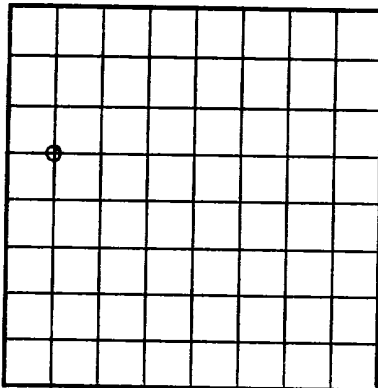


U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 070537
LEASE 1000000 TO PROSPECT X

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYRECEIVED
JUN 27 1956
U. S. GEOLOGICAL SURVEY
WASHINGTON, D. C.

LOG OF OIL OR GAS WELL

Company Westates Pet. Corp. of Texas Address 391 Sutter St. San Francisco 8, Calif.
Lessor or Tract Sunshine Royalty Federal Field Wildcat State New Mexico
Well No. 1 Sec. 34 T. 25S R. 32E Meridian N.M.P.M. County Lea
Location 1980 ft. N of N Line and 660 ft. E of W Line of Sec. 34 Elevation 3360
(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
Title Division Supt.Date June 22, 1956

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

Commenced drilling Feb. 25, 1956 Finished drilling June 10, 1956

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 4370' to 4370' xxx Basin Salt No. 4, from _____ to _____
No. 2, from 4598' to 4598' xxx T. Del. Lime No. 5, from _____ to _____
No. 3, from 4638' to 4638' xxx T. Del. Sand 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#	8	Nat'l.	851'	Plain				
5 1/2	18#	8	Nat'l.	4590'	Plain				

HISTORY OF OIL OR GAS WELL

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	863	500	Halliburton		
5 1/2	4620	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 0 feet to 4646 feet, and from 3589 feet to 4770 feet
Cable tools were used from none feet to _____ feet, and from _____ feet to _____ feet

DATES

_____ June 21, 1956 Put to producing Abandoned 6-11, 1956

The production for the first 24 hours was _____ barrels of fluid of which _____ % was oil; _____ % emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. _____

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

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

Nathaniel Broadway, Driller Billy E. Thomas, Driller
Mose B. Holland, Driller M. E. Bennett, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	150	150	Caliche & sand
150	635	485	Sand & red bed
635	863	228	Anhy streaks & sand
863	1043	180	Anhy
1043	2838	1795	Anhy & salt
2838	2920	82	Anhy
2920	3015	95	Anhy & gyp streaks
3015	3566	551	Anhy & gyp & salt
3566	3872	306	Anhy w/gyp streaks
3872	4360	488	Anhy and salt - Base salt.
4360	4491	131	Anhy w/gyp streaks
4491	4540	49	Lime
4540	4586	46	Lime & anhy
4586	4620	34	Lime
4620	4646	26	Sand

790' J. Anhy.
4370' B. Salt
4598' J. Del. Lime
4638' J. Del. Sand

LEON

LO

TOTAL FEET

(OVER)

FORMATION

6-6745

FORMATION RECORD—Continued

WESTATES PETROLEUM CORP. OF TEXAS

HISTORY OF OIL OR GAS WELL

Sunshine Royalty Well #1 Federal
Sec. 34, T25S, R32E

Spudded Feb. 25, 1956 using rotary tools, making 12 $\frac{1}{2}$ " hole to 877'. Set and cmt. 851' of new 8 5/8" 32# J-55 8rd. ST&C smls. csg. at 863', cmt. w/500 sks. circulated to surface. Drilled 7 7/8" rotary hole to 4646'. T.D. Run gamma ray neutron log to T.D., cored hole from 4620' to 4646'. Ran 4610' of new 5 $\frac{1}{2}$ " 14# J-55 8rd ST&C smls. csg. at 4620'. Cmt. w/100 sks. neat cmt. Frac formation using 3000 gal. gel lse. oil w/3000# frac sand. Recovered two third frac fluid and well producing water on swabb. Ran radio-active survey to trace cement. Set 8" Halliburton hydramite plug in bottom. Did not hold. Drilled plug and hole to 4648'. Set 4" O.D. liner using 89 sks. cmt. Drilled cmt. to 4638'. Perforated liner 4 shots per ft. from 4629' to 4635'. Fraced formation w/3000 gal. and 3000# sand. Swabbed well. Found no new oil after 3 days swabbing, 100 bbls. water per day. Shut well in April 1, 1956. Approval to cut csg. and redrill approved May 25, 1956. Ran Eastman Oil Well Survey May 26, 1956. Ran Halliburton C.T. cement retainer to 4500'. Cemented w/100 sks., final press. 2000 P.S.I. Ran dia-log free point survey May 27, 1956. Csg. stuck at 4075', part at 4061'. Ran cmt. plug from 4061' to 3589' using neat cmt. w/10% frac sand. Drilled cmt. to 3639' May 29, 1956 and set whipstock. Drilled directional rotary hole to 4635'. Cored and reamed hole to 4770'. Core analysis showed excessive water content. Oil streaks unprotected from water intrusion. Abandoned hole June 11, 1956 setting 50' neat cmt. from 4620' to 4570' and from 930' to 880', the hole being loaded w/viscous rotary mud.

C
O
P
Y

[illegible]