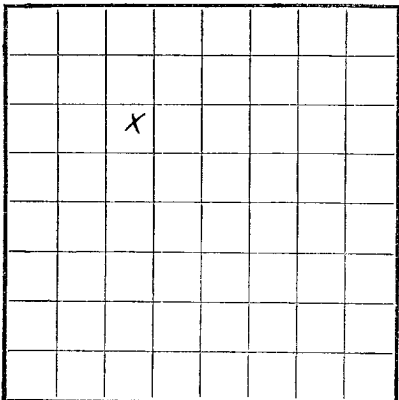




LOCATE WELL CORRECTLY

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 032579 (e)
LEASE OR PERMIT TO PROSPECT Lease

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Westates Pet. Corp. Address P. O. Box 1381 - Jal, N.M.
Lessor or Tract Federal Field Langlie Mattix State New Mexico
Well No. 3 Sec. 1 T. 25S R. 37E Meridian N.M.P.M. County Lea
Location 1650 ft. N of N Line and 1650 ft. E of W Line of Sec 1 Elevation 3122
(Denote 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 [Signature]

Date June 30, 1955 Title Division Superintendent

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

Commenced drilling April 1, 1955 Finished drilling April 18, 1955

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from T. Anhydrite to 920 No. 4, from T. Queens to 3220
No. 2, from Base Salt to 2300 No. 5, from T. Langlie to 3330
No. 3, from T. Yates to 2448 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—	
<u>13 3/8 29.30</u>		<u>Spiral</u>	<u>Nat'l</u>	<u>143'</u>	<u>Plain</u>				
<u>8 5/8 32.00</u>		<u>8</u>	<u>Nat'l</u>	<u>2330'</u>	<u>Guide shoe & float collar</u>				
<u>5 1/2 14.00</u>		<u>8</u>	<u>TST</u>	<u>3410'</u>	<u>Baker Whirler & float collar</u>				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>13 3/8</u>	<u>156'</u>	<u>150</u>	<u>Halliburton</u>		
<u>8 5/8</u>	<u>2342'</u>	<u>350</u>	<u>"</u>		
<u>5 1/2</u>	<u>3421'</u>	<u>300</u>	<u>"</u>		

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 _____ feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing April 25, 1955
The production for the first 24 hours was 171.12 barrels of fluid of which 100 % was oil; _____ %
emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. _____
If gas well, cu. ft. per 24 hours 1800/1 Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. _____

EMPLOYEES

_____, Driller L. G. Coltex _____, Driller R. P. Hayslip
_____, Driller Roy Solomon _____, Driller _____

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>153</u>	<u>153</u>	<u>Surface sand & caliche</u>
<u>153</u>	<u>477</u>	<u>324</u>	<u>Red Bed</u>
<u>477</u>	<u>675</u>	<u>198</u>	<u>Red Rock</u>
<u>675</u>	<u>732</u>	<u>57</u>	<u>Red Bed</u>
<u>732</u>	<u>1091</u>	<u>359</u>	<u>Red Rock</u>
<u>1091</u>	<u>1192</u>	<u>101</u>	<u>Red Rock, shales & anhy.</u>
<u>1192</u>	<u>1367</u>	<u>175</u>	<u>Shale & anhy.</u>
<u>1367</u>	<u>1492</u>	<u>125</u>	<u>Shale & anhy.</u>
<u>1492</u>	<u>1495</u>	<u>3</u>	<u>Anhy. & shale</u>
<u>1495</u>	<u>1850</u>	<u>355</u>	<u>Anhy. & salt</u>
<u>1850</u>	<u>1973</u>	<u>123</u>	<u>Anhy., shale & salt streaks</u>
<u>1973</u>	<u>2297</u>	<u>324</u>	<u>Anhy. & Salt</u>
<u>2297</u>	<u>2344</u>	<u>47</u>	<u>Anhydrite</u>
<u>2344</u>	<u>2430</u>	<u>86</u>	<u>Anhydrite</u>
<u>2430</u>	<u>2480</u>	<u>50</u>	<u>Anhydrite, lime & gyp.</u>
<u>2480</u>	<u>2583</u>	<u>103</u>	<u>Anhydrite & Gyp</u>
<u>2583</u>	<u>2950</u>	<u>367</u>	<u>Anhydrite & Gyp</u>
<u>2950</u>	<u>3056</u>	<u>106</u>	<u>Anhydrite & Lime</u>
<u>3056</u>	<u>3097</u>	<u>41</u>	<u>Gyp & Anhydrite</u>
<u>3097</u>	<u>3180</u>	<u>83</u>	<u>Lime & Anhy.</u>
<u>3180</u>	<u>3211</u>	<u>31</u>	<u>Gyp. & Anhy</u>
<u>3211</u>	<u>3340</u>	<u>129</u>	<u>Lime & Anhy.</u>
<u>3340</u>	<u>3421</u>	<u>81</u>	<u>Lime</u>

FORMATION RECORD—Continued

[illegible]

It is of the greatest importance to have a complete history of the well. Please state in detail the daily, and if any casing was 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 "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

HISTORY OF OIL OR GAS WELL

16-48094-Z U. S. GOVERNMENT PRINTING OFFICE

Spudded April 1, 1955, making 17" rotary hole. Set & cemented 143' of 13 3/8" 29.30# spiral weld csg. at 156' using 150 sacks cement & plain shoe. Drilled 11" rotary hole to 2344'. Set and cemented 2330' of 8-5/8" 32# J-55 8 rd. T & C new subs. seg. at 2342' using Halliburton plain shoe and float collar cementing with 350 sacks cement. Circulated to collar. Tested csg. with 1000 P. S. I. for 30 minutes with no loss of pressure. Resumed drilling making 7-7/8" rotary hole to 3421'. Ran Gamma Ray - Neutron log from T. D. to surface. Set and cemented 3410' of 5 1/2" 16# J-55 8 rd. T & C subs. new casing at 3421', Baker Whittier shoe, Flexlo 9111 collar and 8 centralizers, 100 sacks neat cement and 200 sacks with 4% gel, total 300 sacks. Ran temperature survey. Found top of cement at 1960', perforated csg. 4 shots per foot, following pressure test of 1000# for 30" with no loss of pressure. Formations: 3225-3329; 3337-51'; 3357-64'; 3370-78'. Sandraced using 15,000 gal. Trac oil and 15,000# graded sand. Put on prod; made 171.12 B. O. in 17 hrs. 30 min. 27/64" choke. G. O. R. 1800/L.