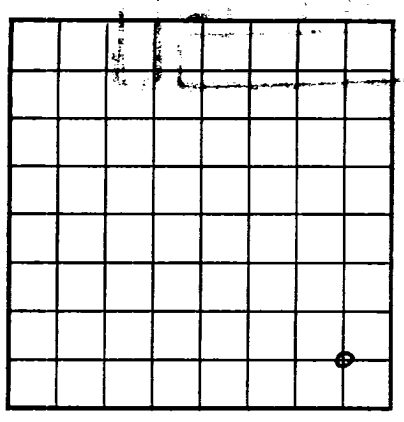
Budget Bureau No. 42-R355.1.
Approval expires 11-30-49.

Form 9-330

U. S. LAND OFFICE
SERIAL NUMBER
LEASE OR PERMIT TO PROSPECT 1951



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Los Mictos Company Address 200 Wilkinson-Foster Bldg. Midland, Texas

Lessor or Tract ____ Field Wildcat State New Mexico

Well No. 1 Sec. 27 T. 11S R. 38E Meridian ____ County Lea

Location 660 ft. {N.} of S Line and 660 ft. {E.} of E Line of Section 27 Elevation 3901
(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 Nick A. Lieck

Date December 4, 1951 Title Drilling Superintendent

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

Commenced drilling May 26, 1951 Finished drilling November 30, 1951

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 12,140 to 12,148.5 No. 4, from ____ to ____

No. 2, from ____ to ____ No. 5, from ____ to ____

No. 3, from ____ to ____ No. 6, from ____ to ____

IMPORTANT WATER SANDS

No. 1, from 2850 to 4900 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 From—	Perforated To—	Purpose
11-3/4	42#	8R	National	332'	None	—	—	—	Surface
8-5/8	24#-32#	8R	Youngstown	4553'	Guide	1200	—	—	Salt String

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
11-3/4	332'	300	P&P		
8-5/8	4553'	1000	P P		

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 12,272 feet, and from — feet to — feet

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

DATES

____, 19____ Put to producing ____, 19____

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

R. H. Webb, Driller Otto Conpock, Driller

John Strahan, Driller ____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
1200	2340	1140	Red Beds and Sand top Rustler 2340
2340	2410	70	Anhydrite and Red Beds top salt 2410
2410	2895	485	Salt, Red Beds and anhydrite Base salt 2895
2895	3100	105	Anhydrite Top Yates 3100
3100	4450	1350	Sand, anhydrite, salt, and Red Beds. top San Andres 4450
4450	5060	610	Dolomite and anhydrite
5060	5260	200	Dolomite
5260	5905	645	Dolomite and Lime top Glorieta 5905
5905	6570	575	Sand, shale, anhydrite and dolomite top Clear Fork 6570
6570	7130	570	Dolomite with some sand, anhydrite, shale and chert. top Tubb 6130
7130	7810	680	Dolomite, sand, and anhydrite top Abo 7810
7810	9110	1300	Red, green and gray shale and dolomite top Hueco 9110
9110	10770	1660	Lime, chert and shale
10770	11050	280	Cherty lime, chert and shale; Top Bend 11050

(OVER)

16-43094-2

FOLD | MARK

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
11[illegible]50	11422	[illegible]72	Lime, sand and shale
			Top Mississippian 11422
11422	11971	549	Lime and chert
11971	12017	36	Sand, lime and shale
			Top Woodford 12017
12017	12088	71	Brown to black shale
			Top Devonian 12088
12088	12168	80	Dolomite
12168	12272	104	Dolomite and chert

HISTORY OF OIL OR GAS WELL

16—43094-1 U. S. GOVERNMENT PRINTING OFFICE

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 "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.

Drill Stem Tests

#1 [illegible]059-[illegible]135 Open 1 hr. rec. 70' mud, 15 min shut in pressure 1475#, Hydrostatic 4525#. Flow pressure 0.

#2 [illegible]799-[illegible]890 Open 3[illegible] min, strong blow, rec. 610' mud, 180' slightly oil cut-heavy gas cut mud, [illegible]' black salty sulfur water, 15 min. shut in 3750#, F.P. 1375#-3625#, Hydrostatic 5200#.

#3 11,378-11,408 Open 2 hrs, 1050' water blanket, slight blow for 3 min, rec. water blanket, 10' mud. 15 min, shut in 450#, Hydrostatic 5450#, F.P. 0

#4 12,089-12,177 Packer failed.

#5 12,097-12,148 Open 45 min, 900' WB, slight blow for 3 min, rec. 40' heavy oil & gas cut water blanket, 90' gas cut water blanket, 50' heavy oil & gas cut mud. 15 min. SI 675#, FP 425#, Hydrostatic 6550#.

#6 12,136-12,168 Packer failed.

#7 12,096-12,168 Open 2 hr 10 min, 1000' WB, medium to weak blow for 10 min, rec. 100' slightly oil cut-heavy gas cut water blanket, 900' slightly gas cut water blanket, 100' slightly oil & gas cut mud. 30 min shut in 1750#, FP 475#, Hydrostatic 6550#.

#8 12,167-12,208 Open 1 hr, 12 min, 1000' WB, slight blow for 10 min, rec. 1000' water blanket, 20' mud. 30 min, shut in failed. Flow pressure 250#, Hydrostatic 6250#.

#9 12,194-12,218 Open 55 min, rec. 200' mud, 15 min. shut in 0, FP 0, Hydrostatic 6425#.

#10 12,229-12,272 Open 1 hour, 1400' WB, fair blow decreasing to weak blow, rec. 1000' WB, 720' salty sulphur water. Flow pressure 750#, SIP(15 min) 4575#, H.S. 6275#.