

Form 9-330

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

U. S. LAND OFFICE Santa Fe

SERIAL NUMBER LC-061497

LEASE OR PERMIT TO PROSPECT

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JUN 11 1962

UNITED STATES

DEPARTMENT OF THE INTERIOR
U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

GEOLOGICAL SURVEY

JUN 12 1962

O. C. C.
ARTESIA, OFFICE

LOG OF OIL OR GAS WELL

Company Curtis Bankamer Address 1422 Bank of Southwest Bldg., Houston, Texas
Lessor or Tract Gulf Federal 3 Field Brashy Draw State New Mexico
Well No. 5-8 Sec. 13 T. 26S R. 29E Meridian NPM County Sady
Location 1980 ft. [N.] of 8 Line and 660 ft. [E.] of W Line of Sec. 13 Elevation 2977.6
(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.

NO COPIES THIS LOG TO BE MADE OR REPRODUCED. Signed Phil C. Bankamer
Date 6/6/62 Title Engineer

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

Commenced drilling 5/22, 1962 Finished drilling 5/22, 1962
OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 315 to 3202 No. 4, from _____ to _____

No. 2, from 3202 to 3276 No. 5, from _____ to _____

No. 3, from 3276 to 3276 No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from 315 to 3202 No. 3, from _____ to _____

No. 2, from 3202 to 3276 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	21.6	8	316	316	Pattern	315	315	315	Pattern
4 1/2	9.5	8	3276	3276	R-3 Packer	3276	3276	3276	Prod. String
2	4.6	8	3165	3165					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	316	160 sacks	Plug	9	
4 1/2	3276	150 cu. ft. Pozmix Cement	Plug	10	
2	3165				

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 _____, 19____

The production for the first 24 hours was _____ barrels of fluid of which 6/1 % was oil; 62 % emulsion; _____ % water; and _____ % sediment.

Gravity, °Bé. 60

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

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

_____, Driller _____, Driller

_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	315	315	Red rock and sand
315	840	525	Salt and anhydrite
840	1375	535	Salt, anhydrite and gypsum
1375	1830	455	Anhydrite and GYP
1830	2260	430	Anhydrite
2260	2530	270	Salt and anhydrite
2530	3080	550	Anhydrite
3080	3276	195	Sand

(OVER)

FORMATION RECORD—Continued

FROM-	TO-	TOTAL FEET	FORMATION
3000	2800	200	Gravelly sandstone, yellowish, medium bedded, contains small pebbles of quartz and chert.
2800	2600	200	Sandstone, yellowish, medium bedded, contains small pebbles of quartz and chert.
2600	2400	200	Sandstone, yellowish, medium bedded, contains small pebbles of quartz and chert.
2400	2200	200	Sandstone, yellowish, medium bedded, contains small pebbles of quartz and chert.
2200	2000	200	Sandstone, yellowish, medium bedded, contains small pebbles of quartz and chert.
2000	1800	200	Sandstone, yellowish, medium bedded, contains small pebbles of quartz and chert.
1800	1600	200	Sandstone, yellowish, medium bedded, contains small pebbles of quartz and chert.
1600	1400	200	Sandstone, yellowish, medium bedded, contains small pebbles of quartz and chert.
1400	1200	200	Sandstone, yellowish, medium bedded, contains small pebbles of quartz and chert.
1200	1000	200	Sandstone, yellowish, medium bedded, contains small pebbles of quartz and chert.
1000	800	200	Sandstone, yellowish, medium bedded, contains small pebbles of quartz and chert.
800	600	200	Sandstone, yellowish, medium bedded, contains small pebbles of quartz and chert.
600	400	200	Sandstone, yellowish, medium bedded, contains small pebbles of quartz and chert.
400	200	200	Sandstone, yellowish, medium bedded, contains small pebbles of quartz and chert.
200	0	200	Sandstone, yellowish, medium bedded, contains small pebbles of quartz and chert.

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 "struck", or left in the well, give its size and location. 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.

Set 1/2" casing to 3276.
Notched casing w/ HONCO @ 3179 and 3175.
Run packer in hole and sand (reservoir w/ water following material):
500 gals 15% H₂SO₄ added.
1000 gals. refined oil.
10000 lb. to sand.

Opened well up and well began flowing.
Base of Lower Salt Oil 3273.
Top of Lower Salt Oil 3176.
Top of Lower Salt Oil 3174.
The summary of this work is for the condition of the well as follows:
No copies of electric logs attached.
No cores were taken on this well.

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UNITED STATES
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