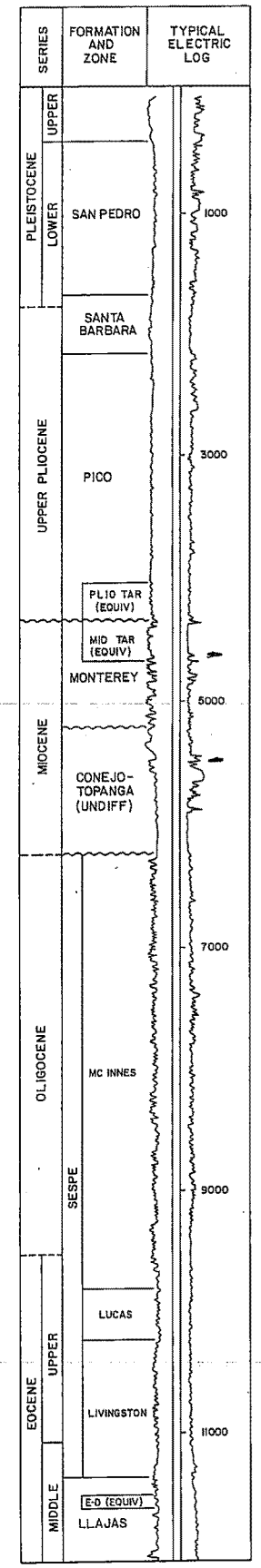
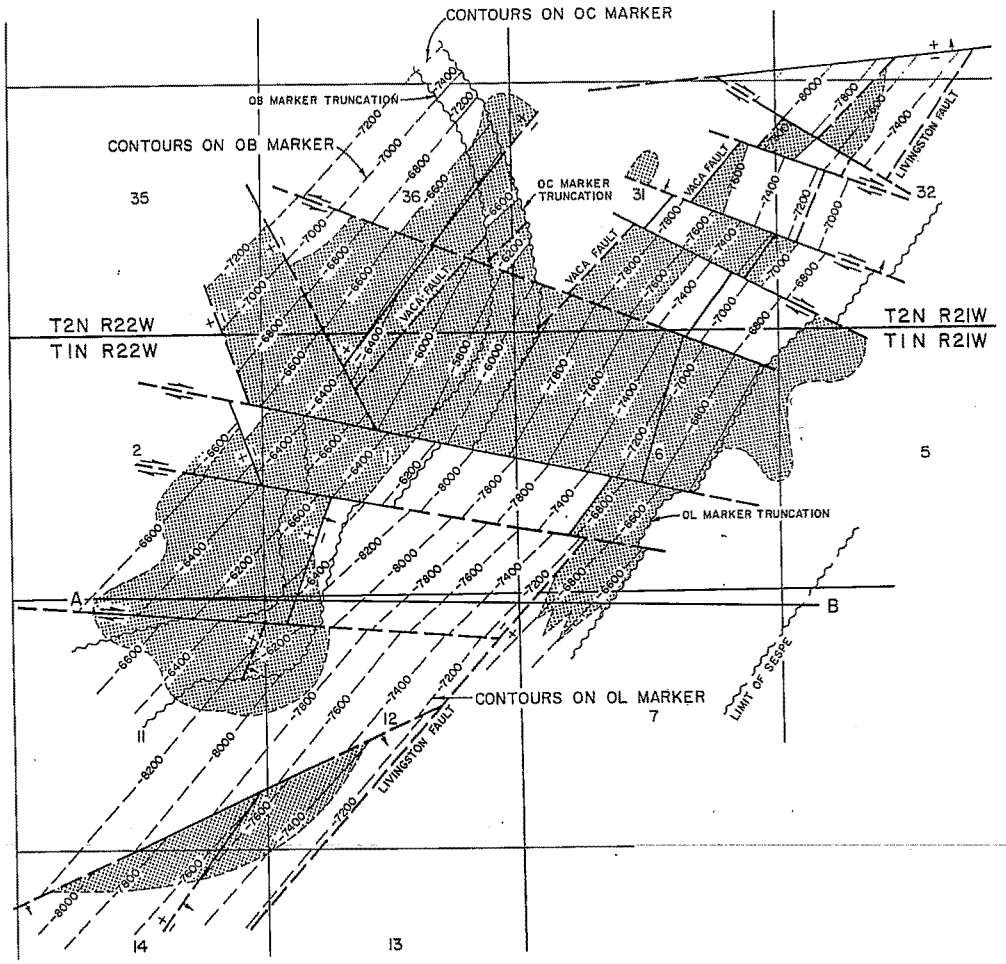
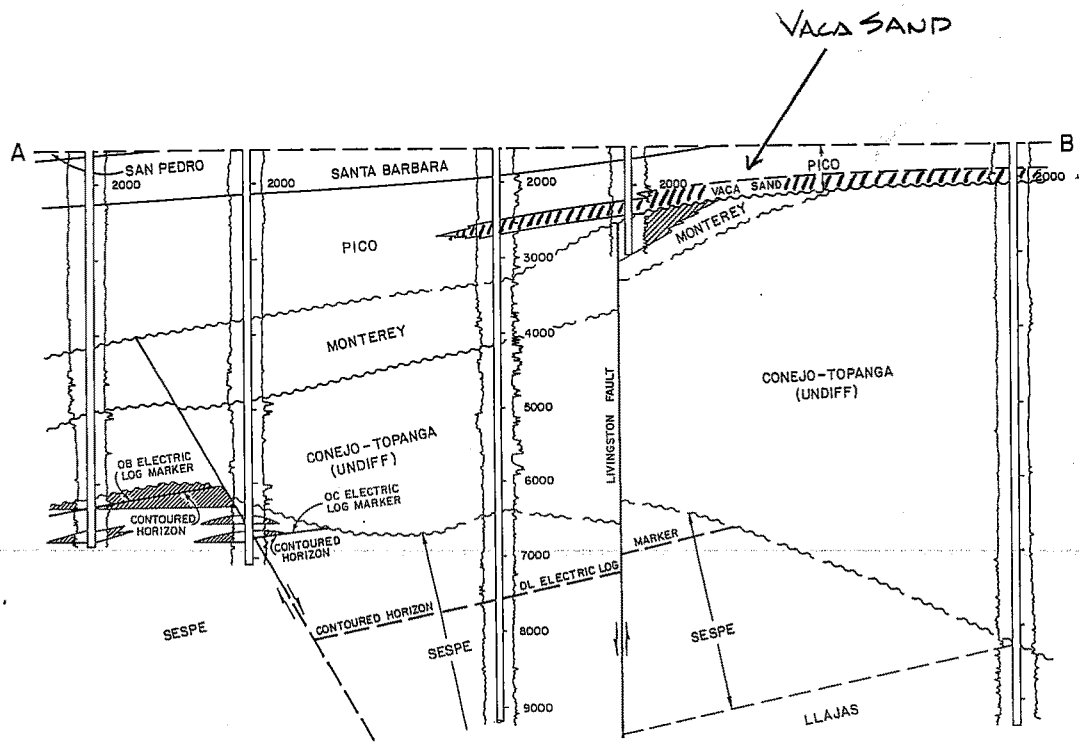
OXNARD OIL FIELD







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LOCATION: 7 miles south of Ventura

TYPE OF TRAP: Faulted homocline; truncation beneath unconformity

ELEVATION: 60

DISCOVERY DATA

Zone	Present operator and well name	Original operator and well name	Sec. T. & R.	B & M	Initial daily production Oil (bbl)	Initial daily production Gas (Mcf)	Date of completion
Pliocene Tar	Vaca Oil Exploration Co., Inc. No. 1	Same as present	5 1N 21W	SB	50	10	Jan 1937
Miocene Tar	Chase Production Co. "El Rio" 1	El Rio Oils (Canada) Limited "El Rio" 1	6 1N 21W	SB	90	20	May 1937
McInnes	Standard Oil Co. of Calif. "McInnes" 1	Same as present	6 1N 21W	SB	112	27	Jul 1953
Lucas	Standard Oil Co. of Calif. "Lucas" 1	Same as present	1 1N 22W	SB	30	10	May 1954
Livingston	Lloyd Corp. Ltd. "Lloyd Corp.-W.R. Livingston" 1	Same as present	31 2N 21W	SB	610	663	Mar 1954
E-D	Lloyd Corp. Ltd. "Lloyd Corp.-Vacca 2" 1	Same as present	32 2N 21W	SB	372	361	Jan 1959

Remarks:

DEEPEST WELL DATA

Present operator and well name	Original operator and well name	Date started	Sec. T. & R.	B & M	Depth (feet)	At total depth: Strata	At total depth: Age
Lloyd Corp. Ltd. "Lloyd Corp.-W.R. Livingston" 4	Same	Jul 1955	31 2N 21W	SB	12,460	Llajas	Eocene

PRODUCING ZONES

Zone	Average depth (feet)	Average net thickness (feet)	Geologic: Age	Geologic: Formation	Oil gravity (°API) or Gas (btu)	Salinity of zone water gr/gal	Class BOPE required
Pliocene Tar	1,850	300	Pliocene	Pico	8	1,300	II
Miocene Tar	2,800	400	Miocene	Monterey	13	1,300	II
McInnes	6,000	300	Oligocene	Sespe	26	1,400	III
Lucas	8,750	380	Eocene	Sespe	32	1,200	III
Livingston	9,000	450	Eocene	Sespe	31	1,400	III
E-D	10,200	110	Eocene	Llajas	36	1,800	III

PRODUCTION DATA (Jan. 1, 1974)

1972 Production: Oil (bbl)	1972 Production: Net gas (Mcf)	1972 Production: Water (bbl)	1972 Proved acreage	1972 Average number producing wells	Cumulative production: Oil (bbl)	Cumulative production: Gas (Mcf)	Peak oil production: Barrels	Peak oil production: Year	Total number of wells: Drilled	Total number of wells: Completed	Maximum proved acreage
386,268	457,803	1,541,022	1,550	85	33,997,133	20,814,462	3,195,253	1959	213	169	1,860

STIMULATION DATA (Jan. 1, 1974)

Type of project	Date started	Cumulative injection - Water, bbl; Gas, Mcf; Steam, bbl (water equivalent)	Maximum number of wells used for injection
Steam cyclic	1964	499,527	14

SPACING ACT: Applies

BASE OF FRESH WATER: 1,800

CURRENT CASING PROGRAM: 11 3/4" cem. 500 - 1,250; 7" cem. over zone and across base of fresh-water sands; 5 1/2" cem. liner.

METHOD OF WASTE DISPOSAL: Discharged to the Oxnard Drainage Ditch.

REMARKS: A water-flood project was started in 1963 and was terminated in 1966 after having injected 812,837 bbls. into two wells.

REFERENCES: Kaplow, E.J., Oxnard Oil Field: Calif. Div. of Oil and Gas, Summary of Operations--Calif. Oil Fields, Vol. 44, No. 2 (1947).
Dosch, M.W., and Mitchell, W.S., Oxnard Oil Field: Calif. Div. of Oil and Gas, Summary of Operations--Calif. Oil Fields, Vol. 50, No. 1 (1964).
Dosch, M.W., Pliocene Tar Sands in Oxnard Oil Field: Calif. Div. of Oil and Gas, Summary of Operations--Calif. Oil Fields, Vol. 51, No. 2 (1965).