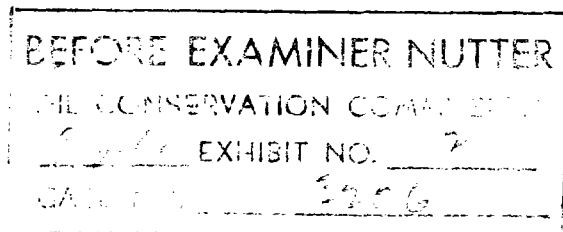


UNIT OPERATING INTERESTS

HIGH PLAINS UNIT

LEA COUNTY, NEW MEXICO

<u>Working Interest Owner</u>	<u>Percentage of Working Interest</u>
Delaware-Apache Corporation	52.1739%
Union Oil Company of California	13.0435%
Tenneco Oil Company	8.6957%
Sinclair Oil & Gas Company	6.6957%
Sun Oil Company	4.3478%
Hondo Oil & Gas Company	4.3478%
Texas Pacific Oil Company	4.3478%
Amerada Petroleum Corporation	4.3478%
Pure Oil Company	<u>2.1739%</u>
	<u>100.0000%</u>



WELL HISTORY

HIGH PLAINS UNIT WELL NO. 1

UNDESIGNATED POOL

Location: 660' FNL and 660' FEL of Section 22, T-14-S,
R-34-E, Lea County, New Mexico.

Total Depth: 10,600 feet.

Production String: 4½-inch casing set at 10,600 feet.

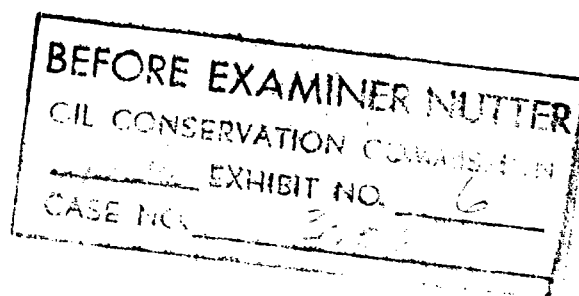
Drill Stem Tests: Test No. 1. 10,432-10,480, tool open 2½ hrs,
gas to surface in 5 minutes, oil to surface in 21
minutes, flowed to pits for 9 minutes, then flowed
148 barrels of oil in 2 hours, surface press 410
to 480 psi, unloaded 61 barrels of oil after tool
was closed, reversed out 20 barrels of oil.
ISIP (35") - 3942 IFP - 2814
FSIP (120") - 3923 FFP - 3414

Test No. 2. 10,475-10,525, tool open 1 1/3 hrs,
gas to surface in 5 minutes, oil to surface in 17
minutes, flowed to pits for 3 minutes, then flowed
71 barrels of oil in 1 hour, surface pressures -
480 psi, unloaded 35 barrels of oil after tool was
closed, reversed out 10 barrels of oil.
ISIP (30") - 3869 IFP - 2852
FSIP (90") - 3687 FFP - 3159

Perforations: 2 jet shots per foot at the following intervals:
10,438-439, 10,444-445, 10,449-450, 10,486-487,
10,490-491, 10,511-512, total of 12 holes.

Stimulation Treatment: 250 gallons of mud clean-up acid.

Potential Test: On January 14, 1965, well flowed 631 barrels of
oil, no water, in 12 hours, ½ - inch choke, tubing
pressure - 640 psig, GOR - 1188, oil gravity 44.1°
@ 60°F, gas gravity - 0.87, calculated rate of
1262 barrels per 24 hour day.

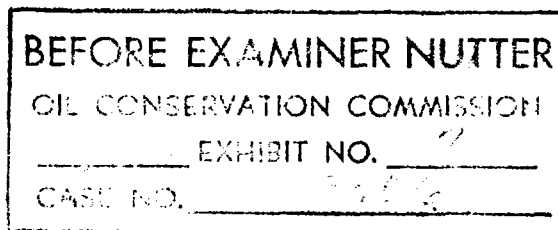


RESERVOIR ROCK AND FLUID PROPERTIES

HIGH PLAINS UNIT WELL NO. 1

UNDESIGNATED POOL

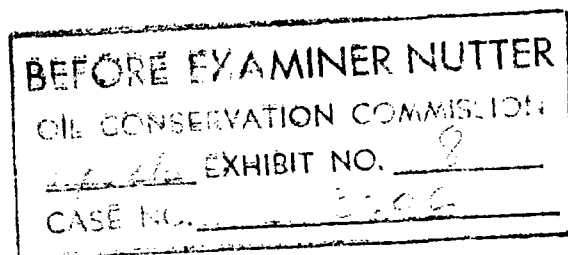
Depth to top of formation, feet	10,437
Gross pay, feet	103 ✓
Net effective pay, feet	25 ✓
Porosity, per cent (from Sonic Log)	10
Water saturation, per cent (assumed)	32
Original reservoir pressure, PSIG	3942
Saturation pressure, PSIG	2625
Reservoir Temperature, °F	154
Original solution gas-oil ratio, cuft per barrel	1125
Formation volume factor, bbl/bbl	1.653
Oil gravity, °API @ 60°F	44.1
Specific gravity of gas (air = 1.00)	0.87



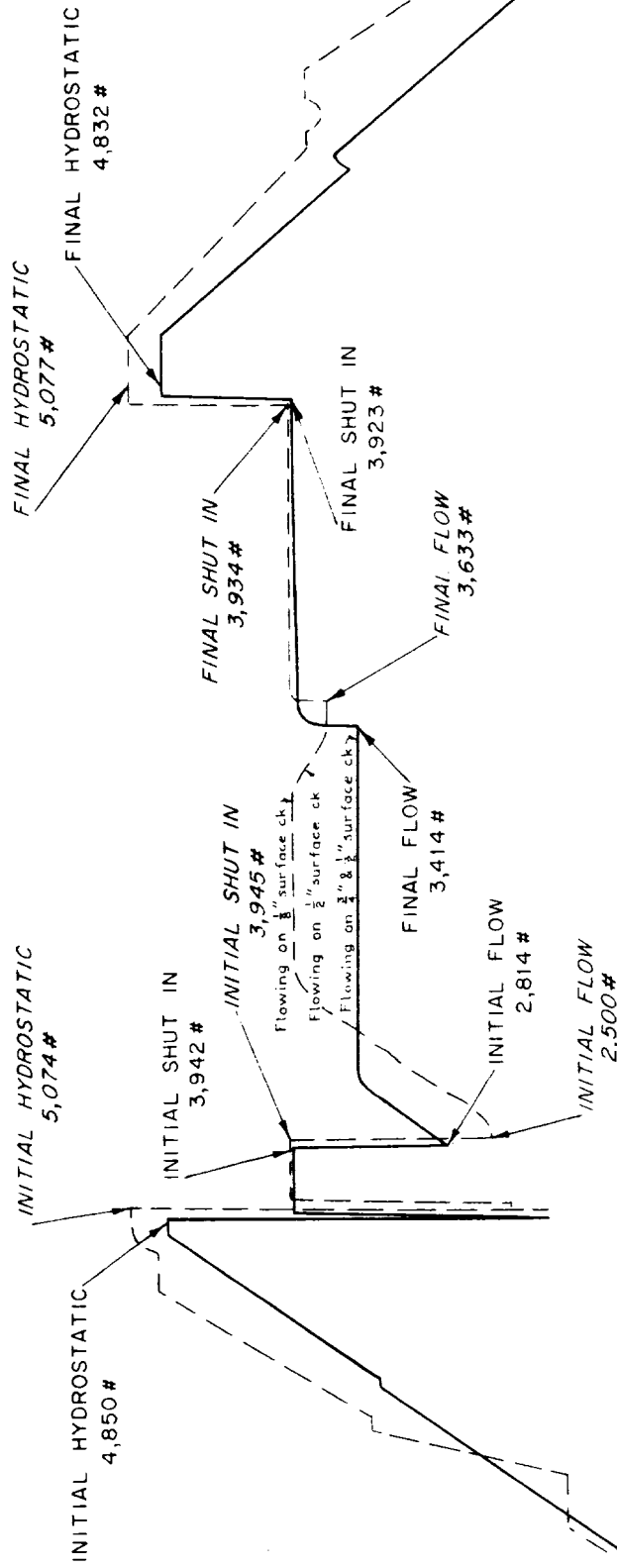
COMPARISON OF ROCK AND FLUID PROPERTIES

EAST SAUNDERS POOL VERSUS HIGH PLAINS UNIT WELL NO. 1

<u>February 10, 1965</u>	East Saunders (Permo-Penn) <u>Pool</u>	High Plains Unit Well #1 <u>Undesignated</u>
Depth to top of producing formation	10,366 to 10,396	10,437
Net pay, feet	18.3	25
Porosity, per cent	8.1	10
Water saturation, per cent	32.1	32
Permeability, md	46.2 (core)	103 (DST)
Original reservoir pressure, psig	3914	3942
Saturation pressure, psig	2346	2625
Original gas in solution, cuft/bbl.	939	1125
Reservoir temperatures, °F	155	154
Formation volume factor, Bbl/Bbl	1.527	1.653
Oil gravity, °API @ 60°F	44.4	44.1
Specific gravity of gas (Air = 1.00)		0.87



TIME →



BEFORE EXAMINED NUTTER
OIL CONSERVATION COMMISSION
EXHIBIT NO. 9
CA 3206

CASE #3206
EXHIBIT #9
2/10/65

HIGH PLAINS UNIT #1 ———
Undesignated Pool 10,432' - 10,480'
KERN COUNTY LAND CO. #1 ———
East Saunders Pool 10,360' - 10,442'

COMPARISON OF DRILL STEM TEST DATA EAST SAUNDERS POOL VS HIGH PLAINS UNIT #1
GRAPHIC COMPARISON OF FLOW PRESSURES VS TIME