Artificial Penetration No. 649

Kilmarnock Oil
Chesson "C" #22

3-6-76

THIS A[illegible]TION MUST BE FILED IN DUPLICATE IN THE APPROPRIATE [illegible]RICT OFFICE.

CM 1306

.M W-1
1/1/81

API Well No. 42
Instruction (7a & b) on back side 361-30400

RAILROAD COMMISSION OF TEXAS
OIL AND GAS DIVISION

☐ Directional Well ☐ Sidetrack ☐ Amended Permit (Explain in Remarks)

RRC Permit Number, if previously assigned.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, PLUG BACK, OR RE-ENTER

Check one: [X] DRILL ☐ DEEPEN (Below Casing) ☐ DEEPEN (Within Casing) ☐ PLUG BACK ☐ RE-ENTER

7. RRC District: 3

8. County: Orange

1. Operator: Kilmarnock Oil Company 461210

4a. Lease Name (32 Spaces Maximum): Chesson "C"

4b. RRC Lease or ID No. (if assigned): 03276

9. Well Number: 2

2. Address (Including City and Zip Code)
P. O. Box 1001
Corsicana, Texas 75110

5. Location (Sec., Blk., Survey): James Dyson

10. Number of Contiguous Acres in Lease or Unitized Tract: 22

6. This well is to be located 1/2 miles East Direction from Orangefield, Nearest Post Office or Town.

11. Distance from Proposed Location to Nearest Lease or Unit Line (ft.): 250'

3. Is Form P-5 (Organization Report) in Exact Operator Name Filed?
YES [X] NO ☐ (Instruction (2) on back side.)

12. Total Depth: 5700'

EACH PROPOSED COMPLETION

REFER TO INSTRUCTIONS ON BACK SIDE. READ CAREFULLY AND FURNISH COMPLETE DATA.

13. FIELD NAME (Exactly as shown on R.R.C. Proration Schedule including Reservoir if applicable.) If Wildcat, so state below. One zone per line. List all zones for which a permit is sought. 67484 001	14. Completion Depth	15. All Prior Rule 37 Exec. Case Numbers for this wellbore. If none, State None.	16. Applicable Field Rules Spacing Pattern. If no Rules, State 467-1200. (ft.)	17. Applicable Field Rules Density Pattern. If no Rules, State 40. (acres)	18. Number of Acres in Drilling Unit for this Well AND DESIGNATE ON PLAT.	19. Is this acreage presently assigned to another well in same res. on same lease? Yes or No. If yes explain in remarks.	20. Distance and Direction from proposed location to nearest drilling completed or applied for well in same res. on same lease (ft.)	21. Is this a 1. Regular or 2. Rule 37 Exc. Location? Check the appropriate box.	22. Oil, Gas, or other Type Well (Specify)	23. Number of completed, permitted or applied for, locations on this lease in same reservoir for which this permit is sought? OIL	GAS
Orange	5700		no rules	no rules	22	No	200'	Regular 1 [X] Rule 37 2 [ ]	oil	4	
								Regular 1 [ ] Rule 37 2 [ ]			
								Regular 1 [ ] Rule 37 2 [ ]			
								Regular 1 [ ] Rule 37 2 [ ]			

24. PERPENDICULAR LOCATION FROM TWO DESIGNATED:
A. Lease Lines 250' FNL and 1280' FWL
B. Survey Lines 492' FNL and 600' FEL

25. (a) Is this wellbore subject to SWR 36? Yes [ ] No [X]
(b) If subject to SWR 36, has Form H-9 been filed? If no, attach explanation.) [ ] [ ]

26. Do you anticipate future use of this wellbore to complete in any penetrated zone not listed in Column 13, for which a Rule 37 or Rule 38 exception is presently required? If Yes, attach a list of such zones and see Instruction #8. Yes [ ] No [X]

27. Is this a pooled unit? YES [ ] (Attach P-12, certified plat, & list of pooled zones) NO [X]

28. Substandard Acreage YES [ ] (Attach W-1A) NO [X]

NOTICE

NO ALLOWABLE WILL BE ASSIGNED to any well which does not have sufficient surface casing to protect all fresh water sands. Where Commission rules do not specify surface casing requirements, it will be necessary to contact Texas Water Development Board, Austin, Texas, to ascertain the depth to which fresh water sands must be protected.

CERTIFICATE

I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I am authorized to make this report, that this report was prepared by me or under my supervision and direction, and that data and facts stated therein are true, correct, and complete, to the best of my knowledge.

REMARKS:

RECEIVED R.R.C. OF TEXAS AUG 17 1981 O.G. DIVISION TEXAS

Signature: agent

Title: 8-14-81

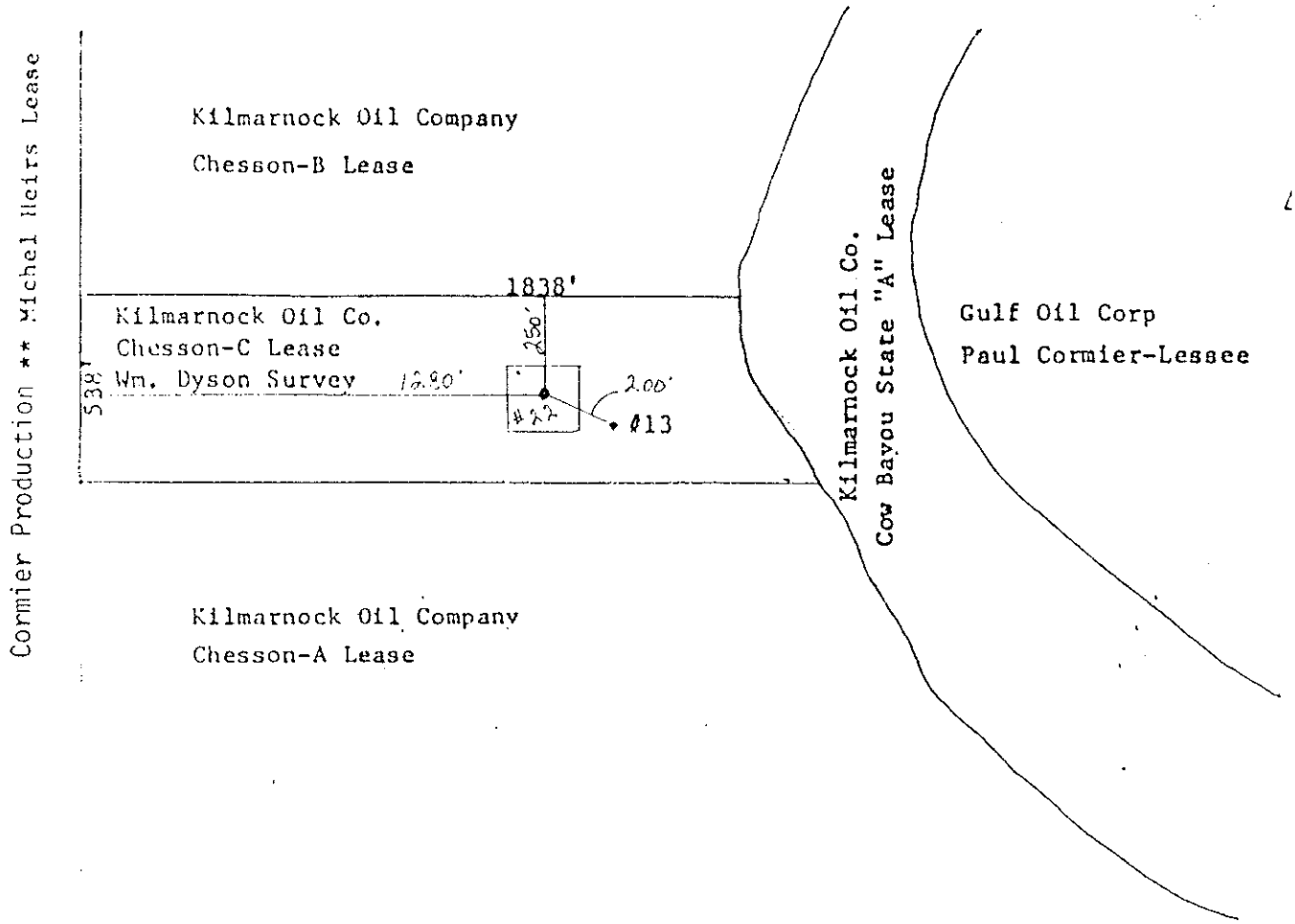
Date

Telephone: Area Code 214-874-4725

READ INSTRUCTIONS ON BACK SIDE AND FURNISH COMPLETE DATA.

RECEIVED

/N



S

1" = 500'

3-0324

RAILROAD COMMISSION OF TEXAS
OIL AND GAS DIVISION

FORM W-2
Rev. 6/12/78

API NO. if Available 42 361 30400

OIL WELL POTENTIAL TEST
COMPLETION OR RECOMPLETION REPORT AND LOG

1. FIELD NAME (as per RRC Records or Wildcat): Orange	2. LEASE NAME: Chesson C	7. RRC District: 3
		8. RRC Lease Number: 03276
3. OPERATOR: Kilmarnock Oil Company		9. Well Number: 22
		10. County: Orange
4. ADDRESS: P. O. Box 1001 Corsicana, Texas 75110		11. Purpose of Test: Initial Potential [X]
5. If Operator has changed within last 60 days — Give former Operator		Retest [ ]
6a. Location (Section, Block, and Survey): James Dyson	6b. Distance and Direction to nearest town in this county: 1/2 mile East of Orange	Reclass [ ]

12. If Workover or Reclass, Give former Field (with Reservoir) & Gas ID or Oil Lease #	FIELD & RESERVOIR	GAS ID or OIL LEASE #	Oil - O Gas - G	WELL #	13. Type of Electric or other Log run	14. Completion or Recompletion Date
					Welex IES	12-15-81

SECTION I

POTENTIAL TEST DATA

15. Date of Test	16. No. of Hours Tested	17. Production Method (Flowing, Gas Lift, Jetting, Pumping — Size & Type of Pump)	18. Choke Size
12-16-81	24	flowing	7/64

	Oil — BBLS	Gas — MCF	Water — BBLS	Gas — Oil Ratio	Flowing Tubing Pressure
19. Production During Test Period /////	30	nil	trace	tstm	300 PSI
20. Calculated 24 Hour Rate /////	30	nil	trace	Oil Gravity — API — 60° 24	Casing Pressure sealed PSI

21. Was Swab Used During this Test? Yes [ ] No [X]

22. Oil Produced Prior to Test (New & Reworked Wells): 20

23. Injection Gas—Oil Ratio

NOTE: TEST SHOULD BE FOR 24 HOURS UNLESS OTHERWISE SPECIFIED IN FIELD RULES

INSTRUCTIONS: All potential test Forms, with all information requested thereon filled in, shall be filed in the District Office of the Railroad Commission not later than ten (10) days after the test is completed and, should the operator fail to file potential test in an acceptable Form within the ten (10) days as specified, then the effective date of the allowable resulting from such test shall not extend back more than ten (10) days prior to receipt and acceptance of the potential test Form in the District Office. This Ten-Day provision shall govern regardless of whether the potential test is taken during the month in which it is received in the District Office or any prior month. Fill in only the front of this Form when reporting only a potential test; if well is newly completed or recompleted, fill in reverse side also.

EACH WITNESS MUST PERSONALLY SIGN.

JAN 29 1982

We, the undersigned, witnessed this test, by observation of meter readings, or the top and bottom gauges of each tank, whichever is applicable, into which production was run during duration of this test.

Signature: REPRESENTATIVE OF COMPANY MAKING TEST

Signature: REPRESENTATIVE OF RAILROAD COMMISSION

List of Offset Operators Notified and Date Notified:

List of Offset Operators Notified and Date Notified:

An inclination survey has been run in accordance with Statewide Rule 11 and the results are available upon request. Maximum horizontal displacement was _____ feet at a measured depth of _____ feet.

Signature of Authorized Representative

Name of Company Conducting Survey

RECEIVED
R. R. C. OF TEXAS
DEC 23 1981
O. G.
HOUSTON, TEXAS

I have knowledge that the cementing operations, as reflected by the information found on the reverse side of this form, were performed as indicated by such information.

Signature of Cementer or Authorized Representative

Name of Cementing Company

CERTIFICATE:
I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I am authorized to make this report, that this report was prepared by me or under my supervision and direction, and that data and facts stated therein are true, correct, and complete, to the best of my knowledge.

REPRESENTATIVE OF COMPANY	TITLE	DATE	Phone A/C NUMBER
	Partner	12-17-81	214-874-4725

361-30400

RAILROAD COMMISSION OF TEXAS
OIL AND GAS DIVISION

Form W - 15
(Rev. 5-1-80)

CEMENTING REPORT

Field Name (as per RRC Records or Wildcat): Orange	*2. RRC District: 3
3. Operator: Kilmarnock Oil Company	*4. County: Orange
*5. Lease Name(s) and RRC Lease Number(s) or I. D. Number(s): Chesson C 03276	*6. Well Number: 22
*7. Location (Section, Block, and Survey): James Dyson Survey	

CASING CEMENTING DATA:	SURFACE CASING	INTER-MEDIATE CASING	PRODUCTION CASING		MULTI-STAGE CEMENTING PROCESS	
			Single String	Multiple Parallel Strings	Tool	Shoe
8. Cementing Date	11-11-81					
*9. (a) Size of Drill Bit (inches)	12 1/4					
(b) Estimated % Wash or Hole Enlargement Used in Calculations.	60%					
*10. Size of Casing (inches O.D.)						
*11. Top of Liner (if liner used) (ft.)						
*12. Setting Depth of Casing (ft.)	300'					
13. Type API Class Cement & Amount of Additives Used: (a) In First (Lead) or Only Slurry *(If additional space is needed, use "REMARKS" on reverse side.)*	Cl. H +	2% $CaCl_2$				
(b) In Second Slurry						
(c) In Third Slurry						
14. Sacks of Cement Used: (a) In First (Lead) or Only Slurry	225					
(b) In Second Slurry						
(c) In Third Slurry						
(d) Total Sacks of Cement Used	225					
15. Slurry Volume per Sack of Cement (cu. ft./sack): (a) In First (Lead) or Only Slurry	1.18					
(b) In Second Slurry						
(c) In Third Slurry						
16. Volume of Slurry Pumped: (cu. ft.) (Item 14 x Item 15) (a) In First (Lead) or Only Slurry	265.5					
(b) In Second Slurry						
(c) In Third Slurry						
(d) Total Slurry Volume Pumped (cu.ft.)	265.5					
17. Calculated Annular Height of Cement Slurry behind Pipe (ft.)	643.28					
18. Was cement circulated to ground surface (or bottom of cellar) outside casing? (Yes or No)	Yes					

WATER BOARD LETTER DATED 8-26-81
Depth 9000'
13(A) Exception Dated 8-25-81
Surface Casing 300
D.V. @ 950 w/ 600 sks.

CEMENTING TO PLUG AND ABANDON DATA:	PLUG NO. 1	PLUG NO. 2	PLUG NO. 3	PLUG NO. 4	PLUG NO. 5	PLUG NO. 6
19. Cementing Date						
*20. Size of Hole or Pipe in which Plug Placed (inches)						
*21. Depth to Bottom of Tubing or Drill Pipe (ft.)						
22. Sacks of Cement Used (each plug)						
Slurry Volume Pumped (cu. ft.)						
Calculated Top of Plug (ft.)						
*25. Measured Top of Plug (if tagged) (ft.)						

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(CEMENTING COMPANY AND OPERATOR MUST COMPLY WITH THE INSTRUCTIONS ON REVERSE SIDE HEREOF.)

-- OVER --

* Designates items to be completed by Operator. Items not so designated shall be completed by Cementing Company.

RAILROAD COMMISSION OF TEXAS
OIL AND GAS DIVISION

Form W - 15
(Rev. 5-1-80)

CEMENTING REPORT

Field Name (as per RRC Records or Wildcat): Orange

*2. RRC District: 3

*3. Operator: Kilmarnock Oil Company

*4. County: Orange

*5. Lease Name(s) and RRC Lease Number(s) or I. D. Number(s): Chesson C 03276

*6. Well Number: 22

*7. Location (Section, Block, and Survey): James Dyson Survey

CASING CEMENTING DATA:	SURFACE CASING	INTER-MEDIATE CASING	PRODUCTION CASING		MULTI-STAGE CEMENTING PROCESS	
			Single String	Multiple Parallel Strings	Tool	Shoe
8. Cementing Date			11-19-81			
*9. (a) Size of Drill Bit (inches)			7 7/8			
(b) Estimated % Wash or Hole Enlargement Used in Calculations.			60%			
*10. Size of Casing (inches O.D.)			5 1/2			
*11. Top of Liner (if liner used) (ft.)						
*12. Setting Depth of Casing (ft.)			4265			
13. Type API Class Cement & Amount of Additives Used: (a) In First (Lead) or Only Slurry *(If additional space is needed, use "REMARKS" on reverse side.)*			See 26			
(b) In Second Slurry			See 26			
(c) In Third Slurry						
14. Sacks of Cement Used: (a) In First (Lead) or Only Slurry			300			
(b) In Second Slurry			403			
(c) In Third Slurry						
(d) Total Sacks of Cement Used			703			
15. Slurry Volume per Sack of Cement (cu.ft./sack): (a) In First (Lead) or Only Slurry			1.29			
(b) In Second Slurry			1.84			
(c) In Third Slurry						
16. Volume of Slurry Pumped: (cu. ft.) (Item 14 x Item 15) (a) In First (Lead) or Only Slurry			387			
(b) In Second Slurry			741.52			
(c) In Third Slurry						
(d) Total Slurry Volume Pumped (cu.ft.)			1128.52			
17. Calculated Annular Height of Cement Slurry behind Pipe (ft.)			6513.7045			
18. Was cement circulated to ground surface (or bottom of cellar) outside casing? (Yes or No)			Yes			

CEMENTING TO PLUG AND ABANDON DATA:	PLUG NO. 1	PLUG NO. 2	PLUG NO. 3	PLUG NO. 4	PLUG NO. 5	PLUG NO. 6
19. Cementing Date						
*20. Size of Hole or Pipe in which Plug Placed (inches)						
*21. Depth to Bottom of Tubing or Drill Pipe (ft.)						
22. Sacks of Cement Used (each plug)						
Slurry Volume Pumped (cu. ft.)						
24. Calculated Top of Plug (ft.)						
*25. Measured Top of Plug (if tagged) (ft.)						

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R. R. C. OF TEXAS
DEC 2 1981
O. G.
HOUSTON, TEXAS

(CEMENTING COMPANY AND OPERATOR MUST COMPLY WITH THE INSTRUCTIONS ON REVERSE SIDE HEREOF.)

– OVER –

* Designates items to be completed by Operator. Items not so designated shall be completed by Cementing Company.

VALID PERMIT
Production Allocation

SECTION II — DATA ON WELL COMPLETION AND LOG (Not Required on Retest)

24. Type of Completion: New Well [X] Deepening [ ] Plug Back [ ] Other [ ]

25. Permit to Drill, Plug Back or Deepen — DATE 8-21-81 — PERMIT NO. 130697

Rule 37 Exception — CASE NO.

Water Injection Permit — PERMIT NO.

Salt Water Disposal Permit — PERMIT NO.

Other — PERMIT NO.

ive of Intention to Drill this Well was filed in Name of
lm arnock Oil Company

27. Number of Producing Wells on this Lease in This Field (Reservoir) including this Well: 5

28. Total Number of Acres in this lease: 22

29. Date Plug Back, Deepening, WorkOver or Drilling Operations: Commenced 11-11-81 Completed 11-19-81

30. Distance to Nearest Well, Same Lease & Reservoir: 200'

31. Location of Well, Relative to Nearest Lease Boundaries of Lease on which this Well is Located: 250 Feet From North Line and 1280 Feet From West Line of the Chesson C Lease

32. Elevation (DF, RKB, RT, GR, ETC): 10

33. Was Directional Survey Made Other Than Inclination (Form W-12)? [ ] Yes [X] No

34. Top of Pay: 4225 — 35. Total Depth: 4874 — 36. P. B. Depth: 4265

37. Surface Casing Determined by: Field Rules [ ] — Recommendation of T.D.W.R. [X] Dt. of Ltr. 8-14-81 — Railroad Commission (Special) [ ] Dt. of Ltr.

38. Is Well Multiple Completion? no

39. If Multiple Completion List All Reservoir Names (Completions in this Well) and Oil Lease or Gas ID No.

FIELD & RESERVOIR	GAS ID or OIL LEASE #	Oil - O Gas - G	WELL #

40. Intervals Drilled by: Rotary Tools all — Cable Tools

41. Name of Drilling Contractor: Company tools

42. Is Cementing Affidavit Attached? [X] Yes [ ] No

43. CASING RECORD (Report All Strings Set in Well)

CASING SIZE	WT #/ FT.	DEPTH SET	MULTISTAGE TOOL DEPTH	TYPE & AMOUNT CEMENT (Sacks)	HOLE SIZE	TOP OF CEMENT	SLURRY VOL. cu. ft.
8 5/8	24#	300		225 sx Cl H	12 1/4	Surface	265
5 1/2	15.5#	4265			7 7/8	Surface	

44. LINER RECORD

Size	TOP	Bottom	Sacks Cement	Screen

45. TUBING RECORD

Size	Depth Set	Packer Set
2 3/8	4185	4185

46. Producing Interval (this completion) indicate Depth of Performance or Open Hole

From 4225 To 4231
From To
From To
From To

47. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

Depth Interval	Amount and Kind of Material Used

48. FORMATION RECORD (LIST DEPTHS OF PRINCIPAL GEOLOGICAL MARKERS AND FORMATION TOPS)

Formations	Depth	Formations	Depth
Fresh water sand	0 - 850	3190 - 4874	
and w/streaks shale	850 - 2570	Sand and shale	3190 - 4874
ale w/sand streaks	2570 - 3190		

RKS