N. M. O. C. C. COPY

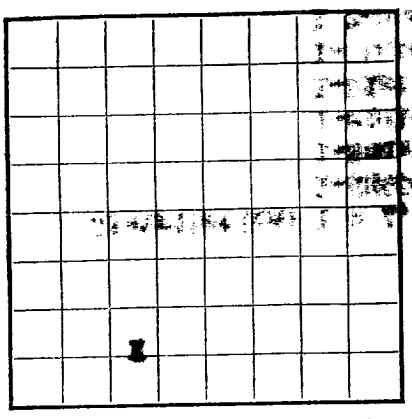
Form 9-330

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

U. S. LAND OFFICE LC 070938

SERIAL NUMBER

LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED
MAY 11 1960
O. C. C.
ARTESIA, OFFICE

LOG OF OIL OR GAS WELL

Company [redacted] Address [redacted]

Lessor or Tract [redacted] Field [redacted] State [redacted]

Well No. [redacted] Sec. [redacted] T. [redacted] R. [redacted] Meridian [redacted] County [redacted]

Location 660 ft. [N.] of [S.] Line and [redacted] ft. [E.] of [W.] Line of Sec 9 Elevation 3508
(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 [redacted]

Date April 22, 1960 Title Dist. Supt.

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

Commenced drilling [redacted], 19[redacted] Finished drilling [redacted], 19[redacted]

Date Well Completed March 18, 1960

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from [redacted] to [redacted] 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 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 From—	Perforated To—	Purpose
[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
[redacted]	1497	700	[redacted]	-	-
[redacted]	5790	350	[redacted]	-	-

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 0 feet to 5790 feet, and from feet to feet

DATES

March 18, 19[redacted] Put to producing March 18, 19[redacted]

The production for the first 24 hours was 60 barrels of fluid of which [redacted]% was oil; 60% emulsion; [redacted]% water; and [redacted]% sediment.

Gravity, °Bé. 40.2

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

Rock pressure, lbs. per sq. in.

EMPLOYEES

[redacted], Driller [redacted], Driller

[redacted] Connolly, Driller J. W. Hodge, Driller

R. O. Blackledge

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	145	145	Red bed
145	497	352	Anhydrite & redbed
497	680	183	Anhydrite
680	1391	711	Anhydrite & gyp
1391	1468	77	Anhydrite, gyp & lime
1468	1500	32	Anhydrite & lime
1500	2000	500	Lime
2000	2320	320	Lime & sand
2320	2408	88	Lime
2408	2608	200	Lime & sand
2608	2780	172	Lime
2780	3012	232	Lime & sand
3012	3070	58	Lime
3070	3216	146	Lime & sand
3216	4503	1287	Lime
4503	5097	594	Dolomite & chert
5097	5152	55	Dolomite & shale
5152	5180	28	Lime & chert
5180	5272	92	Lime & shale
5272	5322	50	Lime, dolomite & shale
5322	5377	55	Lime & shale
5377	5764	387	Lime, dolomite & shale
5764	5790 TD	26 [redacted]	Lime & dolomite

FORMATION TOPS: San Andres, 1547. Yates [redacted]. Abo 5160'.

FOLD | MARK

16—48094-4

FORMATION RECORD—Continued

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION

HISTORY OF OIL OR GAS WELL

16—43094-2 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.

The well was drilled to a total depth of 5790' with a completion depth of 5781'.

Spudded 11" hole at 10:30 P.M., 2/13/60. Set 1482' of 8 5/8" casing at 1497' with 700 sx regular neat cement. Cement did not circulate. Top of cement at 1078' by temperature survey.

Drilled with wtr from surface casing to 5097' then mudded up & drilled to a total depth of 5790'. Ran GR & SL logs. Finished drilling at 4:00 P.M., 3/12/60.

Set 5075' of 4-1/2" casing at 5781' with 350 sx regular neat with 25 gal. top of cement at 3000' by temperature survey. Ran perforated formation collar chart. Loaded hole w/wtr to surface. Perforated 4-1/2" casing 5650-5660' and 5670 to 5682' w/2 jet shots per ft. (Lane Wells Parent Jet).

Acidized perforations w/1000 gals 15% HCl acid with oil injection rate of 1 bbl. then bled acid out outside end of hole. Testing well. Second treatment: Acidized perforations w/5000 gals 15% HCl at 4.2 BPM. Pushed load wtr in chase plugger. Testing w oil.

Well was completed as flowing oil well. On 23-1/2 hr potential test, flowed 82.10 bo & 16/64" choke.

Distribution: 1 & 4, USGS, Artesia
1-USGS, Roswell
1-Compton
1-Midland
1-Dick Fite
1-State Engineer Office (James L. Wright), Roswell
1 2-Monte Oil, Artesia