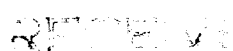


LEASE OR PERMIT TO PROSPECT



GEOLOGICAL SURVEY

D. C. C.
ARTESIA, OFFICE

LOCATE WELL CORRECTLY

Location 660 ft. $\left\{ \begin{smallmatrix} \text{N.} \\ \text{S.} \end{smallmatrix} \right\}$ of S. Line and 2310 $\left\{ \begin{smallmatrix} \text{E.} \\ \text{W.} \end{smallmatrix} \right\}$ of W. Line of Section 31 Elevation 3529

Signed W. D. Anderson

Title.....Operator

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

Commenced drilling April 25, 1960 Finished drilling June 11, 1960

(Denote gas by G)

No. 1, from 3326 to 3383 No. 4, from _____ to _____

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

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

No. 1, from 350 to 360 No. 3, from 2955 to 2971

No. 2, from 550 to 560 No. 4, from 3532 to 3540

665 675 CASING RECORD

MUDDING AND CEMENTING RECORD

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____

Adapters—Material..... Size

SHOOTING RECORD

[illegible]

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

Cable tools were used from 0 feet to 3655 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

EMPLOYEES

E. W. Hughes, Driller J. H. Howell, Driller

G. H. Harris, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	15	15	Caliche
15	60	45	Red Sand
60	80	20	Red Sandy Shale
80	525	445	Red Shale
525	550	25	Anhydrite
550	560	10	Red Sand (Water)
560	687	127	Anhydrite
687	755	68	Anhydrite & Shale
755	1968	1213	Salt
1968	2210	242	Anhydrite
2210	2420	210	Anhydrite & Shale
2420	2455	35	Broken Anhydrite
2455	2495	40	Anhydrite & Shale
2495	2575	80	Anhydrite
2575	2587	12	Lime
2587	2610	23	Red Sandy Shale
2610	2648	38	Pink Lime
2648	2657	9	Lime
2657	2685	28	Red Sand & Pink Lime
2685	2940	255	Lime
2940	2971	31	Red Sand (Water 2955-71)
2971	3156	185	Lime
3156	3209	53	Sandy Lime
3209	3215	6	Sand (White)
3215	3376	161	Lime

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
3376	3395	19	Sandy lime (Show Oil 3376-831)
3395	3492	97	Lime
3492	3516	24	State & Lime Shells
3516	3590	74	Lime
3590	3594	4	Sandy Lime
3594	3600	6	Sand (White)
3600	3641	41	Sandy Lime
3641	3655	14	Lime TD
Geological Tops:			
Top Salt	755		
Base Salt	1965		
Top Yates	2170		
Top Seven Rivers	2611		
Top Queen	3146		
Top Penrose	3376		
Top Grayburg	3620		

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.

HISTORY OF OIL OR GAS WELL

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