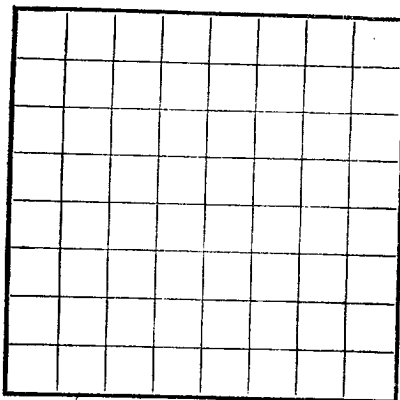


U. S. LAND OFFICE Las Cruces

SERIAL NUMBER 062618-A

LEASE OR PERMIT TO PROSPECT _____



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Tom Boyd Address Artesia, New Mexico

Lessor or Tract _____ Field _____ State New Mexico

Well No. 1 Sec. 23 T. 16 R. 27 Meridian N.M.P.M. County Eddy

Location 1980 ft. $\left\{ \begin{array}{c} \text{N.} \\ \text{E.} \end{array} \right\}$ of Line and 660 ft. $\left\{ \begin{array}{c} \text{E.} \\ \text{W.} \end{array} \right\}$ of Line of Elevation

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 Albert D. Howland

Date January 16, 1957 Title Agent

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

Commenced drilling November 25, 1956 Finished drilling December 21, 1956

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

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

No. 2, from _____ to _____

No. 3, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from 225 to 231 No. 3, from 515 to 530

No. 2, from 325 to 335 No. 4, from _____ to _____

CASING RECORD

[illegible]

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10 3/4	627'	30 Sacks Tower Cel.			
10 3/4	627'	125	Denton	X	No shut off

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____

[illegible]

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 956 feet, and from _____ feet to _____ feet

DATES

	Put to producing _____	19_____
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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	
O. V. Calvert	Driller
P. B. Snook	Driller

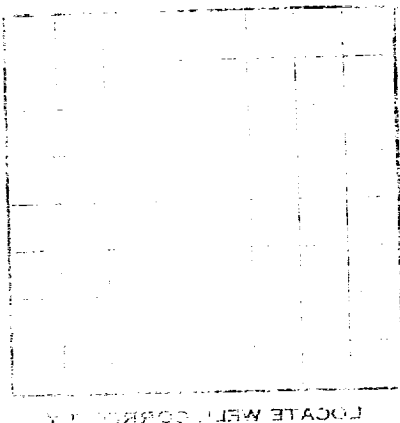
James E. Davis	Driller
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FORMATION RECORD

FORMATION RECORD			
FROM—	TO—	TOTAL FEET	FORMATION
0	50	50	Caliche and Gyp
50	70	20	Red Shale
70	120	50	Gyp
120	165	45	Anhy.
165	175	10	Anhy. and R. R.
175	225	50	Red Bed
225	231	6	Water Sand (1½ Bailers per hr.)
231	250	19	Red Shale and Gyp
250	300	50	Red Shale
300	310	10	Red Shale
310	355	45	Gyp and Anhy. (2½ Balers per hr.)
355	395	40	Anhy.
395	400	5	Red Shale
400	498	98	Anhy.
498	502	4	Blue Shale
502	550	48	Anhy. (6 Bailers per hr.)
550	556	6	Red Shale
556	625	69	Anhy.
625	631	6	Salt
631	660	29	Blue Shale and Anhy.
660	678	18	Anhy.
678	680	2	Red Bed
680	699	19	Salt and Anhy.
699	705	6	Anhy. and R. R.
705	715	10	Red Shale

LOG OF OIL OR GAS WELL

UNITED STATES
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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

FROM-	TO-	TOTAL FEET	FORMATION
715	725	10	Argy. and Salt
725	736	9	Argy.
736	740	6	Red shale
740	750	10	Salt
750	785	35	Argy. and R. R.
785	820	20	Argy.
820	845	5	Red shale
845	905	60	Argy. and R. R.
905	956	51	Argy.

FORMATION RECORD

EMPLOYED

DATES

TOOLS USED

SHOOTING RECORD

LOCATIONS OF BRIDGES

CHANGES MADE