N. M. O. C. C. COPY

Budget Bureau No. 42-R355.4.
Approval expires 12-31-60.

Form 9-330

U. S. LAND OFFICE
SERIAL NUMBER LC-069513 A
LEASE OR PERMIT TO PROSPECT

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OCT 9 1961
U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEX.

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10 1961
O. C. C.
ARTESIA, OFFICE

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

% OIL REPORTS & GAS SERVICES
BOX 763 HOBBS, NEW MEXICO

Company Charles [illegible] Address
Lessor or Tract Scott Federal Field Wildcat State New Mexico
Well No. 1 Sec. 3 T. 26S R. 30E Meridian County Eddy
Location 660 ft. [N.] of S. Line and [illegible] ft. [E.] of W. Line of Section 3 Elevation 3154 (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 [illegible]
Title Agent

Date October 5, 1961

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

Commenced drilling August 24, 1961, Finished drilling September 1, 1961

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from none to
No. 2, from to
No. 3, from to
No. 4, from to
No. 5, from to
No. 6, from to

IMPORTANT WATER SANDS

No. 1, from to
No. 2, from to
No. 3, 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
8 5/8	24#		[illegible]	321'	Baker				Surface
4 1/2	9.5#		[illegible]	3790'	Baker				Oil String

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	321	175	Pump & Plug		
4 1/2	3790	200	Pump & Plug		

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 3800 feet, and from feet to feet
Cable tools were used from feet to feet, and from feet to feet

DATES

P & A September 23, 1961

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

C. F. Martin, Driller
C. L. Loyd, Driller
G. W. Wissner, Driller
, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	325	325	Red bed
325	907	582	Red rock
907	1727	820	Anhydrite & shale
1727	2030	303	Anhydrite & gypsum
2030	3153	1123	Anhydrite & lime
3153	3460	307	Salt
3460	3700	240	Lime
3700	3800	100	Sand

Electric log tops:

Base Salt	3462
Top Lamar Lime	3659
Top Ramsey Sand	3699
Top Ford Shale	3768
Top Olds Sand	3774

FOLD

MARK

(OVER)

16—48094-4

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION

HISTORY OF OIL OR GAS WELL

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.

Core descriptions

Core No. 1

3700.0 - 50.0	Recovered 50'	
3700.0 - 01.8	Lt gry f.g. clean sand (Friable) NS	
3701.8 - 03.0	Atl. shly sand and shale	
3703.0 - 05.8	Lt gry f.g. clean sand (friable) w/show	
3705.8 - 06.0	Blk. shale	
3706.0 - 11.2	Lt gry f.g. clean friable sand w/Scott shows	
3711.2 - 11.4	Med gry f.g. shly sand	
3711.4 - 15.0	Lt gry f.g. clean friable sand w/Scott shows	
3715.0 - 18.5	Med gry f.g. shly sand, NS	
3718.5 - 28.0	Lt gry f.g. clean friable sand w/Scott shows	
3728.0 - 28.5	Med gry f.g. shly sand, NS	
3728.5 - 29.0	Med gry f.g. V. shly sand, NS	
3729.0 - 33.5	Lt gry f.g. clean friable sand w/show	
3733.5 - 33.5	Med gry f.g. shly sand, NS	
3733.5 - 39.2	Med gry f.g. shly sand, NS	
3739.2 - 39.7	Lt gry f.g. clean friable sand w/show	
3739.7 - 50.0	Med gry f.g. shly sand, NS	

Core No. 2

3750.0 - 52.5	Recovered 52'
3750.0 - 52.5	Clean friable f.g. sand, NS
3752.5 - 58.5	Very shly f.g. sand, NS
3758.5 - 60.5	Slightly sandy shale
3760.5 - 73.0	Very shly f.g. sand, NS
3773.0 - 86.5	Very f.g. sand, NS
3786.5 - 87.5	Slightly shly sand
3787.5 - 90.6	Very f.g. sand w/shale inclusions
3790.6 - 94.6	Very hard, tight shly shale
3794.6 - 3800	[illegible]

DST 3692 to 3714. Open 45 min, good blow of air, steady to slightly strong throughout test. Recovered 390' very heavily gas-cut mud, very foamy. I.H. 2142#, 15 min ISIP 433#, IF 60#, FF 120#, 30 min FSIP 1348# F.H. 2148#, Temp. 95 deg.

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