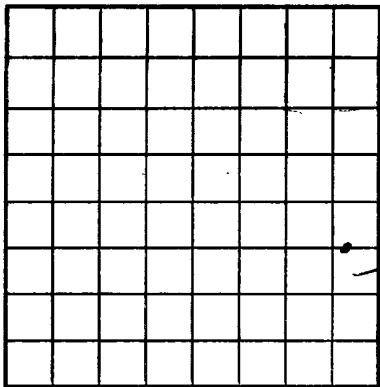


U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 065877A
LEASE OR PROSPECT TO PROSPECT X



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Westates Petroleum Corp. of Texas Address 391 Sutter St. San Francisco 8, Calif.

Lessor or Tract Jennings Lea., Federal Field Wildcat State New Mexico

Well No. 1 Sec. 33 T. 25S R. 32E Meridian N.M.P.M. County Lea

Location 1980 ft. N. of S Line and 550 ft. E. of E Line of sec. 33 Elevation 3358
(Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed J. B. Benton

Date June 21, 1956 Title Division Supt.

The summary on this page is for the condition of the well at above date.

Commenced drilling May 8, 1956 Finished drilling May 19 1956

OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from 4616 to 4620 G. No. 4, from _____ to _____
No. 2, from 4620 to 4625 Oil No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____ No. 3, from _____ to _____
No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
8 5/8	32 1/2	8	Republic	921	Plain				
5 1/2	26	8	Republic	4615	Plain				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	932	400	Halliburton		
5 1/2	4625	200	Halliburton		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____
Adapters—Material _____ Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Rotary tools were used from _____ feet to 4625 feet, and from _____ feet to _____ feet
Cable tools were used from no feet to no feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing May 23, 1956

The production for the first 24 hours was 75 barrels of fluid of which 40 % was oil; 9 % emulsion; 50 % water; and 1 % sediment. Gravity, °Bé. 41

If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. 1940

EMPLOYEES

Milton El Bennett, Driller Billy E. Thomas, Driller
Moss B. Holland, Driller R. D. Anderson, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	100	100	Sand
100	650	550	Sand & red bed
650	835	185	Anhy & red bed
835	934	99	Anhy
934	1135	201	Anhy & sand
1135	2764	1629	Anhy & salt
2764	2830	66	Anhy
2830	3050	220	Anhy & gyp
3050	3094	44	Anhy & salt streaks
3094	3250	156	Anhy
3250	3526	276	Anhy & salt
3526	3766	240	Anhy & gyp
3766	3871	105	Anhy
3871	4341	470	Anhy & gyp w/salt streaks
4341	4564	223	Anhy & gyp streaks
4564	4609	45	Lime
4609	4625	16	Sand
T. Anhy.	968'		
B. Salt	4341'		
T. Del. Lime	4565'		
T. Del. Sand	4609'		

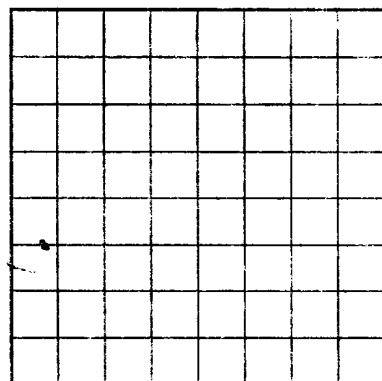
Established by both E. L. and Samples

ILLEGIBLE

U. S. Land Office
 Serial Number 065877A
 Lease or Permit to Prospect

UNITED STATES
 DEPARTMENT OF THE INTERIOR
 GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL



LOCATE WELL CORRECTLY

Company, Westlake Petroleum Corp., of Texas Address 397 Sutter St., San Francisco 8, Calif.
 Person or Trust Jennings Lee, General Field Manager State New Mexico
 Well No. 1 Sec. 33 T. 33S R. 33W Meridian N.M. County Las Alamos
 Location 1330 ft. N. of line and 433 ft. W. of line of sec. 33 Elevation 3353
 The information given herewith is a complete and correct record of the well and all work done thereon
 so far as can be determined from all available records.

Date June 21, 1956 Signed Title Division 3952

The summary on this page is for the condition of the well at above date.
 Commenced drilling May 9, 1956 Finished drilling May 19, 1956

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1 from 4330 to 4330 G. No. 4 from to
 No. 2 from 4330 to 4330 G. No. 5 from to
 No. 3 from to No. 6 from to

IMPORTANT WATER SANDS

No. 1 from to No. 3 from to
 No. 2 from to No. 4 from to

CASING RECORD

Casing size	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated	Purpose
							From—	To—

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "underpacked" or left in the well, give its size and location. If the well has been dynamited, give date, position, and number of shots. If plugs or bridges were put in to test for water, state depth of material used, position, and results of pumping or balling.

HISTORY OF OIL OR GAS WELL

MUDDING AND CEMENTING RECORD

Casing size	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 1/2	232	400	Halliburton		
8 1/2	232	300	Halliburton		

PLUGS AND ADAPTERS

Heaving plug—Material
 Adapters—Material
 Length
 Depth set

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
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TOOLS USED

Tools used from feet to feet
 Tools used from feet to feet

DATES

Put to producing May 23, 1956
 The production for the first 24 hours was 25 barrels of fluid of which 10 was oil and 15 was gas.
 It gas well, oil 11.1 per 24 hours
 Rock pressure 11.1 per sq. in.
 Gravity, 47
 Gallons gasoline per 1,000 cu. ft. of gas

EMPLOYEES

Driller Milton M. Bennett
 Driller Rose B. Hoffman
 Driller R. O. Anderson
 Driller Betty F. Thomas

FORMATION RECORD

FROM	TO	TOTAL FEET	FORMATION
0	100	100	Sand
100	100	200	Sand & red bed
100	100	300	Sand & red bed
100	100	400	Sand
100	100	500	Sand
100	100	600	Sand
100	100	700	Sand
100	100	800	Sand
100	100	900	Sand
100	100	1000	Sand
100	100	1100	Sand
100	100	1200	Sand
100	100	1300	Sand
100	100	1400	Sand
100	100	1500	Sand
100	100	1600	Sand
100	100	1700	Sand
100	100	1800	Sand
100	100	1900	Sand
100	100	2000	Sand
100	100	2100	Sand
100	100	2200	Sand
100	100	2300	Sand
100	100	2400	Sand
100	100	2500	Sand
100	100	2600	Sand
100	100	2700	Sand
100	100	2800	Sand
100	100	2900	Sand
100	100	3000	Sand
100	100	3100	Sand
100	100	3200	Sand
100	100	3300	Sand
100	100	3400	Sand
100	100	3500	Sand
100	100	3600	Sand
100	100	3700	Sand
100	100	3800	Sand
100	100	3900	Sand
100	100	4000	Sand
100	100	4100	Sand
100	100	4200	Sand
100	100	4300	Sand
100	100	4400	Sand
100	100	4500	Sand
100	100	4600	Sand
100	100	4700	Sand
100	100	4800	Sand
100	100	4900	Sand
100	100	5000	Sand
100	100	5100	Sand
100	100	5200	Sand
100	100	5300	Sand
100	100	5400	Sand
100	100	5500	Sand
100	100	5600	Sand
100	100	5700	Sand
100	100	5800	Sand
100	100	5900	Sand
100	100	6000	Sand
100	100	6100	Sand
100	100	6200	Sand
100	100	6300	Sand
100	100	6400	Sand
100	100	6500	Sand
100	100	6600	Sand
100	100	6700	Sand
100	100	6800	Sand
100	100	6900	Sand
100	100	7000	Sand
100	100	7100	Sand
100	100	7200	Sand
100	100	7300	Sand
100	100	7400	Sand
100	100	7500	Sand
100	100	7600	Sand
100	100	7700	Sand
100	100	7800	Sand
100	100	7900	Sand
100	100	8000	Sand
100	100	8100	Sand
100	100	8200	Sand
100	100	8300	Sand
100	100	8400	Sand
100	100	8500	Sand
100	100	8600	Sand
100	100	8700	Sand
100	100	8800	Sand
100	100	8900	Sand
100	100	9000	Sand
100	100	9100	Sand
100	100	9200	Sand
100	100	9300	Sand
100	100	9400	Sand
100	100	9500	Sand
100	100	9600	Sand
100	100	9700	Sand
100	100	9800	Sand
100	100	9900	Sand
100	100	10000	Sand

Established by both E. I. and samples

WESTATES PETROLEUM CORP. OF TEXAS

HISTORY OF OIL OR GAS WELL

JENNINGS LSE., WELL NUMBER 1, FEDERAL
Sec. 33, T25S R32E

Spudded May 8, 1956, make 11" rotary hole to 932'. Set and cemented 921' of 8 5/8" 32# H-40 Republic E. W. csg. using 100 sks. neat cnt. on bottom and 300 sks. w/4% bentonite circulated to surface. Continued drilling making 7 7/8" rotary hole to 4625', T.D. Cored from 4615' to 4625'; T.D. and reamed to 7 7/8". Ran D. S. T. with packer at 4605'. T. D. 4625'. I.F.P. 740 PSI F.F.P. 1000 PSI, tool open 66 minutes. I.S.P. 1940#. Tool closed 30 minutes, F.S.P. 1940#. Flowed gas at rate of 1,750 MCF per day thru 3/8" choke, oil at 24 B.O.P.D., GOR 72,900/l. Set and cement 4615' of 5 1/2" new 15.5# YBST suls. csg. at 4625' w/200 sks. cnt. Ran Gamma Ray Neutron log to T.D. Drilled cnt. to 4625'. Perforated csg. from 4621' to 4624'. Swabbed and well began flowing oil, water and sediment.

C
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Y

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED

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