1044b UIC - EAST POPLAR OIL FIELD
ENFORCEMENT CASE SDWA 1431
Folder ID: 13544 1999 Privileged

Release in Full

Region 8
13544

owner?

API Well #	UIC Permit	Well Name	Company	Type	Status	Spot	SEC	TWP	N/S	Rng	W/E	Dr Stat	
25-085-05021-00-		TRIBAL 104	Murphy Exploration and ✓	OIL	PR	SWSE	14	28	N	51	E		Poplar, Ea
25-085-05027-00-		TRIBAL 101	Murphy Exploration and ✓	OIL	PR	CNW	14	28	N	51	E		Poplar, Ea
25-085-05019-00-		TRIBAL UNIT #22	Murphy Exploration and ✓	OIL	UN	SWSWSW	14	28	N	51	E		Poplar, Ea
25-085-05025-00-		UNIT 20	Murphy Exploration and ✓	OIL	PR	SWSWNE	14	28	N	51	E		Poplar, Ea

NO FILE →

API Well #	UIC Permit	Well Name	Company	Type	Status	Spot	SEC	TWP	N/S	Rng	W/E	Dr Stat	
25-085-05015-00-		ALBERT HUBER 1	Pioneer O&G	UN	UN		20	28	N	51	E		Poplar, Ea

API Well #	UIC Permit	Well Name	Company	Type	Status	Spot	SEC	TWP	N/S	Rng	W/E	Dr Stat	
25-085-21201-00-		ALLOTTED 3047 1	Juniper Petroleum Corp ✓	OIL	AX	CNWSE	21	28	N	51	E		Poplar, Ea

API Well #	UIC Permit	Well Name	Company	Type	Status	Spot	SEC	TWP	N/S	Rng	W/E	Dr Stat	
25-085-21047-00-		BIERE 1-22	Mesa Operating Limited ✓	OIL	AX		22	28	N	51	E		Poplar, So
25-085-05012-00-		TRIBAL UNIT #72	Murphy Exploration and ✓	DH	AX	SWSE	22	28	N	51	E		Poplar, Ea
25-085-21049-00-		BIERE 1-W SWD	Mesa Operating Limited ✓	SWD	AX	SWNWSW	22	28	N	51	E		Poplar, Ea
25-085-21267-00-		BUCKLES A-1	TXO Production Corp ✓	OIL	AX	CSENW	22	28	N	51	E		Poplar, Ea
25-085-21318-00-		BUCKLES "B" #1	Texas Oil & Gas Corp NO	DH	AX	CNWNE	22	28	N	51	E		Poplar, Ea
25-085-21336-00-		BUCKLES SWD #1	Texas Oil & Gas Corp ✓	EOR	AX	NWSENW	22	28	N	51	E		Poplar, Ea

API Well #	UIC Permit	Well Name	Company	Type	Status	Spot	SEC	TWP	N/S	Rng	W/E	Dr Stat	
25-085-05014-00-		FED. UNIT 55	Murphy Exploration and ✓	OIL	PR	CNWSW	23	28	N	51	E		Poplar, Ea
25-085-05018-00-		FED UNIT 3-G	Murphy C H ✓	DH	AX	NENESW	23	28	N	51	E		Poplar, Ea
25-085-05017-00-		FED. UNIT #26	Murphy Exploration and ✓	WS	AX	CSWNE	23	28	N	51	E		Poplar, Ea

API Well #	UIC Permit	Well Name	Company	Type	Status	Spot	SEC	TWP	N/S	Rng	W/E	Dr Stat	
25-085-05010-00-		CATLIN 1	Partee W C ✓	DH	AX	NESW	26	28	N	51	E		Poplar, Ea
25-085-21053-00-		SIOUX 1-26	Natol Petroleum ✓	OIL	AX	CNWNE	26	28	N	51	E		Poplar, Ea

API Well #	UIC Permit	Well Name	Company	Type	Status	Spot	SEC	TWP	N/S	Rng	W/E	Dr Stat	
25-085-05011-00-		FED. UNIT #83	Murphy Exploration and ✓	OIL	AX	CSWNE	27	28	N	51	E		Poplar, Ea
25-085-21080-00-		FEDERAL 1-27	Amarco Resources ✓	DH	AX	CNWNW	27	28	N	51	E		Poplar, Ea

None in Sec. 28

AX = plugged
PR = producing
WS = Water Supply

Well Information - Fee Lands T28N - R51E

Prepared April 6, 1999

Well Name	Owner	Location	Completion Date	Plugging Date
Biere 1-22	Mesa Petroleum	NWSW Sec 22	6/8/70	9/17/84
Biere 1-W SWD	Mesa Operating	SWNWSW Sec 22	4/9/70	9/15/84
Catlin 1	Partee/Balcron	NESW Sec 26	6/13/65	10/21/65
Unit 20	Murphy Explor.	SWSWNE Sec 14	3/14/53	AC

FORT PECK - EAST POPLAR FIELD, MONTANA

T28N R51E

Sec	WELL NAME	COMMENTS
3 (SWNE)	Murphy 82	
2 (SWNE)	?	Located SE of Murphy 1
10(NWNW)	Murphy 11	
10 (NWNE)	Polumbus (Huber) 4A	
10 (NENE)	Polumbus (Huber) 3	
10 (SENW)	Murphy 13	
10 (SWNE)	Polumbus (huber) 2	
10 (SESWNE)	Murphy 5	
10 (SWNW)	Polumbus (Huber)1	
10 (NWSE)	No Name	Un-identified well on USGS map
10 (NESE)	Murphy 6	
10 (SENESE)	Grace 110x	Also known as EPU 110x-D
11 (SWNE)	Murphy 68	
11 (SWSW)	Murphy 9	
11 (SWNW)	Murphy 7	
11 (NWNW)	Murphy 15	
11 (SWNE)	Murphy 68	
11 (SWSW)	Murphy 9	
11 (SWSE)	Murphy 100	
12 (SWSW)	Murphy 24	

NOTE: We need hard copies of all well construction information, rework and plug and abandonment for all the listed wells

12 (SWNE)	Murphy 61	
13 (SESW)	Murphy 74	
14 (CNW)	Murphy 101	
14 (SWSWNE)	Murphy 20	
14 (SWSE)	Murphy 104	
14 (SWSWSW)	Murphy 22	
15 (SWNE)	Murphy 32	
16 (NENW)	Thomas & Wagner	
21 (CNWSE)	Juniper 1-21	
22 (CNWSW)	TXO-1	Also known as Buckles B #1
22 (CSENW)	Buckles A-1	
22 (CNWSW)	Mesa 1-22 (Biere)	
22 (CNWSW)	Unnamed	Relief well mentioned in Biere 1-22 workover records referenced as Mesa 1-W
22 (SWSE)	Murphy 72	
23 (CSWNE)	Murphy 26	Also known as Federal Unit # 26
23 (CNWSW)	Murphy 55	Also known as Federal Unit # 55
23 (NENESW)	Murphy 3-G	Also known as Federal Unit # 3-G
24 (SWSW)	Murphy 44	
25 (NWSWNE)	Tenneco 1	
26 (CNWNE)	Natol 1-26	Also known as Sioux 1-26
26 (NESW)	Patee 1	Also known as Ctlin # 1
27 (CNWNW)	Amarco Schmidt 1-27	Also known as Federal 1-27
27 (CSWNE)	Murphy 63	Also known as Federal Unit 63
33 (NENE)	Ajax 1	
34 (NENW)	Mapco 3-34	
35 (SESW)	Empire State 1	

Injection Wells in East Poplar Oilfield

	Well	inj. zone	injectate source	Status	
1	Grace (Goings Gov't)	Mm	Kd	PA	
2	Grace (Buck Elk) 2	Kjr	Mc	PA	
3	Palumbus (Buck Elk) 1-W	Kjr	Mm	PA	
4	Murphy (Empire Stat) Rohder 7	Mm	Mm	PA	
5	Murphy (Owens-Simons) 1	Mm	Mm	PA	
6	Murphy (Empire State) Smith 1	Mm	Mm	PA	
7 *	Murphy 5-D	Kd	Mm		Ac
8	Murphy 29-D	Kjr	Mm	PA	
9	Murphy 46	Mm		PA	
10	Murphy 6			PA	
11	! Murphy 2-D	Kjr	Mm	PA	1962 mod 1995 again
12	! Palumbus (Huber) 4	Mc	Mc	PA	1984?
13	! Palumbus (Huber) 1-W	Kjr	Mm	PA	1984
14	! Grace 110x	Mmc	Mc, Dn	PA	1985-
15	! Murphy 8-D	Kjr	Mm		Ac
16	! TXO SWD-1	Kjr	Mm Mc (Charles?)	PA	1984
17	! Mesa 1-W (Bierel)	Kjr	Mm	PA	1984
18	! Murphy 80-D	Mm ? Kd?	Mh		AC
19	! Murphy 59-D UIC permit denied 1986	Kd	Mm	PA	1986
20 *	Murphy 1-D	Kd	Mm		Ac
21	! Murphy (EPU) 24				AC

* = sampled by EPA

! = included in Order (info submission)

Kjr = Judith River Fm.

Kd = Dakota Fm.

Mh = Heath Fm

Mc = Charles Fm

Mm = Madison Group

Dn = Nisku Fm

5 AC wells

16 PA wells

Residence Name	Sample Date	USGS Well #	P Address	Before or After TX	Results - Nov. 1999
Audrey Kirn	11/02/99	M-03	5584	Before	TDS 2390 mg/l VOCs (<0.5 µg/l) DROs (<0.5 mg/l)
Audrey Kirn	11/02/99	M-03	5584	After	TDS 2460 mg/l **1,4 Dichlorobenzene 0.82 µg/l** **dup. 1,4 Dichlorobenzene 0.94 µg/l** DROs (<0.5 mg/l)
Michael Kirn	11/02/99	M-13?	5632	Before	TDS 5120 mg/l VOCs (<0.5 µg/l) DROs (<0.5 mg/l)
Michael Kirn	11/02/99	M-13?	5632	After	TDS 4900 mg/l VOCs (<0.5 µg/l) DROs (<0.5 mg/l)
Danny Kohl	11/02/99	M-52	5097	Before - no TX	TDS 1610 mg/l VOCs (<0.5 µg/l) DROs (<0.5 mg/l)
TRIP BLANK					VOCs (<0.5 µg/l)
Hendrickson	11/09/99	M-32	5866	Before	TDS 1730 mg/l VOCs (<0.50 µg/l) DROs (<0.50 mg/l)
Hendrickson	11/09/99	M-32	5866	After	TDS 1750 mg/l VOCs (<0.50 µg/l) DROs (<0.50 mg/l)
Loegering	11/09/99	M-33	5910	Before - no TX	TDS 435 mg/l VOCs (<0.50 µg/l) DROs (<0.50 mg/l)
Grandchamp, D	11/09/99	M-36	5947	Before	TDS 2520 mg/l **Toluene 0.67 µg/l** **Chloroform 0.41µg/l** DROs (<0.50 mg/l)
Grandchamp, D	11/09/99	M-36	5947	After	TDS 2740 mg/l **Chloroform 0.38 µg/l est.** DROs (<0.50 mg/l)
Grainger, T	11/09 + 17/99	M-38	5957	Before	TDS 2590 mg/l DROs (<0.50 µg/l) **Chlorofom 0.57 µg/l**
Grainger, T	11/09 + 17/99	M-38	5957	After	TDS 2640 mg/l VOCs (<0.50 µg/l) DROs (<0.50 mg/l)
Whitmer	11/09/99	NONE	58702	Before	TDS 1920 mg/l DROs (<0.50 mg/l) **Chloroform 0.28 µg/l est.** **Chloroform 0.40 µg/l est.**

Residence Name	Sample Date	USGS Well #	P Address	Before or After TX	Results - Nov. 1999
Trottier	11/09/99	M-30	5713	After	TDS 1840 mg/l DROs (<0.50 mg/l)
Trottier	11/09/99	M-30	5713	After	TDS 1820 mg/l DROs (<0.50 mg/l) **Chlorofom 0.36 µg/l est.**
Trottier	11/22/99	M-30	5713	Before	TDS 1620 mg/l VOCs (<0.50 µg/l) DROs (<0.50 mg/l)
Lockman	11/09/99	M-30	5715	Before	TDS 1630 mg/l VOCs (<0.50 µg/l) DROs (<0.50 mg/l)
Lockman	11/09/99	M-30	5715	After	TDS 1770 mg/l **Chloroform 0.30 µg/l est.** DROs (<0.50 mg/l)
Martell/Youpee	11/09/99	M-22	5666	Before	TDS 14,600 mg/l **Chloroform 0.28 µg/l est.** DROs (<0.50 mg/l)
Ricker	11/09/99	M-25	5712	Before	TDS 4450 mg/l VOCs (<0.50 µg/l) DROs (<0.50 mg/l)
Four Bear	11/09/99	M-24	5678	Before - no TX	TDS 14,300 mg/l **Chloroform 0.37 µg/l est.** DROs (<0.50 mg/l)
Hopkins	11/09/99	M-15	5647	Before - no TX	TDS 8350 mg/l **Chloroform 0.36 µg/l est.** **Naphthalene 0.42 µg/l est.** DROs (<0.50 mg/l)
Abbott	11/09/99	M-02	5540	Before - no TX	TDS 1170 mg/l DROs (<0.50 mg/l) VOCs (<0.50 µg/l)
Lien	11/09/99	W-03	4849	Before	TDS 820 mg/l **Chloroform 0.51 µg/l** DROs (<0.50 mg/l)
Lien	11/22/99	W-03	4849	After	TDS 850 mg/l VOCs (<0.50 µg/l) DROs (<0.50 mg/l)
Kim, Jesse	11/10/99	M-34	6037	Before	TDS 761 mg/l DROs (<0.50 mg/l) VOCs (<0.50 µg/l)
Kim, Jesse	11/22/99	M-34	6037	After	TDS 770 mg/l DROs (<0.50 mg/l)
Grainger, Iva	11/10/99	M-53	5128	Before - no TX	TDS 1840 mg/l VOCs (<0.50 µg/l) DROs (<0.50 mg/l)

Residence Name	Sample Date	USGS Well #	P Address	Before or After TX	Results - Nov. 1999
Richards	11/17/99	NONE	5021	Before	TDS 1860 mg/l VOCs (<0.5 µg/l) DROs (<0.50 mg/l)
Richards	11/17/99	NONE	5021	After	TDS 1990 mg/l VOCs (<0.5 µg/l) DROs (<0.50 mg/l)
Corne	11/22/99	M-17	5743	Before	TDS 2130 mg/l VOCs (<0.50 µg/l) DROs (<0.50 mg/l)

Date	Sample Location	Sample #	Sampler	Analysis	Detections	ppb
01/27/99	Trottier Well	9916661	Deb Madison	VOCs, PAHs	Benzene	78
		9916661	Deb Madison		Benzene	58
		9916661	Deb Madison		Methylene Chloride	1.7
		9916661	Deb Madison		Methylene Chloride	1.8
	PSA Bldg	9916660c.d	Deb Madison	VOCs, PAHs	1,4-Dichlorobenzene	0.49
04/21/99	GW Monitoring Well	28N51E22CBCB01	USGS		Benzene	4.7
		replicate	USGS		Benzene	4.8
			USGS		Toluene	0.04
		replicate	USGS		Toluene	0.05
	GW Monitoring Well	28N51E22CBCB02	USGS		Benzene	1.6
			USGS		Toluene	0.08
			USGS		Ethylbenzene	29.3
	GW Monitoring Well	29N51E32BBBA03	USGS		Benzene	0.51
			USGS		Ethylbenzene	0.25
	GW Monitoring Well	29N51E32BBBB01	USGS		Benzene	0.1
			USGS		Ethylbenzene	0.14
	Wolf Pt. Town Water	*Equip. Blank*	*USGS*		*Benzene*	*0.04*
			USGS		Toluene	0.08
			USGS		Ethylbenzene	1.8
			USGS		m-, p-Xylenes	3.9
			USGS		o-Xylene	1.4

Copy pages 1-19 ("East Poplar Samples")

Residence Name - Sample Site	Sample Date	USGS Well Numbering System	P Address Numbering System	Target Analytical Compounds		mg/l	Laboratory where analyzed
				DRO = diesel range organic compounds (typically C-1 through C-30)			
				dup = duplicate sample			
				HC = hydrocarbon			
				SVOC = semivolatile organic compounds			
				TDS = total dissolved solids (salinity)			
				TPH = total petroleum hydrocarbons			
				VOC = volatile organic compounds			
Abbott Joe	11/09/99	M-2	5540	DRO	<	0.50000	Energy Labs
Abbott Joe	11/09/99	M-2	5540	TDS		1,170.00000	Energy Labs
Abbott Joe	11/09/99	M-2	5540	VOC	<	0.00050	Energy Labs
Abbott Joe	01/04/00	M-2	5540	TDS		1,260.00000	Region 8
Abbott Joe	01/04/00	M-2	5540	TPH	<	100.00000	Region 8
Abbott Joe	01/04/00	M-2	5540	VOC	<	0.00100	Region 8
Abbott Joe	09/28/00	M-2	5540	DRO	<	0.50000	Energy Labs
Abbott Joe	09/28/00	M-2	5540	SVOC	<	0.00200	Energy Labs
Abbott Joe	09/28/00	M-2	5540	TDS		1,100.00000	Energy Labs
Abbott Joe	09/28/00	M-2	5540	VOC	<	0.00050	Energy Labs
City of Poplar Well 1	09/28/00			DRO	<	0.50000	Energy Labs
City of Poplar Well 1	09/28/00			SVOC	<	0.00200	Energy Labs
City of Poplar Well 1	09/28/00			TDS		1,050.00000	Energy Labs
City of Poplar Well 1	09/28/00			Total Extractable HC		0.47000	Energy Labs
City of Poplar Well 1	09/28/00			VOC	<	0.00050	Energy Labs
City of Poplar Well 2	09/28/00			DRO	<	0.50000	Energy Labs
City of Poplar Well 2	09/28/00			SVOC	<	0.00200	Energy Labs
City of Poplar Well 2	09/28/00			TDS		1,190.00000	Energy Labs
City of Poplar Well 2	09/28/00			VOC - bromodichloromethane		0.00110	Energy Labs
City of Poplar Well 2	09/28/00			VOC - bromodichloromethane		0.00096	Energy Labs

Residence Name - Sample Site	Sample Date	USGS Well Numbering System	P Address Numbering System	Target Analytical Compounds	Below Detection Limit	Results in mg/l	Laboratory where analyzed
				DRO = diesel range organic compounds (typically C-1 through C-30)			
				dup = duplicate sample			
				HC = hydrocarbon			
				SVOC = semivolatile organic compounds			
				TDS = total dissolved solids (salinity)			
				TPH = total petroleum hydrocarbons			
				VOC = volatile organic compounds			
Abbott Joe	11/09/99	M-2	5540	DRO	<	0.50000	Energy Labs
Abbott Joe	11/09/99	M-2	5540	TDS		1,170.00000	Energy Labs
Abbott Joe	11/09/99	M-2	5540	VOC	<	0.00050	Energy Labs
Abbott Joe	01/04/00	M-2	5540	TDS		1,260.00000	Region 8
Abbott Joe	01/04/00	M-2	5540	TPH	<	100.00000	Region 8
Abbott Joe	01/04/00	M-2	5540	VOC	<	0.00100	Region 8
Abbott Joe	09/28/00	M-2	5540	DRO	<	0.50000	Energy Labs
Abbott Joe	09/28/00	M-2	5540	SVOC	<	0.00200	Energy Labs
Abbott Joe	09/28/00	M-2	5540	TDS		1,100.00000	Energy Labs
Abbott Joe	09/28/00	M-2	5540	VOC	<	0.00050	Energy Labs
City of Poplar Well 1	09/28/00			DRO	<	0.50000	Energy Labs
City of Poplar Well 1	09/28/00			SVOC	<	0.00200	Energy Labs
City of Poplar Well 1	09/28/00			TDS		1,050.00000	Energy Labs
City of Poplar Well 1	09/28/00			Total Extractable HC		0.47000	Energy Labs
City of Poplar Well 1	09/28/00			VOC	<	0.00050	Energy Labs
City of Poplar Well 2	09/28/00			DRO	<	0.50000	Energy Labs
City of Poplar Well 2	09/28/00			SVOC	<	0.00200	Energy Labs
City of Poplar Well 2	09/28/00			TDS		1,190.00000	Energy Labs
City of Poplar Well 2	09/28/00			VOC - bromodichloromethane		0.00110	Energy Labs
City of Poplar Well 2	09/28/00			VOC - bromodichloromethane		0.00096	Energy Labs

Residence Name - Sample Site	Sample Date	USGS Well Numbering System	P Address Numbering System	Target Analytical Compounds	Below Detection Limit	Results in mg/l	Laboratory where analyzed
City of Poplar Well 2	09/28/00			VOC - bromoform		0.00140	Energy Labs
City of Poplar Well 2	09/28/00			VOC - chlorodibromomethane		0.00160	Energy Labs
City of Poplar Well 2	09/28/00			VOC - chlorodibromomethane		0.00044	Energy Labs
City of Poplar Well 2	09/28/00			VOC - chloroform		0.00048	Energy Labs
City of Poplar Well 2	09/28/00			VOC - chloroform		0.00130	Energy Labs
City of Poplar Well 3	01/11/00			TPH		125.00000	Region 8
City of Poplar Well 3	01/11/00			TPH - dup		193.00000	Region 8
City of Poplar Well 3	01/11/00			VOC - 1,4-dichlorobenzene		0.00069	Region 8
City of Poplar Well 3	01/11/00			VOC - 1,4-dichlorobenzene		0.00072	Region 8
City of Poplar Well 3	01/11/00			VOC - 1,4-dichlorobenzene		0.00058	Region 8
City of Poplar Well 3	01/11/00			VOC - 1,4-dichlorobenzene		0.00098	Region 8
City of Poplar Well 3	01/11/00			VOC - bromodichloromethane		0.00140	Region 8
City of Poplar Well 3	01/11/00			VOC - bromodichloromethane		0.00140	Region 8
City of Poplar Well 3	01/11/00			VOC - bromodichloromethane		0.00080	Region 8
City of Poplar Well 3	01/11/00			VOC - bromodichloromethane		0.00090	Region 8
City of Poplar Well 3	01/11/00			VOC - bromoform		0.00200	Region 8
City of Poplar Well 3	01/11/00			VOC - bromoform		0.00120	Region 8
City of Poplar Well 3	01/11/00			VOC - bromoform		0.01650	Region 8
City of Poplar Well 3	01/11/00			VOC - bromoform		0.01720	Region 8
City of Poplar Well 3	01/11/00			VOC - chloroform		0.00070	Region 8
City of Poplar Well 3	01/11/00			VOC - chloroform		0.00070	Region 8

Residence Name - Sample Site	Sample Date	USGS Well Numbering System	P Address Numbering System	Target Analytical Compounds	Below Detection Limit	Results in mg/l	Laboratory where analyzed
City of Poplar Well 3	01/11/00			VOC - chloroform		0.00060	Region 8
City of Poplar Well 3	01/11/00			VOC - dibromochloromethane		0.00300	Region 8
City of Poplar Well 3	01/11/00			VOC - dibromochloromethane		0.00140	Region 8
City of Poplar Well 3	01/11/00			VOC - dibromochloromethane		0.00310	Region 8
City of Poplar Well 3	01/11/00			VOC - dibromochloromethane		0.00110	Region 8
City of Poplar Well 3	01/11/00			VOC - methylene chloride		0.00110	Region 8
City of Poplar Well 3	01/11/00			VOC - methylene chloride		0.00110	Region 8
City of Poplar Well 3	01/11/00			VOC - methylene chloride		0.00110	Region 8
City of Poplar Well 3	01/11/00			VOC - methylene chloride		0.00120	Region 8
City of Poplar Well 3	09/28/00			DRO	<	0.50000	Energy Labs
City of Poplar Well 3	09/28/00			SVOC	<	0.00200	Energy Labs
City of Poplar Well 3	09/28/00			TDS		1,050.00000	Energy Labs
Corne Butch	11/22/99	M-17	5743	DRO	<	0.50000	Energy Labs
Corne Butch	11/22/99	M-17	5743	TDS		2,130.00000	Energy Labs
Corne Butch	11/22/99	M-17	5743	VOC	<	0.00050	Energy Labs
Corne Butch	01/04/00	M-17	5743	TDS		2,304.00000	Region 8
Corne Butch	01/04/00	M-17	5743	TPH	<	100.00000	Region 8
Corne Butch	01/04/00	M-17	5743	VOC - 1,4-dichlorobenzene		0.00083	Region 8
Corne Butch	09/20/00	M-17	5743	DRO	<	0.50000	Energy Labs
Corne Butch	09/20/00	M-17	5743	SVOC	<	0.00200	Energy Labs
Corne Butch	09/20/00	M-17	5743	TDS		2,190.00000	Energy Labs
Corne Butch	09/20/00	M-17	5743	VOC - Chloroform		0.00610	Energy Labs

Residence Name - Sample Site	Sample Date	USGS Well Numbering System	P Address Numbering System	Target Analytical Compounds	Below Detection Limit	Results in mg/l	Laboratory where analyzed
Corne Butch	09/20/00	M-17	5743	VOC - Chloroform dup		0.00550	Energy Labs
Equipment Blank w/ PSA Building water - Ft. Peck Tribe	01/27/99			VOC - bromodichloromethane		0.00440	Energy Labs
Equipment Blank w/ PSA Building water - Ft. Peck Tribe	01/27/99			VOC - bromodichloromethane		0.00380	Energy Labs
Equipment Blank w/ PSA Building water - Ft. Peck Tribe	01/27/99			VOC - bromoform		0.00110	Energy Labs
Equipment Blank w/ PSA Building water - Ft. Peck Tribe	01/27/99			VOC - bromoform		0.00099	Energy Labs
Equipment Blank w/ PSA Building water - Ft. Peck Tribe	01/27/99			VOC - chlorodibromomethane		0.00280	Energy Labs
Equipment Blank w/ PSA Building water - Ft. Peck Tribe	01/27/99			VOC - chlorodibromomethane		0.00330	Energy Labs
Equipment Blank w/ PSA Building water - Ft. Peck Tribe	01/27/99			VOC - chloroform		0.00440	Energy Labs
Equipment Blank w/ PSA Building water - Ft. Peck Tribe	01/27/99			VOC - chloroform		0.00440	Energy Labs
Four Bear Charles	11/09/99	M-24	5678	DRO	<	0.50000	Energy Labs
Four Bear Charles	11/09/99	M-24	5678	TDS		14,300.00000	Energy Labs
Four Bear Charles	11/09/99	M-24	5678	VOC - Chloroform		0.00037	Energy Labs
Four Bear Charles	01/03/00	M-24	5678	TPH	<	100.00000	Region 8
Four Bear Charles	01/03/00	M-24	5678	VOC - 1, 4dichlorobenzene		0.00068	Region 8

Residence Name - Sample Site	Sample Date	USGS Well Numbering System	P Address Numbering System	Target Analytical Compounds	Below Detection Limit	Results in mg/l	Laboratory where analyzed
Four Bear Charles	09/20/00	M-24	5678	DRO	<	0.50000	Energy Labs
Four Bear Charles	09/20/00	M-24	5678	SVOC	<	0.00200	Energy Labs
Four Bear Charles	09/20/00	M-24	5678	TDS		17,000.00000	Energy Labs
Four Bear Charles	09/20/00	M-24	5678	VOC	<	0.00050	Energy Labs
Grainger Iva	11/10/99	M-53	5128	DRO	<	0.50000	Energy Labs
Grainger Iva	11/10/99	M-53	5128	TDS		1,840.00000	Energy Labs
Grainger Iva	11/10/99	M-53	5128	VOC	<	0.00050	Energy Labs
Grainger Iva	01/04/00	M-53	5128	TDS		1,646.00000	Region 8
Grainger Iva	01/04/00	M-53	5128	TPH	<	100.00000	Region 8
Grainger Iva	01/04/00	M-53	5128	VOC - 1,4-dichlorobenzene		0.00059	Region 8
Grainger Iva	09/28/00	M-53	5128	DRO	<	0.50000	Energy Labs
Grainger Iva	09/28/00	M-53	5128	SVOC	<	0.00200	Energy Labs
Grainger Iva	09/28/00	M-53	5128	TDS		1,370.00000	Energy Labs
Grainger Iva	09/28/00	M-53	5128	VOC	<	0.00050	Energy Labs
Grainger Trivian	01/04/00	M-38	5957	TDS		2,790.00000	Region 8
Grainger Trivian	01/04/00	M-38	5957	TPH	<	100.00000	Region 8
Grainger Trivian	01/04/00	M-38	5957	VOC - 1,4-dichlorobenzene		0.00075	Region 8
Grainger Trivian	09/29/00	M-38	5957	DRO	<	0.50000	Energy Labs
Grainger Trivian	09/29/00	M-38	5957	DRO	<	0.50000	Energy Labs
Grainger Trivian	09/29/00	M-38	5957	SVOC	<	0.00200	Energy Labs
Grainger Trivian	09/29/00	M-38	5957	SVOC	<	0.00200	Energy Labs
Grainger Trivian	09/29/00	M-38	5957	TDS		2,740.00000	Energy Labs
Grainger Trivian	09/29/00	M-38	5957	TDS		2,660.00000	Energy Labs
Grainger Trivian	09/29/00	M-38	5957	VOC	<	0.00050	Energy Labs
Grainger Trivian	09/29/00	M-38	5957	VOC	<	0.00050	Energy Labs
Grainger Trivian	11/09 + 17/99	M-38	5957	DRO	<	0.00050	Energy Labs
Grainger Trivian	11/09 + 17/99	M-38	5957	DRO	<	0.50000	Energy Labs

Residence Name - Sample Site	Sample Date	USGS Well Numbering System	P Address Numbering System	Target Analytical Compounds	Below Detection Limit	Results in mg/l	Laboratory where analyzed
Grainger Trivian	11/09 + 17/ 99	M-38	5957	TDS		2,590.00000	Energy Labs
Grainger Trivian	11/09 + 17/ 99	M-38	5957	TDS		2,640.00000	Energy Labs
Grainger Trivian	11/09 + 17/ 99	M-38	5957	VOC	<	0.00050	Energy Labs
Grainger Trivian	11/09 + 17/ 99	M-38	5957	VOC - Chloroform		0.00057	Energy Labs
Grandchamp Denise	11/09/99	M-36	5947	DRO	<	0.50000	Energy Labs
Grandchamp Denise	11/09/99	M-36	5947	DRO	<	0.50000	Energy Labs
Grandchamp Denise	11/09/99	M-36	5947	TDS		2,740.00000	Energy Labs
Grandchamp Denise	11/09/99	M-36	5947	TDS		2,520.00000	Energy Labs
Grandchamp Denise	11/09/99	M-36	5947	VOC - Chloroform		0.00038	Energy Labs
Grandchamp Denise	11/09/99	M-36	5947	VOC - Chloroform		0.00041	Energy Labs
Grandchamp Denise	11/09/99	M-36	5947	VOC - Toluene		0.00067	Energy Labs
Grandchamp Denise	01/04/00	M-36	5947	TDS		2,643.00000	Region 8
Grandchamp Denise	01/04/00	M-36	5947	TPH	<	100.00000	Region 8
Grandchamp Denise	01/04/00	M-36	5947	VOC - 1,4-dichlorobenzene		0.00070	Region 8
Grandchamp Denise	09/29/00	M-36	5947	DRO	<	0.50000	Energy Labs
Grandchamp Denise	09/29/00	M-36	5947	DRO	<	0.50000	Energy Labs
Grandchamp Denise	09/29/00	M-36	5947	SVOC	<	0.00200	Energy Labs
Grandchamp Denise	09/29/00	M-36	5947	SVOC	<	0.00200	Energy Labs
Grandchamp Denise	09/29/00	M-36	5947	TDS		2,640.00000	Energy Labs
Grandchamp Denise	09/29/00	M-36	5947	TDS		2,690.00000	Energy Labs
Grandchamp Denise	09/29/00	M-36	5947	VOC	<	0.00050	Energy Labs
Grandchamp Denise	09/29/00	M-36	5947	VOC	<	0.00050	Energy Labs
Hendrickson Roman	11/09/99	M-32	5866	DRO	<	0.50000	Energy Labs
Hendrickson Roman	11/09/99	M-32	5866	DRO	<	0.50000	Energy Labs
Hendrickson Roman	11/09/99	M-32	5866	TDS		1,730.00000	Energy Labs
Hendrickson Roman	11/09/99	M-32	5866	TDS		1,750.00000	Energy Labs

Residence Name - Sample Site	Sample Date	USGS Well Numbering System	P Address Numbering System	Target Analytical Compounds	Below Detection Limit	Results in mg/l	Laboratory where analyzed
Hendrickson Roman	11/09/99	M-32	5866	VOC	<	0.00050	Energy Labs
Hendrickson Roman	11/09/99	M-32	5866	VOC	<	0.00050	Energy Labs
Hopkins Shannon	11/09/99	M-15	5647	DRO	<	0.50000	Energy Labs
Hopkins Shannon	11/09/99	M-15	5647	TDS		8,350.00000	Energy Labs
Hopkins Shannon	11/09/99	M-15	5647	VOC - Chloroform		0.00036	Energy Labs
Hopkins Shannon	11/09/99	M-15	5647	VOC - Naphthalene		0.00042	Energy Labs
Hopkins Shannon	01/03/00	M-15	5647	TPH	<	100.00000	Region 8
Hopkins Shannon	09/20/00	M-15	5647	DRO	<	0.50000	Energy Labs
Hopkins Shannon	09/20/00	M-15	5647	SVOC	<	0.00200	Energy Labs
Hopkins Shannon	09/20/00	M-15	5647	TDS		9,850.00000	Energy Labs
Hopkins Shannon	09/20/00	M-15	5647	VOC - Naphthlalene		0.00039	Energy Labs
Injection Well - Huber #5D	09/29/00			DRO		28.00000	Energy Labs
Injection Well - Huber #5D	09/29/00			DRO		38.00000	Energy Labs
Injection Well - Huber #5D	09/29/00			SVOC	<	0.04000	Energy Labs
Injection Well - Huber #5D	09/29/00			SVOC	<	0.04000	Energy Labs
Injection Well - Huber #5D	09/29/00			TDS		87,500.00000	Energy Labs
Injection Well - Huber #5D	09/29/00			TDS		85,900.00000	Energy Labs
Injection Well - Huber #5D	09/29/00			Total Extractable HC		39.00000	Energy Labs
Injection Well - Huber #5D	09/29/00			Total Extractable HC		53.00000	Energy Labs
Injection Well - Huber #5D	09/29/00			VOC - 1,2,4-trimethylbenzene		0.07000	Energy Labs
Injection Well - Huber #5D	09/29/00			VOC - 1,2,4-trimethylbenzene		0.08700	Energy Labs

Residence Name - Sample Site	Sample Date	USGS Well Numbering System	P Address Numbering System	Target Analytical Compounds	Below Detection Limit	Results in mg/l	Laboratory where analyzed
Injection Well - Huber #5D	09/29/00			VOC - 1,3,5-trimethylbenzene		0.02800	Energy Labs
Injection Well - Huber #5D	09/29/00			VOC - 1,3,5-trimethylbenzene		0.02200	Energy Labs
Injection Well - Huber #5D	09/29/00			VOC - benzene		1.76000	Energy Labs
Injection Well - Huber #5D	09/29/00			VOC - benzene		1.75000	Energy Labs
Injection Well - Huber #5D	09/29/00			VOC - ethylbenzene		0.15000	Energy Labs
Injection Well - Huber #5D	09/29/00			VOC - ethylbenzene		0.18100	Energy Labs
Injection Well - Huber #5D	09/29/00			VOC - isopropylbenzene		0.01100	Energy Labs
Injection Well - Huber #5D	09/29/00			VOC - isopropylbenzene		0.00840	Energy Labs
Injection Well - Huber #5D	09/29/00			VOC - n-propylbenzene		0.01500	Energy Labs
Injection Well - Huber #5D	09/29/00			VOC - n-propylbenzene		0.01900	Energy Labs
Injection Well - Huber #5D	09/29/00			VOC - naphthalene		0.03600	Energy Labs
Injection Well - Huber #5D	09/29/00			VOC - naphthalene		0.03400	Energy Labs
Injection Well - Huber #5D	09/29/00			VOC - toluene		1.83000	Energy Labs
Injection Well - Huber #5D	09/29/00			VOC - toluene		1.86000	Energy Labs
Injection Well - Huber #5D	09/29/00			VOC - xylene total		0.54600	Energy Labs

Residence Name - Sample Site	Sample Date	USGS Well Numbering System	P Address Numbering System	Target Analytical Compounds	Below Detection Limit	Results in mg/l	Laboratory where analyzed
Injection Well - Huber #5D	09/29/00			VOC - xylene total		0.46500	Energy Labs
Injection Well - Murphy #1D	09/29/00	Murphy 1D		DRO		49.00000	Energy Labs
Injection Well - Murphy #1D	09/29/00	Murphy 1D		DRO		51.00000	Energy Labs
Injection Well - Murphy #1D	09/29/00	Murphy 1D		SVOC - bis(2-ethylhexyl) phthalate		0.05300	Energy Labs
Injection Well - Murphy #1D	09/29/00	Murphy 1D		SVOC - bis(2-ethylhexyl) phthalate		0.04900	Energy Labs
Injection Well - Murphy #1D	09/29/00	Murphy 1D		TDS		120,000.00000	Energy Labs
Injection Well - Murphy #1D	09/29/00	Murphy 1D		TDS		120,000.00000	Energy Labs
Injection Well - Murphy #1D	09/29/00	Murphy 1D		Total Extractable HC		65.00000	Energy Labs
Injection Well - Murphy #1D	09/29/00	Murphy 1D		Total Extractable HC		67.00000	Energy Labs
Injection Well - Murphy #1D	09/29/00	Murphy 1D		VOC - 1,2,4-trimethylbenzene		0.05600	Energy Labs
Injection Well - Murphy #1D	09/29/00	Murphy 1D		VOC - 1,3,5-trimethylbenzene		0.01900	Energy Labs
Injection Well - Murphy #1D	09/29/00	Murphy 1D		VOC - 1,3,5-trimethylbenzene		0.01900	Energy Labs
Injection Well - Murphy #1D	09/29/00	Murphy 1D		VOC - benzene		1.71000	Energy Labs
Injection Well - Murphy #1D	09/29/00	Murphy 1D		VOC - benzene		1.67000	Energy Labs
Injection Well - Murphy #1D	09/29/00	Murphy 1D		VOC - ethylbenzene		0.11500	Energy Labs

Residence Name - Sample Site	Sample Date	USGS Well Numbering System	P Address Numbering System	Target Analytical Compounds	Below Detection Limit	Results in mg/l	Laboratory where analyzed
Injection Well - Murphy #1D	09/29/00	Murphy 1D		VOC - ethylbenzene		0.12200	Energy Labs
Injection Well - Murphy #1D	09/29/00	Murphy 1D		VOC - isopropylbenzene		0.00710	Energy Labs
Injection Well - Murphy #1D	09/29/00	Murphy 1D		VOC - isopropylbenzene		0.00660	Energy Labs
Injection Well - Murphy #1D	09/29/00	Murphy 1D		VOC - n-propylbenzene		0.01300	Energy Labs
Injection Well - Murphy #1D	09/29/00	Murphy 1D		VOC - n-propylbenzene		0.01200	Energy Labs
Injection Well - Murphy #1D	09/29/00	Murphy 1D		VOC - naphthalene		0.02300	Energy Labs
Injection Well - Murphy #1D	09/29/00	Murphy 1D		VOC - naphthalene		0.02300	Energy Labs
Injection Well - Murphy #1D	09/29/00	Murphy 1D		VOC - toluene		1.53000	Energy Labs
Injection Well - Murphy #1D	09/29/00	Murphy 1D		VOC - toluene		1.53000	Energy Labs
Injection Well - Murphy #1D	09/29/00	Murphy 1D		VOC - xylene total		0.39600	Energy Labs
Injection Well - Murphy #1D	09/29/00	Murphy 1D		VOC - xylene total		0.14600	Energy Labs
Kirn Audrey	11/02/99	M-3	5584	DRO	<	0.50000	Energy Labs
Kirn Audrey	11/02/99	M-3	5584	DRO	<	0.50000	Energy Labs
Kirn Audrey	11/02/99	M-3	5584	TDS		2,390.00000	Energy Labs
Kirn Audrey	11/02/99	M-3	5584	TDS		2,460.00000	Energy Labs
Kirn Audrey	11/02/99	M-3	5584	VOC	<	0.00050	Energy Labs
Kirn Audrey	11/02/99	M-3	5584	VOC - 1,4 Dichlorobenzene		0.00082	Energy Labs
Kirn Audrey	11/02/99	M-3	5584	VOC - 1,4 Dichlorobenzene dup		0.00094	Energy Labs

Residence Name - Sample Site	Sample Date	USGS Well Numbering System	P Address Numbering System	Target Analytical Compounds	Below Detection Limit	Results in mg/l	Laboratory where analyzed
Kirn Audrey	01/04/00	M-3	5584	TDS		2,520.00000	Region 8
Kirn Audrey	01/04/00	M-3	5584	TPH	<	100.00000	Region 8
Kirn Audrey	01/04/00	M-3	5584	VOC - 1,4-dichlorobenzene		0.00119	Region 8
Kirn Audrey	09/21/00	M-3	5584	DRO	<	0.50000	Energy Labs
Kirn Audrey	09/21/00	M-3	5584	DRO	<	0.50000	Energy Labs
Kirn Audrey	09/21/00	M-3	5584	SVOC	<	0.00200	Energy Labs
Kirn Audrey	09/21/00	M-3	5584	SVOC	<	0.00200	Energy Labs
Kirn Audrey	09/21/00	M-3	5584	TDS		2,460.00000	Energy Labs
Kirn Audrey	09/21/00	M-3	5584	TDS		2,470.00000	Energy Labs
Kirn Audrey	09/21/00	M-3	5584	VOC	<	0.00050	Energy Labs
Kirn Audrey	09/21/00	M-3	5584	VOC	<	0.00050	Energy Labs
Kirn Jesse	11/10/99	M-34	6037	DRO	<	0.50000	Energy Labs
Kirn Jesse	11/10/99	M-34	6037	TDS		761.00000	Energy Labs
Kirn Jesse	11/10/99	M-34	6037	VOC	<	0.00050	Energy Labs
Kirn Jesse	11/22/99	M-34	6037	DRO	<	0.50000	Energy Labs
Kirn Jesse	11/22/99	M-34	6037	TDS		770.00000	Energy Labs
Kirn Jesse	01/03/00	M-34	6037	TPH	<	100.00000	Region 8
Kirn Jesse	09/20/00	M-34	6037	DRO	<	0.50000	Energy Labs
Kirn Jesse	09/20/00	M-34	6037	SVOC	<	0.00200	Energy Labs
Kirn Jesse	09/20/00	M-34	6037	TDS		785.00000	Energy Labs
Kirn Jesse	09/20/00	M-34	6037	VOC	<	0.00050	Energy Labs
Kirn Michael	11/02/99	M-13	5632	DRO	<	0.50000	Energy Labs
Kirn Michael	11/02/99	M-13	5632	DRO	<	0.50000	Energy Labs
Kirn Michael	11/02/99	M-13	5632	TDS		5,120.00000	Energy Labs
Kirn Michael	11/02/99	M-13	5632	TDS		4,900.00000	Energy Labs
Kirn Michael	11/02/99	M-13	5632	VOC	<	0.00050	Energy Labs
Kirn Michael	11/02/99	M-13	5632	VOC	<	0.00050	Energy Labs
Kirn Michael	01/04/00	M-13	5632	TDS		5,058.00000	Region 8
Kirn Michael	01/04/00	M-13	5632	TPH	<	100.00000	Region 8
Kirn Michael	01/04/00	M-13	5632	TPH - dup	<	100.00000	Region 8

Residence Name - Sample Site	Sample Date	USGS Well Numbering System	P Address Numbering System	Target Analytical Compounds	Below Detection Limit	Results in mg/l	Laboratory where analyzed
Kirn Michael	01/04/00	M-13	5632	VOC - 1,4-dichlorobenzene		0.00050	Region 8
Kirn Michael	09/21/00	M-13	5632	DRO	<	0.50000	Energy Labs
Kirn Michael	09/21/00	M-13	5632	DRO	<	0.50000	Energy Labs
Kirn Michael	09/21/00	M-13	5632	SVOC	<	0.00200	Energy Labs
Kirn Michael	09/21/00	M-13	5632	SVOC	<	0.00200	Energy Labs
Kirn Michael	09/21/00	M-13	5632	TDS		5,070.00000	Energy Labs
Kirn Michael	09/21/00	M-13	5632	VOC	<	0.00050	Energy Labs
Kirn Michael	09/21/00	M-13	5632	TDS		5,860.00000	Energy Labs
Kirn Michael	09/21/00	M-13	5632	VOC	<	0.00050	Energy Labs
Kirn Michael	09/21/00	M-13	5632	VOC - dup	<	0.00050	Energy Labs
Kohl Danny	11/02/99	M-52	5097	DRO	<	0.50000	Energy Labs
Kohl Danny	11/02/99	M-52	5097	TDS		1,610.00000	Energy Labs
Kohl Danny	11/02/99	M-52	5097	VOC	<	0.00050	Energy Labs
Kohl Danny	01/04/00	M-52	5097	TPH	<	100.00000	Region 8
Kohl Danny	01/04/00	M-52	5097	VOC - 1,4-dichlorobenzene		0.00061	Region 8
Kohl Danny	09/20/00	M-52	5097	DRO	<	0.50000	Energy Labs
Kohl Danny	09/20/00	M-52	5097	SVOC	<	0.00200	Energy Labs
Kohl Danny	09/20/00	M-52	5097	TDS		1,580.00000	Energy Labs
Kohl Danny	09/20/00	M-52	5097	VOC	<	0.00050	Energy Labs
Lien Birdell	11/09/99	W-3	4849	DRO	<	0.50000	Energy Labs
Lien Birdell	11/09/99	W-3	4849	TDS		820.00000	Energy Labs
Lien Birdell	11/09/99	W-3	4849	VOC - Chloroform		0.00051	Energy Labs
Lien Birdell	11/22/99	W-3	4849	DRO	<	0.50000	Energy Labs
Lien Birdell	11/22/99	W-3	4849	TDS		850.00000	Energy Labs
Lien Birdell	11/22/99	W-3	4849	VOC	<	0.00050	Energy Labs
Lien Birdell	01/04/00	W-3	4849	TDS		971.00000	Region 8
Lien Birdell	01/04/00	W-3	4849	TPH	<	100.00000	Region 8
Lien Birdell	01/04/00	W-3	4849	VOC - 1,4-dichlorobenzene		0.00060	Region 8

Residence Name - Sample Site	Sample Date	USGS Well Numbering System	P Address Numbering System	Target Analytical Compounds	Below Detection Limit	Results in mg/l	Laboratory where analyzed
Lien Birdell	09/20/00	W-3	4849	DRO	<	0.50000	Energy Labs
Lien Birdell	09/20/00	W-3	4849	DRO	<	0.50000	Energy Labs
Lien Birdell	09/20/00	W-3	4849	SVOC	<	0.00200	Energy Labs
Lien Birdell	09/20/00	W-3	4849	SVOC	<	0.00200	Energy Labs
Lien Birdell	09/20/00	W-3	4849	TDS		849.00000	Energy Labs
Lien Birdell	09/20/00	W-3	4849	TDS		878.00000	Energy Labs
Lien Birdell	09/20/00	W-3	4849	VOC	<	0.00050	Energy Labs
Lien Birdell	09/20/00	W-3	4849	VOC	<	0.00050	Energy Labs
Lockman Lyle 'Curly'	11/09/99	M-30	5715	DRO	<	0.50000	Energy Labs
Lockman Lyle 'Curly'	11/09/99	M-30	5715	DRO	<	0.50000	Energy Labs
Lockman Lyle 'Curly'	11/09/99	M-30	5715	TDS		1,630.00000	Energy Labs
Lockman Lyle 'Curly'	11/09/99	M-30	5715	TDS		1,770.00000	Energy Labs
Lockman Lyle 'Curly'	11/09/99	M-30	5715	VOC	<	0.00050	Energy Labs
Lockman Lyle 'Curly'	11/09/99	M-30	5715	VOC - Chloroform		0.00030	Energy Labs
Lockman Lyle 'Curly'	01/03/00	M-30	5715	TDS		1,915.00000	Region 8
Lockman Lyle 'Curly'	01/03/00	M-30	5715	TDS		1,828.00000	Region 8
Lockman Lyle 'Curly'	01/03/00	M-30	5715	TPH	<	100.00000	Region 8
Lockman Lyle 'Curly'	01/03/00	M-30	5715	TPH	<	100.00000	Region 8
Lockman Lyle 'Curly'	01/03/00	M-30	5715	VOC - 1,4-dichlorobenzene		0.00057	Region 8
Lockman Lyle 'Curly'	09/20/00	M-30	5715	DRO	<	0.50000	Energy Labs
Lockman Lyle 'Curly'	09/20/00	M-30	5715	DRO	<	0.50000	Energy Labs
Lockman Lyle 'Curly'	09/20/00	M-30	5715	SVOC	<	0.00200	Energy Labs
Lockman Lyle 'Curly'	09/20/00	M-30	5715	SVOC	<	0.00200	Energy Labs
Lockman Lyle 'Curly'	09/20/00	M-30	5715	TDS		1,710.00000	Energy Labs
Lockman Lyle 'Curly'	09/20/00	M-30	5715	TDS		1,880.00000	Energy Labs
Lockman Lyle 'Curly'	09/20/00	M-30	5715	VOC	<	0.00050	Energy Labs
Lockman Lyle 'Curly'	09/20/00	M-30	5715	VOC	<	0.00050	Energy Labs
Loegering Mavis	11/09/99	M-33	5910	DRO	<	0.50000	Energy Labs
Loegering Mavis	11/09/99	M-33	5910	TDS		435.00000	Energy Labs
Loegering Mavis	11/09/99	M-33	5910	VOC	<	0.00050	Energy Labs

Residence Name - Sample Site	Sample Date	USGS Well Numbering System	P Address Numbering System	Target Analytical Compounds	Below Detection Limit	Results in mg/l	Laboratory where analyzed
Loegering Mavis	01/03/00	M-33	5910	TDS		467.00000	Region 8
Loegering Mavis	01/03/00	M-33	5910	TPH	<	100.00000	Region 8
Loegering Mavis	01/03/00	M-33	5910	VOC - 1,4-dichlorobenzene		0.00072	Region 8
Loegering Mavis	09/21/00	M-33	5910	DRO	<	0.50000	Energy Labs
Loegering Mavis	09/21/00	M-33	5910	SVOC	<	0.00200	Energy Labs
Loegering Mavis	09/21/00	M-33	5910	TDS		433.00000	Energy Labs
Loegering Mavis	09/21/00	M-33	5910	VOC	<	0.00050	Energy Labs
Martell Rene Youpee Josi	11/09/99	M-22	5666	DRO	<	0.50000	Energy Labs
Martell Rene Youpee Josi	11/09/99	M-22	5666	TDS		14,600.00000	Energy Labs
Martell Rene Youpee Josi	11/09/99	M-22	5666	VOC - Chloroform		0.00028	Energy Labs
Martell Rene Youpee Josi	01/03/00	M-22	5666	TPH	<	100.00000	Region 8
Martell Rene Youpee Josi	01/03/00	M-22	5666	VOC - 1,4-dichlorobenzene		0.00058	Region 8
Martell Rene Youpee Josi	09/20/00	M-22	5666	DRO	<	0.50000	Energy Labs
Martell Rene Youpee Josi	09/20/00	M-22	5666	SVOC	<	0.00200	Energy Labs
Martell Rene Youpee Josi	09/20/00	M-22	5666	TDS		16,100.00000	Energy Labs
Martell Rene Youpee Josi	09/20/00	M-22	5666	VOC	<	0.00050	Energy Labs
PSA Building raw water - Ft. Peck Tribe	01/27/99			VOC - 1,4-dichlorobenzene		0.00049	Energy Labs
PSA Building raw water - Ft. Peck Tribe	01/27/99			VOC - 1,4-dichlorobenzene		0.00046	Energy Labs

Residence Name - Sample Site	Sample Date	USGS Well Numbering System	P Address Numbering System	Target Analytical Compounds	Below Detection Limit	Results in mg/l	Laboratory where analyzed
PSA Building raw water - Ft. Peck Tribe	01/27/99			VOC - bromodichloromethane		0.00420	Energy Labs
PSA Building raw water - Ft. Peck Tribe	01/27/99			VOC - bromodichloromethane		0.00390	Energy Labs
PSA Building raw water - Ft. Peck Tribe	01/27/99			VOC - bromoform		0.00140	Energy Labs
PSA Building raw water - Ft. Peck Tribe	01/27/99			VOC - bromoform		0.00120	Energy Labs
PSA Building raw water - Ft. Peck Tribe	01/27/99			VOC - chlorodibromomethane		0.00290	Energy Labs
PSA Building raw water - Ft. Peck Tribe	01/27/99			VOC - chlorodibromomethane		0.00300	Energy Labs
PSA Building raw water - Ft. Peck Tribe	01/27/99			VOC - chloroform		0.00420	Energy Labs
PSA Building raw water - Ft. Peck Tribe	01/27/99			VOC - chloroform		0.00400	Energy Labs
QAQC	01/04/00		5632	VOC - 1,4-dichlorobenzene		0.00061	Region 8
QAQC Blank	12/02/99			TDS	<	5.00000	Region 8
QAQC Trip Blank	01/28/99			VOC	<	0.00050	Energy Labs
QAQC Trip Blank	11/02/99			VOC	<	0.00050	Energy Labs
QAQC Trip Blank	12/23/99			VOC	<	0.00100	Energy Labs
QAQC Trip Blank	09/20/00			VOC	<	0.00050	Energy Labs
QAQC Trip Blank Huber #5D	09/29/00			VOC	<	0.00050	Energy Labs
QAQC Trip Blank Murphy #1D	09/29/00			VOC	<	0.00050	Energy Labs
Richards Trish Travis	11/17/99		5021	DRO	<	0.50000	Energy Labs
Richards Trish Travis	11/17/99		5021	DRO	<	0.50000	Energy Labs

Residence Name - Sample Site	Sample Date	USGS Well Numbering System	P Address Numbering System	Target Analytical Compounds	Below Detection Limit	Results in mg/l	Laboratory where analyzed
Richards Trish Travis	11/17/99		5021	TDS		1,860.00000	Energy Labs
Richards Trish Travis	11/17/99		5021	TDS	<	0.00050	Energy Labs
Richards Trish Travis	11/17/99		5021	TDS		1,990.00000	Energy Labs
Richards Trish Travis	11/17/99		5021	VOC	<	0.00050	Energy Labs
Richards Trish Travis	01/04/00		5021	TDS		1,986.00000	Region 8
Richards Trish Travis	01/04/00		5021	TPH	<	100.00000	Region 8
Richards Trish Travis	01/04/00		5021	VOC - 1,4-dichlorobenzene		0.00058	Region 8
Ricker George Helen	03/11/99	M-25	5712	DRO	<	0.50000	Energy Labs
Ricker George Helen	06/30/99	M-25	5712	DRO	<	0.50000	Energy Labs
Ricker George Helen	06/30/99	M-25	5712	TDS		4,890.00000	Energy Labs
Ricker George Helen	06/30/99	M-25	5712	VOC	<	0.00050	Energy Labs
Ricker George Helen	11/09/99	M-25	5712	DRO	<	0.50000	Energy Labs
Ricker George Helen	11/09/99	M-25	5712	TDS		4,450.00000	Energy Labs
Ricker George Helen	11/09/99	M-25	5712	VOC	<	0.00050	Energy Labs
Ricker George Helen	01/03/00	M-25	5712	TPH	<	100.00000	Region 8
Ricker George Helen	01/03/00	M-25	5712	VOC - 1,4-dichlorobenzene		0.00056	Region 8
Ricker George Helen	09/21/00	M-25	5712	DRO	<	0.50000	Energy Labs
Ricker George Helen	09/21/00	M-25	5712	SVOC	<	0.00200	Energy Labs
Ricker George Helen	09/21/00	M-25	5712	SVOC - dup	<	0.00200	Energy Labs
Ricker George Helen	09/21/00	M-25	5712	TDS		5,840.00000	Energy Labs
Ricker George Helen	09/21/00	M-25	5712	VOC	<	0.00050	Energy Labs
Trottier Tim	01/27/99	M-29	5713	Benzene		0.07800	Energy Labs
Trottier Tim	01/27/99	M-29	5713	Benzene		0.05800	Energy Labs

Residence Name - Sample Site	Sample Date	USGS Well Numbering System	P Address Numbering System	Target Analytical Compounds	Below Detection Limit	Results in mg/l	Laboratory where analyzed
Trottier Tim	01/27/99	M-29	5713	Methylene chloride		0.00170	Energy Labs
Trottier Tim	01/27/99	M-29	5713	Methylene chloride		0.00180	Energy Labs
Trottier Tim	03/11/99	M-30	5712	DRO	<	0.50000	Energy Labs
Trottier Tim	03/11/99	M-30	5712	VOC	<	0.00050	Energy Labs
Trottier Tim	06/30/99	M-30	5712	DRO	<	0.50000	Energy Labs
Trottier Tim	06/30/99	M-30	5712	TDS		1,850.00000	Energy Labs
Trottier Tim	06/30/99	M-30	5712	VOC	<	0.00050	Energy Labs
Trottier Tim	11/09/99	M-30	5713	Chloroform		0.00036	Energy Labs
Trottier Tim	11/09/99	M-30	5713	DRO	<	0.50000	Energy Labs
Trottier Tim	11/09/99	M-30	5713	DRO	<	0.50000	Energy Labs
Trottier Tim	11/09/99	M-30	5713	TDS		1,840.00000	Energy Labs
Trottier Tim	11/09/99	M-30	5713	TDS		1,820.00000	Energy Labs
Trottier Tim	11/22/99	M-30	5713	DRO	<	0.50000	Energy Labs
Trottier Tim	11/22/99	M-30	5713	TDS		1,620.00000	Energy Labs
Trottier Tim	11/22/99	M-30	5713	VOC	<	0.00050	Energy Labs
Trottier Tim	01/03/00	M-30	5713	TDS		1,767.00000	Region 8
Trottier Tim	01/03/00	M-30	5713	TDS		1,964.00000	Region 8
Trottier Tim	01/03/00	M-30	5713	TPH	<	100.00000	Region 8
Trottier Tim	01/03/00	M-30	5713	TPH	<	100.00000	Region 8
Trottier Tim	01/03/00	M-30	5713	VOC - 1,4-dichlorobenzene		0.00101	Region 8
Trottier Tim	09/29/00	M-30	5713	DRO	<	0.50000	Energy Labs
Trottier Tim	09/29/00	M-30	5713	DRO	<	0.50000	Energy Labs
Trottier Tim	09/29/00	M-30	5713	SVOC	<	0.00200	Energy Labs
Trottier Tim	09/29/00	M-30	5713	SVOC	<	0.00200	Energy Labs
Trottier Tim	09/29/00	M-30	5713	TDS		1,760.00000	Energy Labs
Trottier Tim	09/29/00	M-30	5713	TDS		1,820.00000	Energy Labs
Trottier Tim	09/29/00	M-30	5713	VOC	<	0.00050	Energy Labs
Trottier Tim	09/29/00	M-30	5713	VOC	<	0.00050	Energy Labs
Whitmer Donna Warren	03/11/99		58702	DRO	<	0.50000	Energy Labs

Residence Name - Sample Site	Sample Date	USGS Well Numbering System	P Address Numbering System	Target Analytical Compounds	Below Detection Limit	Results in mg/l	Laboratory where analyzed
Whitmer Donna Warren	03/11/99		58702	VOC	<	0.00050	Energy Labs
Whitmer Donna Warren	06/30/99		58702	DRO	<	0.50000	Energy Labs
Whitmer Donna Warren	06/30/99		58702	TDS		1,950.00000	Energy Labs
Whitmer Donna Warren	06/30/99		58702	VOC	<	0.00050	Energy Labs
Whitmer Donna Warren	11/09/99		58702	DRO	<	0.50000	Energy Labs
Whitmer Donna Warren	11/09/99		58702	TDS		1,920.00000	Energy Labs
Whitmer Donna Warren	11/09/99		58702	VOC - Chloroform		0.00040	Energy Labs
Whitmer Donna Warren	11/09/99		58702	VOC - Chloroform		0.00028	Energy Labs
Whitmer Donna Warren	01/03/00		58702	TDS		1,970.00000	Region 8
Whitmer Donna Warren	01/03/00		58702	TPH	<	100.00000	Region 8
Whitmer Donna Warren	01/03/00		58702	VOC - 1,4-dichlorobenzene		0.00067	Region 8
Whitmer Donna Warren	09/20/00		58702	DRO	<	0.50000	Energy Labs
Whitmer Donna Warren	09/20/00		58702	SVOC	<	0.00200	Energy Labs
Whitmer Donna Warren	09/20/00		58702	TDS		2,120.00000	Energy Labs
Whitmer Donna Warren	09/20/00		58702	VOC	<	0.00050	Energy Labs
Zimmerman Bill	09/28/00	M-1	5448	DRO	<	0.50000	Energy Labs

Residence Name - Sample Site	Sample Date	USGS Well Numbering System	P Address Numbering System	Target Analytical Compounds	Below Detection Limit	Results in mg/l	Laboratory where analyzed
Zimmerman Bill	09/28/00	M-1	5448	SVOC	<	0.00200	Energy Labs
Zimmerman Bill	09/28/00	M-1	5448	TDS		2,870.00000	Energy Labs
Zimmerman Bill	09/28/00	M-1	5448	VOC	<	0.00050	Energy Labs

All pages of This Spread Sheet (19 pages)

7/19/99

FORT PECK
EAST POPLAR FIELD
GROUND WATER CONTAMINATION

T28N R51E

	WELL NAME	WELL TYPE	WELL STATUS (Known At This Time)	DATE CONSTRUCTED AND/OR PLUGGED
Sec 1 T28N R51E				
C SW NW	Murphy 3	P	TA'd	Completed 5/25/52 by C.H. Murphy, Jr. 5/28/63 rework for collapsed casing by Murphy Corporation, TA'd 10/4/67, recompleted 3/19/68, TA'd again 8/7/68 by Murphy Oil Corporation
C SW NE	Murphy 99	P	Abandoned	Completed and TA'd 10/1/57, Plugged 8/10/62 by Murphy Corporation
NE SE	Murphy 76	P	Abandoned	Completed 5/29/56 by Murphy Corporation, 9/28/76. Plugged by Murphy Oil Corporation

Sec 2 T28N R51E	3 Tank Batteries C, G, & A (Pits at each)			
SW NE	Murphy 1	P	Active	Completed 3/13/52 by C.H. Murphy, Jr., Rework 12/29/59 to repair leaks between two zones-(tubing)?,by Murphy Corporation
C SE NW	Murphy 18 Also known as: Zimmerman EPU #18 or the 7-B Well	P	Shut-in	Completed 12/15/52 by C.H. Murphy Jr., rework 8/31/92 by Murphy Oil USA, Inc.
SW NE	Murphy 2-D Also known as: EPU 2-D	I	Abandoned	Originally drilled as a fresh water well in 1951 into Judith River, but it was too salty, tried to convert to SWD, packer stuck in hole, filled hole with mud, 11/13/62 by Murphy Oil Corporation, Sundry notice by Murphy Oil USA, Inc. 11/12/92. 6/30/93 - Plugged by Murphy Exploration & Production Co.
SE SE	Zimmerman EPU 116 - New Well	P	Active	Completed 5/5/97 by Murphy Exploration & Production Co.

C SW SW	Zimmerman EPU #5 Also known Murphy #5 or the 7-A Well	P	Active	Completed 7/20/52 by C. H. Murphy, Jr.
C SE SE	Murphy 17	P	Abandoned	Completed 3/27/53 by Murphy Corporation, 9/14/92 Casing on well collapsed at 4013', well TA'd. By Murphy Oil USA, Inc. 3/1/94, proposal to P&A by Murphy Exploration & Production Company, actually P&A'd 2/20/96.
Sec 3 T28N R51E	2 Tank Batteries Murphy 80-D & F (Pit at each)			
SW NW	Murphy 80-D Also known as: Tribal Unit #80-D	I	Active	Completed 7/29/56 by Murphy Corporation, Convert to Disposal 9/30/63 by Murphy Corporation.
	Murphy 82	P		No one has any records, but BLM believed permitted but never drilled???

C SW SE	Murphy 12	P	Active	Completed 12/5/52 by Murphy Corporation, rework 3/14/56 casing leak, perf & Squeeze??, Rework 11/4/64 Pinpoint casing leak both by Murphy Oil Corporation.
C SE SE	Murphy 14	P	TA'd	Completed 6/9/55 by Murphy Corporation, TA'd 3/4/65.
SEC 4 T28N R51E				
SW NW	Murphy 59-D	Injector (I)	Abandoned	Completed 7/21/55, by Murphy Corporation, P&A 8/18/86 Murphy Oil USA, Inc. ** See Report**
C SW NE	Murphy 45	Producer (P)	TA'd	Completed 8/23/54, by Murphy Corporation, TA'd 7/19/66 (tubing pulled), by Murphy Corporation
Sec 9 T28N R51E				
SE NE	Murphy 67	P	Abandoned	Completed 12/12/55 by Murphy Corporation, Plugged 9/28/76 by Murphy Oil Corporation

Sec 10 T28N R51E	Tank Batteries:South Central, R, D, 8-D, Pump Station, and 6 Pits	Pits at Polumbus 1-W, Murphy 13, Murphy 8-D, Murphy Pump Station, South Central TB ?		
NW NW	Murphy 11 (allotted land)	P	Abandoned USGS MAP SHOWS-Active	VERBAL INFO - NEED COPIES: Completed 10/21/52 - P&A 12/3/97 -Murphy
NW NE	Polumbus (Huber) 4 (fee land)	I	Abandoned	Completion 10/5/52 as a producer by C.C. Thomas. P&A 5/12/69 by E.A. Polumbus Jr. Reentered and converted to injector 9/11/70 (only part of report, company name not included. Intention to P&A submitted by Grace Petroleum Corporation - 10/18/82 NO RECORD P&A COMPLETED. SEE NOTE ON THE 4A IN THE NOTICE OF INTENTION TO P&A (Samson Resources???)

NW NE (50 feet east of Huber #4)	Polumbus (Huber) 4-A	P	Active	12/11/65 Well completed by E.A. Polumbus Jr into the Charles B-1 Zone. 12/15/69 Recompletion Attempt by Polumbus Corporation into the Heath, kept perfs, went back to using the Charles B-1 Zone 12/7/71 - Perforated the upper Charles B-2, will produce simultaneous with the Charles B-1 by the Polumbus Corporation 3/20/95 Intent to pull packer an comingle production fluids from both production zones by the Murphy Exploration & Porduction Company. 2/20/96 Well rework to repair casing leak at 1300 and 121 feet. Squeezed casing leaks. Reset packer previously pulled. By Murphy Exploration & Production Company.

NE	Polumbus (Huber) 1-W (fee land)	I	Abandoned??	Completed 10/30/61 by E.A.. Polumbus Jr. Only record we have to date. (Verbal info indicated Samson Resources is invovled??)
NENE	Polumbus (Huber) 3 (fee land)	P	Active	Completed 8/17/52 by C.C. Thomas Recompleted 1/23/63 by Polumbus Recompleted 5/17/69 , indicates that E.A. Polumbus did this work.(verbal information indicates it was Murphy???)
***SENW	Murphy 13 (allotted land)	P	?	MAY HAVE BEEN PERMITTED, BUT NOT DRILLED????
SWNE	Polumbus (Huber) 2 (fee land)	P	Active	Completed by C.C. Thomas 7/12/52. Well Reworked by E.A. Polumbus Jr, on 5/28/69.

***SESWNE	Murphy 5 (fee land)	P	TA'd	VERBAL INFO - NEED COPIES: Completed 2/6/68 by Polumbus Converted to Injector 12/19/97 by Murphy
***SWNW	Polumbus (Huber) 1 (fee land)	P	Active	VERBAL INFO - NEED COPIES: Completed 5/15/52 Change operator 9/15/86 to Murphy
CNWSE	Murphy 8-D (fee land)	I	Active	Completed 9/5/52 as a production well by Murphy Corporation Oil Well was temporarily abandoned 12/10/65 by Murphy Oil Corporation Re-completed 1/26/73 as a SWD well into the Dakota Sands by Murphy Oil Corporation Reworked, set bridge plug at 1000' and perforated into the Judith River formation 7/21/78 by Murphy Oil Corporation

E SW NE	(Murphy) Huber 5 SWD Previously known as the Huber 5 (Production)	I	Active	2/6/69 Completed as a production well by E.A. Polumbus Jr. (Signal Drilling Co.) 9/17/71 - Rework to add additional production zone by The Polumbus Corporation. 11/17/97 converted to a Salt Water Disposal Well by Murphy Exploration & Production Company
	? No Name Well on USGS map NWSE	?	?	NO INFO??
NESE	Murphy 6 (fee land)	P	Active	Completed 8/16/52 by C.H. Murphy Jr., et al. 7/4/64 Rework to shut in C Zone, due to packer failures, zone shirt-in by packer.. Producing from B zone only. 12/10/63, rework to add C zone to B for inc. production by Murphy Corporation.

SENESE	Grace 110x (Also known as EPU 110x &EPA 110x-D)	I	Abandoned	6/17/69 Completed by The Polumbus Corporation. 10/11/73 converted to a SWD well by The Polumbus Corporation. NO RECORD OF BEING ABANDONED.
Sec. 11 T28N R51E	Tank Battery K 3 pits 2 @ TB K & one at Murphy 100			
NWNW	Murphy 15	P	Active	3/3/53 Completed by Murphy Corporation 6/10/69 Rework well to change production zones by Murphy Oil Corporation 9/9/72 Rework to change production zones by Murphy Oil Corporation.

SW NW	Murphy 7 also known as EPU #7	P	Active	Completed as producer 1/10/53 by Murphy Corporation 6/11/63 Well reworked to add the C Zone, so double completed to B & C Zones by Murphy Corporation 10/21/66 Well Reowrk to shut-in the C Zone and perforate the Heath Sands.

SWNE	Murphy 68	P	TA'd	Completed 12/14/55 by Murphy Corp. TD 5951 into Madison "A" zone 2/27/57 - Well Rework to removed salt deposit, desired result not obtained by Murphy Corporation 4/30/62 Well reworked to DOC squeeze the A-3 zone perfsby Murphy. Corporation 9/30/68 Well rework to open up the B-1 zone and perf. By the Murphy Oil Corporation 3/31/69 Well Temporarily abandoned by the Murphy Oil Corporation 2/18/93 - A report by Murphy Oil, USA, Inc. verified the well is still TA'd

C SW SW	Murphy 9	P	Active	9/20/52 Well completed by Murphy Corporation. 3/25/63 - Rework well to locate collapsed collar on casing @ 3823' and casing leak @ 3874. Squeezed casing leaks, pressure tested squeeze to 1500# by Murphy Corporation.
SWSE	Murphy 100	P	Active	Completed 7/23/57 into the Madison by Murphy Corp. TD5926 1/28/59 Reworked well to stimulate production. By Murphy Corporation 7/5/63 Repaired casing leak @ 3937' with casing patch. 7/26/63 Casing patch collapsed, and required a cement squeeze to repair casing leak.
Sec. 12 T28N R51E				
SW SW	Murphy 24	P	Shut-in???	6/23/53 Well completed by Murphy Corporation NO OTHER INFORMATION ON THIS WELL.

NE	Murphy 61	P	Abandoned	Spudded 7/23/55 by Murphy Corporation TA'd 12/19/55. P&A 12/1/61 ???????
Sec. 13 T28N R51E				
	Murphy 74	P	Abandoned	Completed 5/12/56 into Madison A & B, TD 5930' by Murphy Corp.. P&A 9/28/76 by Murphy Oil Corp.
Sec. 14 T28N R51E	Tank Battery H			
CNW	Murphy 101 (allotted land)	P	Active	VERBAL INFO - NEED COPIES: Completed 12/7/57 by Murphy
SWSWNE	Murphy 20 (fee land)	P	Active	VERBAL INFO - NEED COPIES: Completed 3/14/53 by Murphy
SWSE	Murphy 104 (allotted land)	P	Active	VERBAL INFO - NEED COPIES: Completed 6/8/58 by Murphy

SWSWSW	Murphy 22 (allotted land)	P	Shut-in	Completed 4/27/53 by Murphy in zone C-1 Madison fm INFORMATION FROM WORKOVER RECORDS, NEED ORIGINAL COMPLETION INFORMATION AND AND FURTHER INFO ON ITS SHUT-IN STATUS
Sec. 15 T28N R51E				
SWNE	Murphy 32 (tribal land)	P	Shut-in	VERBAL INFO - NEED COPIES: Completed 4/21/54 by Murphy
Sec. 16 T28N R51E				
	Thomas & Wagner	P	Abandoned	NO INFO
Sec. 21 T28N R51E				
CNWSE	Juniper 1-21 (allotted land)	P	Abandoned	Completed 6/13/80 by Juniper Petroleum P&A 9/10/81 by Juniper
Sec. 22 T28N R51E	One pit near Mesa 1-W and unnamed well			

***CNWSW	TXO -1 Also Known as Buckles "B" #1 (fee land)	P	Abandoned	Completed 10/19/81 by Texas Oil and Gas P&A 5/25/84 by TXO Production Corp.
NWSENW	TXO-SWD-1 Also known as Buckles SWD #1 (allotted land)	I	Abandoned	Completed 5/25/81 by Texas Oil & Gas into M Judith River TD960 P&A 5/24/84 by TXO Production Corp.
CSENW	Buckles A-1 (allotted land)	P	Abandoned	Well Completed 5/4/81 by TXO Production into Charles "C" TD5937 P&A 5/25/84 by TXO Production Corp.
CNWSW	Mesa 1-22 (Biere) (fee land)	P	Abandoned	Completed 6/8/70 by Meas Petroleum Co. into Charles "C" P&A 5/17/84 by Mesa Petroleum Co.
SWNWSW	Mesa 1-W (Biere) (fee land)	I	Abandoned	Completed 7/9/70 into the M Judith River by Mesa Petroleum Co. P&A 9/15/84 by Mesa Petroleum Co.

Relief Well mentioned in Biere 1-22 workover records and in interview with retired inspector Joe Simonson in reference tto Mesa 1-W???????	Unnamed well near Mesa 1-W	?	?	NO INFO
SWSE	Murphy 72 (allotted land)	P	Abandoned	Spudded 3/16/56 by Murphy Oil Corp. P&A 4/10/56 by Murphy Oil Corp.
Sec. 23 T28N R51E				
CSWNE	Murphy 26 (Also known as Fed. Unit #26) (tribal)	P	Abandoned	Completed 8/8/53 by Murphy Corp. into the Madison "A" P&A 10/16/84 by Murphy Oil Corp.
CNzWSW	Murphy 55 (Also known as Fed. Unit 55) (tribal land)	P	Active	Completed 6/14/55 by Murphy Corp. in the M Judith River
NENESW	Murphy 3-G (also known as the Fed. Unit 3-G) (tribal land)	P	Abandoned	Spudded 12/7/52 by Murphy Corp. P&A 12/10/52 by Murphy Corp.
Sec. 24 T28N R51E	Pit near Murphy 44 - status unk.			

SWSW	Murphy 44 (allotted)	P	Abandoned	VERBAL INFO - NEED COPIES: Completed in 10/28/54 by Murphy P&A 11/3/0/59 by Murphy
Sec.25 T28N R51E				
NWSWNE	Tenneco 1 (fee land)	P	Abandoned	VERBAL INFO - NEED COPIES: Completed 12/15/66 by Tenneco Oil P&A 5/17/68 by Tenneco
Sec. 26 T28N R51E				
CNWNE	Natol 1-26 (Also known as the Sioux 1-26) (allotted land)	P	Abandoned	VERBAL INFO - NEED COPIES: Completed 2/28/71 by Natol P&A 5/25/71 by Natol Petroleum Corp.
NESW	Patee 1 (Also known as the Ctlin #1) (Alotted land)	P	Abandoned	VERBAL INFO - NEED COPIES: Completed 6/13/65 by W.C. Partee Abandoned 10/21/65 by W.C. Partee
Sec. 27 T28N R51E				

CNWNW	Amarco Schmidt 1-27 (also known as Fed. 1-27) (tribal land)	P	Abandoned	VERBAL INFO - NEED COPIES: Spudded 6/20/73 by Amarco Resources TD in Charles "C" P&A 7/3/73
CSWNE	Murphy 63 (also known as Fed. Unit 63) (tribal land)	P	Abandoned	Completed 2/8/56 by Murphy Corp. into Kibbey Lm. P&A 8/10/62 by Murphy Corp.
Sec. 33 T28N R51E				
	Ajax 1	P	Abandoned	NO INFO
Sec. 34 T28N R51E				
	Mapco 3-34	P	Abandoned	NO INFO
Sec. 35 T28N R51E				
	Empire State 1	P	Abandoned	NO INFO

PROVISIONAL

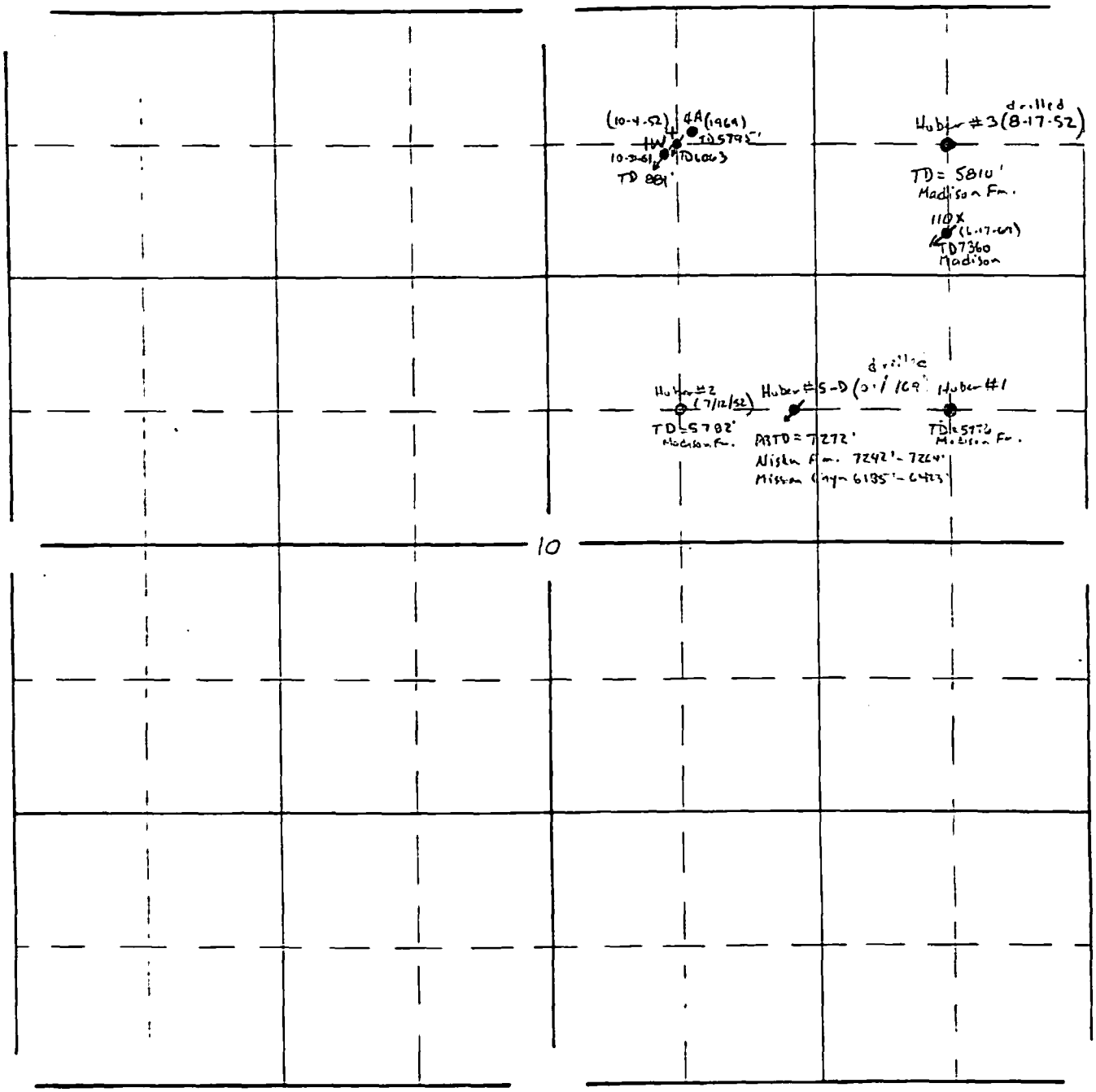
Physical properties and major-ion concentrations in water samples collected from privately owned wells and monitoring wells in the East Poplar oil field, Fort Peck Indian Reservation, northeastern Montana. Dates in bold type apply to samples collected after sample completion for U.S. Geological Survey Open-File Report 95-749 (refer to Table 6 in this report for explanation of headings and footnotes).

Well name	Site number	Geo-logic unit	Depth of well (feet)	Collect-ing agency	Analy-zing agency	Date sample collected	Specific conduct-ance, onsite (µS/cm)	pH, onsite (stan-dard units)	Water temper-ature, onsite (°C)	Den-sity (g/mL at 20°C)	Hard ness, total (mg/L as $CaCO_3$)	Calcium, dis-solved (mg/L as Ca)
M-3	28N51E08ADDA01	Qal	52	USGS	USGS	08-23-90	[1]2,050	7.7	11.0	--	280	48
				USGS	USGS	**09-03-97**	3,420	7.6	10.0	--	--	100
M-25	28N51E17DADA01	Qt	102	--	YSB	02-10-75	[1]1,080	[1]7.2	--	--	180	34
				USGS	USGS	08-25-90	4,400	7.4	10.5	--	900	160
				USGS	USGS	**09-03-97**	5,770	7.4	10.5	--	--	230
FPB92-12	28N51E22BBBB01	Qt	68	USGS	USGS	07-24-93	3,050	7.3	11.0	1.001	1,800	280
				USGS	USGS	**06-24-98**	2,120	7.5	12.0		1,200	170
FPB93-3	28N51E22CBCB01	Qt	81	USGS	USGS	07-21-93	98,600	6.6	18.0	1.046	4,400	1,200
				USGS	USGS	**08-28-97**	96,700	6.7	22.5	--	--	1,100
				USGS	USGS	**[4]06-24-98**	94,500	6.6	24.5	--	--	1,100
				USGS	USGS	**[4]06-24-98**	94,500	6.6	24.5	--	--	1,100
FPB93-3A	28N51E22CBCB02	Qt	49	USGS	USGS	07-20-93	97,200	6.5	19.0	1.045	4,500	1,300
				USGS	USGS	**07-27-97**	95,000	6.6	23.5	--	--	870
				USGS	USGS	**06-24-98**	92,500	6.7	25.5		3,300	920
M-30	28N51E27ABAA01	Qt	135	--	ASCHM	[3]10-11-89	[1]1,310	[1]8.2	--	--	280	44
				--	ASCHM	[3]11-09-89	[1]1,550	[1]7.6	--	--	570	95
				--	ELAB	12-15-89	[1]1,760	[1]7.5	--	--	300	32
				USGS	USGS	[4]08-24-90	1,120	7.2	17.5	--	400	71
				USGS	USGS	[4]08-24-90	1,120	7.2	17.5	--	410	72
				USGS	USGS	09-16-91	--	--	--	--	--	--
				USGS	USGS	04-15-92	1,550	7.2	7.0	.997	530	89
				USGS	USGS	**09-03-97**	2,490	7.3	15.5	--	--	120
				USGS	USGS	**06-25-98**	2,370	7.5	12.0	--	720	110
M-31	28N51E27BBBB01	Qt	68	--	ELAB	05-23-85	[1]3,470	[1]7.6	--	--	1,600	250
				--	CHNO	11-21-88	[1]15,400	[1]6.7	--	--	7,600	1,230
				--	ASCHM	03-10-89	--	--	--	--	--	1,500
				USGS	USGS	07-24-89	25,000	6.8	10.5	--	11,000	1,800
				USGS	USGS	08-27-90	48,000	6.5	11.5	--	16,000	2,800
				USGS	USGS	01-31-91	[1]52,700	5.8	7.0	--	16,000	2,900
				USGS	USGS	05-08-91	51,400	[1]6.7	11.5	--	16,000	2,900
				USGS	USGS	[4]07-22-91	63,000	6.3	10.0	--	16,000	2,900
				USGS	USGS	[4]07-22-91	63,000	6.3	10.0	--	16,000	3,000
				USGS	USGS	04-15-92	50,000	6.5	11.0	1.033	14,000	2,800
				USGS	USGS	07-23-93	81,500	6.6	10.5	1.038	12,000	2,800
				USGS	USGS	**08-28-97**	89,800	6.8	11.0	--	--	2,000
				USGS	USGS	**06-25-98**	88,500	6.8	11.0	--	8,000	1,820
	28N51E29AACC01	Qal	72	IHS	ASCHM	**11-04-94**	[1]1,846	[1]7.7		--	--	95
				USGS	USGS	**08-27-97**	2,690	[1]7.6		--	--	100
M-36	28N51E33BBBB01	Qt	120	--	CHNO	03-17-89	[1]2,630	[1]7.4	--	--	660	120
				USGS	USGS	08-24-90	2,670	7.1	11.0	--	760	140
				USGS	USGS	**09-03-97**	3,330	7.3	9.5	--	--	170
FPB92-13	29N51E20DABB01	Qal	56	USGS	USGS	08-15-93	14,200	7.5	--	1.003	2,900	500
				USGS	USGS	**06-25-98**	13,000	7.5	10.0	--	2,000	350
FPB92-10	29N51E31BDBA01	Qal	40	USGS	USGS	08-10-93	8,900	6.9	16.5	1.002	2,200	520
				USGS	USGS	**06-25-98**	4,420	7.4	12.0	--	--	240
FPB92-8	29N51E31DBDD01	Qal	33	USGS	USGS	08-12-93	31,500	7.2	9.5	1.010	2,000	450
				USGS	USGS	**08-28-97**	20,500	7.6	11.5	--	--	290
FPB92-3	29N51E32BAAD01	Qal	39	USGS	USGS	08-14-93	35,400	7.3	12.0	1.012	2,000	380
				USGS	USGS	**07-26-97**	5,800	8.4	9.5	--	--	19
W-15	29N51E32BBBB01	Qal	49	USGS	USGS	11-03-82	120,000	6.6	25.0	--	7,800	2,500
				USGS	USGS	07-23-89	65,000	6.7	16.0	--	5,000	1,500
				USGS	USGS	**08-26-97**	15,300	7.5	14.0	--	--	430

note kmf date + TDS

PROVISIONAL

Magnesium, dissolved (mg/L as Mg)	Sodium, dissolved (mg/L as Na)	Sodium adsorption ratio	Potassium, dissolved (mg/L as K)	Alkalinity, onsite (mg/L as $CaCO_3$)	Sulfate, dissolved (mg/L as SO_4)	Chloride, dissolved (mg/L as Cl)	Fluoride, dissolved (mg/L as F)	Bromide, dissolved (mg/L as Br)	Iodide, dissolved (mg/L as I)	Dissolved solids, computed (mg/L)	Site number
38	360	9	6.1	436	230	260	.2	.16	.020	1,220	28N51E08ADDA01
71	469	9	8.1	442	240	660	--	--	--	1,830	
22	220	7	--	[1]380	180	64	.4	--	--	757	28N51E17DADA01
120	530	8	8.7	342	150	1,100	.2	.37	.068	2,300	
145	657	8	11	316	200	1,400	--	--	--	2,900	
270	100	1	13	445	1,500	15	.6	.19	.007	2,470	28N51E22BBBB01
190	75	.9	[1]365	923	923	14	.5	--	--	1,630	
320	20,000	130	290	539	1,500	35,000	--	6.0	.440	58,700	28N51E22CBCB01
255	23,600	170	410	444	1,600	37,000	--	--	--	64,400	
250	24,000	170	430	[1]438	1,500	40,000	<.1	--	--	67,900	
250	24,000	170	400	[1]438	1,500	40,000	<.1	--	--	67,100	
290	22,000	140	280	571	1,200	38,000	--	5.9	.440	63,500	28N51E22CBCB02
230	23,400	180	400	528	950	40,000	--	--	--	65,700	
230	23,500	180	430	[1]522	880	39,000	<.1	--	--	65,300	
41	220	6	8	[1]395	150	160	--	--	--	856	28N51E27ABAA01
80	335	6	8	[1]886	380	24	--	--	--	1,445	
54	320	0	11	[1]788	230	11	.5	--	--	1,110	
54	100	2	4.9	530	81	11	.4	.04	.006	671	
55	110	2	4.6	530	80	11	.5	.04	.007	684	
--	200	--	--	--	--	27	--	--	--	--	
74	200	4	6.1	[1]750	220	22	.4	0.10	.016	1,100	
103	313	5	7.0	951	440	23	--	--	--	1,600	
110	300	5	6.3	[1]960	420	30	.4	--	--	1,590	
240	370	--	6	[1]753	1,500	85	--	--	--	2,930	28N51E27BBBB01
1,100	970	5	20	[1]499	1,300	5,200	.3	--	--	10,100	
1,300	1,200	--	19	[1]526	950	6,700	--	--	--	12,300	
1,600	1,700	7	28	510	1,200	9,700	<.1	5.8	.066	16,400	
2,200	5,400	19	41	404	1,000	21,000	<.1	8.7	.150	32,800	
2,100	6,900	24	44	[1]449	1,200	22,000	5.1	9.6	<.110	35,500	
2,200	8,200	28	50	[1]446	1,400	25,000	8.2	9.2	.092	40,100	
2,000	9,000	31	52	466	1,200	23,000	1.9	8.1	.072	38,500	
2,100	9,200	32	49	466	1,300	25,000	1.9	9.0	.074	41,000	
1,800	11,000	40	61	[1]416	1,800	29,000	3.2	9.6	.087	46,800	
1,300	14,000	55	57	511	1,300	32,000	--	7.4	.110	51,900	
844	19,000	90	100	505	1,600	36,000	--	--	--	60,200	
848	19,600	95	110	[1]494	1,600	35,000	<.1	--	--	59,400	
11	299	--	7	410	295	221		--	--	1,170	28N51E29AACC01
65	384	7	6.7	364	260	520	.2	--	--	1,570	
87	380	6	8	[1]604	810	47	.3	--	--	1,810	28N51E33BBBB01
100	400	6	6.4	660	1,000	40	.3	1.6	.190	2,120	
120	433	6	6.9	642	1,100	76	--	--	--	2,370	
410	2,000	16	35	[1]332	170	4,600	.4	3.6	.300	7,960	29N51E20DABB01
280	1,900	18	15	[1]381	175	4,080	<.1	--	--	7,060	
220	950	9	12	263	980	2,100	.3	1.0	.024	4,960	29N51E31BDBA01
94	590	8	8	[1]310	800	860	.2	--	--	2,800	
200	6,300	62	29	396	490	10,000	.7	0.74	.380	18,000	29N51E31DBDD01
121	3,980	50	23	398	420	6,600	--	--	--	11,700	
260	7,100	69	57	453	710	12,000	.8	1.4	.270	20,800	29N51E32BAAD01
13	1,210	53	12	616	350	1,300	--	--	--	3,250	
380	43,000	210	150	[1]172	1,100	67,000	<.1	--	--	114,000	29N51E32BBBB01
290	17,000	110	83	323	770	30,000	.1	9.2	1.1	50,000	
163	2,970	31	20	245	450	5,400	--	--	--	9,640	



LEGEND

- Dry Hole
- Oil Well
- Gas Well
- Water Disposal Well
- Water Injection Well
- Abandoned Oil Well
- Abandoned Gas Well
- Abandoned Disposal Well
- Abandoned Injection Well

DATUM

OPERATOR: _____

LSE. NAME & NO. _____

LOCATION: T28N; R51E; S10

COUNTY: _____

DATE. _____

SCALE: 1" = 500'

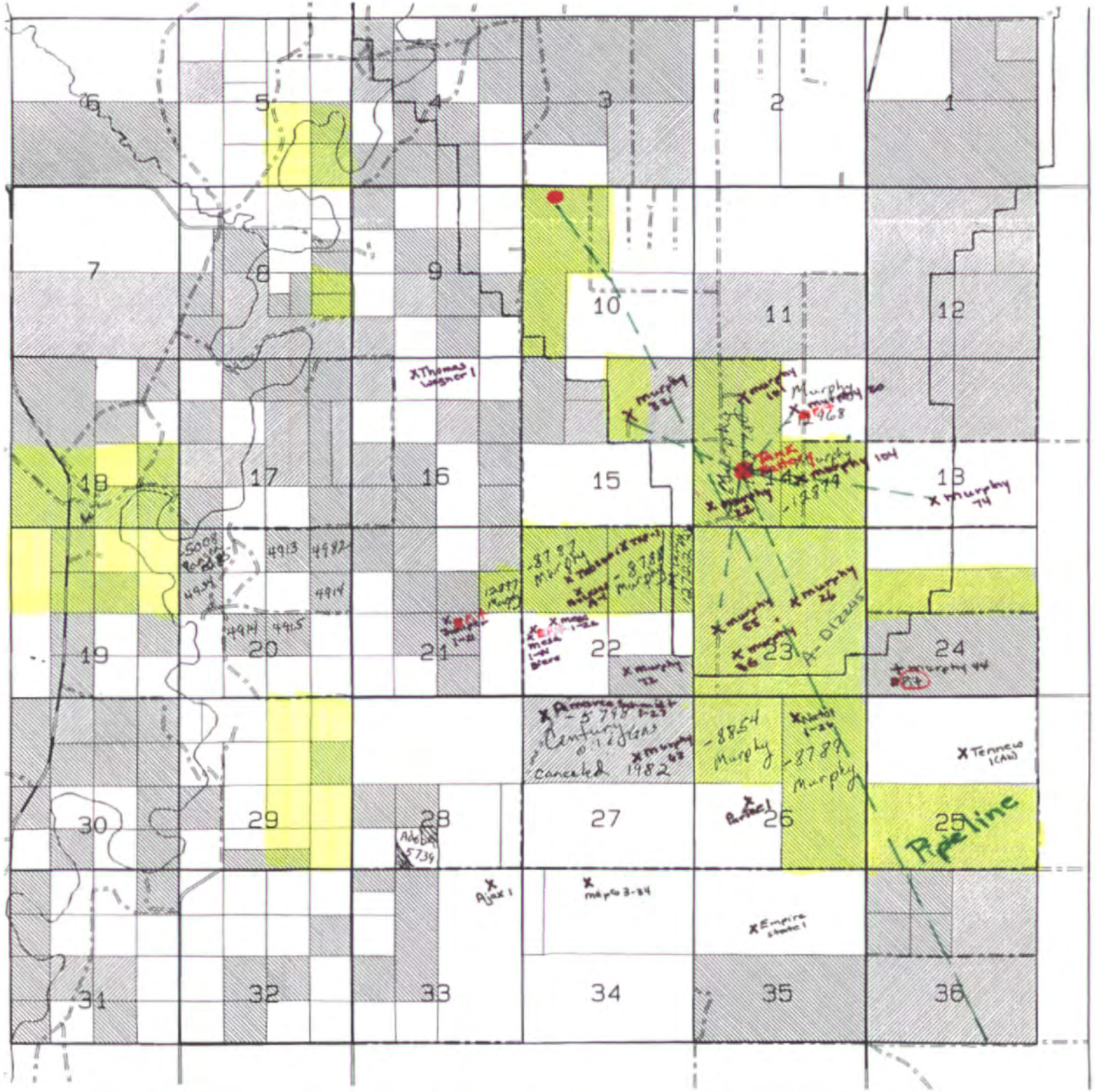
Permit

Cem. Top ○ Sur. Ele.

Plug Int. U.S.D.W.

Plug Int. Inj. Zone

T. D.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Thomas Wagner 1
Murphy 32
Murphy 104
Murphy 74
Murphy 22
Murphy 26
Murphy 44
Murphy 68
Murphy 36
Century of Texas
Canceled 1982
Murphy 63
-8854 Murphy
-8789 Murphy
Tenneco (CAN)
Pipeline
Ajax 1
Emerald 1
5009
4913
4982
4914
4915
5739