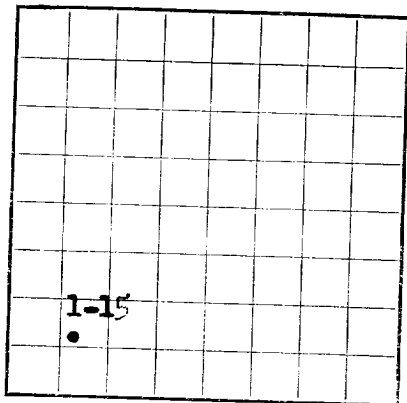




LOCATE WELL CORRECTLY

RECEIVED

MAY 13 1960

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYU. S. LAND OFFICE
SERIAL NUMBER LC 067324
LEASE OR PERMIT TO PROSPECT

RECEIVED

MAY 13 1960

ST. LOUIS
ARIZONA

LOG OF OIL OR GAS WELL

Company George L. Buckles Company Address P. O. Box 56 - Monahans, Texas
Lessor or Tract Federal Field Wildcat State New Mexico
Well No. 1-15 Sec. 15 T. 26-S R. 31-E Meridian 10NPM County Eddy
Location 660 ft. N of S Line and 660 ft. E of W Line of Section 15 Elevation _____
(Derriek 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.

Date May 11, 1960 Signed Robert M. Orr Title Chief Engineer

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

Commenced drilling April 27, 19 60 Finished drilling May 10, 19 60

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from Dry to _____ 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		Purpose
							From—	To—	
<u>8-5/8</u>	<u>20 lb.</u>			<u>659'</u>	<u>Regular</u>				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>8-5/8</u>	<u>659'</u>	<u>275</u>			

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 4155 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

May 10, 19 60 Put to producing _____, 19 _____
Dry

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

Cummings, Driller Stewart
Davis, Driller _____
_____, Driller _____

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>100</u>	<u>100</u>	<u>Sand & Caliche</u>
<u>100</u>	<u>625</u>	<u>525</u>	<u>Sand & Gravel</u>
<u>625</u>	<u>665</u>	<u>40</u>	<u>Shale</u>
<u>665</u>	<u>380</u>	<u>215</u>	<u>Sand & Shale</u>
<u>380</u>	<u>980</u>	<u>100</u>	<u>Shale</u>
<u>980</u>	<u>1631</u>	<u>651</u>	<u>Anhydrite, Shale & Gypsum</u>
<u>1631</u>	<u>1720</u>	<u>89</u>	<u>Anhydrite, Shale & Salt</u>
<u>1720</u>	<u>2132</u>	<u>412</u>	<u>Anhydrite & Salt</u>
<u>2132</u>	<u>2620</u>	<u>488</u>	<u>Anhydrite & Gypsum</u>
<u>2620</u>	<u>3507</u>	<u>887</u>	<u>Anhydrite & Shale</u>
<u>3507</u>	<u>3771</u>	<u>264</u>	<u>Anhydrite & Salt</u>
<u>3771</u>	<u>3984</u>	<u>213</u>	<u>Anhydrite</u>
<u>3984</u>	<u>4008</u>	<u>24</u>	<u>Black Shale</u>
<u>4008</u>	<u>4155 T.D.</u>	<u>147</u>	<u>Shale & Shaly Sand.</u>
			<u>Top of Delaware-3984'</u>
			<u>Top of Delaware</u>
			<u>Sand-4020'</u>

Note: All measurements are taken from ground level.

FROM-	TO-	TOTAL FEET	FORMATION
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TOTAL FEET

—CJ

FROM—

Pumped 35 sacks of cement across Delaware formation from 4151' to 3969', 20 sacks at 1972' and 20 sacks at 762'. Marker cemented in top of surface casing with 5 sacks of cement. Remainder of hole filled with low water loss mud. Location restored to original level. Copies of log and core analysts enclosed.

16-43084-2 U. S. GOVERNMENT PRINTING OFFICE

Depth	Deviation	Depth	Deviation
2281	1/20	2-1/4	2371
2281	10	2-1/4	2493
2281	30	2-1/4	2555
2281	30	2-1/4	2615
2281	20	2-1/4	2677
2281	20	1-1/20	2781
2281	20	1-1/20	2924
2281	20	1-1/4	3047
2281	20	1-1/4	3169
2281	20	1-1/4	3322
2281	20	1-1/4	3507
2281	20	2-1/4	3637
2281	20	3-1/4	3760
2281	20	3-1/20	3791
2281	30	3-1/20	3821
2281	30	2-3/4	3883
2281	20	2-3/4	4005