

HOBBS OFFICE

New Mexico

U. S. LAND OFFICE

SERIAL NUMBER

LC-068401

LEASED OR PERMIT TO PROSPECT

Federal "K" #1

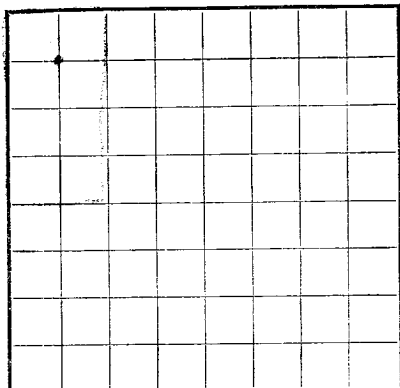
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760 DSTS

UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY



LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company Joseph I. O'Neill, Jr. Address 410 W. Ohio, Midland, Texas
Lessor or Tract Federal "K" Field Allison (Penn) State New Mexico
Well No. 1 Sec. 34 T. 8S R. 37E Meridian NMPM County Roosevelt
Location 660 ft. N of N Line and 510 ft. E of W Line of Sec. 34 Elevation 4010 GL.
(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

Title Production ClerkDate 4-30-62

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

Commenced drilling 3-19, 19 62 Finished drilling 4-20, 19 62

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 9567 to 9577 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>13-3/8</u>	<u>48</u>	<u>8RD</u>	<u>H-40</u>	<u>431</u>					<u>Surface</u>
<u>8-5/8</u>	<u>32</u>	<u>8RD</u>	<u>J-55</u>	<u>4276</u>	<u>Baker Guide Shoe</u>				<u>Interna</u>
<u>5-1/2</u>	<u>17</u>	<u>8RD</u>	<u>J-55 N-80</u>	<u>9612</u>			<u>9567</u>	<u>9577</u>	<u>Oil string</u>
<u>2-3/8</u>	<u>4.70</u>	<u>8RD</u>	<u>J-55</u>	<u>9548</u>					<u>Tubing</u>

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>13-3/8</u>	<u>448</u>	<u>420</u>	<u>pump</u>		
<u>8-5/8</u>	<u>4274</u>	<u>330</u>	<u>pump</u>		
<u>5-1/2</u>	<u>9592</u>	<u>651 cu ft</u>	<u>pump</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 9590 feet, and from _____ feet to _____ feet

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

DATES

_____ 4-20, 19 62 Put to producing 4-24, 19 62

The production for the first 24 hours was 191 barrels of fluid of which 100 % was oil; _____ %
emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. 45.1

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

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

_____ Great Western, Driller _____, Driller_____ Midland, Texas, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>280</u>	<u>280</u>	<u>Surface shale</u>
<u>280</u>	<u>452</u>	<u>172</u>	<u>Red bed</u>
<u>452</u>	<u>670</u>	<u>218</u>	<u>Anhy - Red bed</u>
<u>670</u>	<u>1882</u>	<u>1212</u>	<u>Shale</u>
<u>1882</u>	<u>3143</u>	<u>1261</u>	<u>Salt - shale - anhy</u>
<u>3143</u>	<u>4275</u>	<u>1132</u>	<u>Lime & Shale</u>
<u>4275</u>	<u>6142</u>	<u>1867</u>	<u>Lime</u>
<u>6142</u>	<u>7814</u>	<u>1672</u>	<u>Shale - Lime</u>
<u>7814</u>	<u>8745</u>	<u>931</u>	<u>Lime</u>
<u>8745</u>	<u>9553</u>	<u>808</u>	<u>Lime</u>
<u>9553</u>	<u>9590</u>	<u>37</u>	<u>Lime</u>

[OVER]

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FORMATION RECORD-Continued

FROM-	TO-	TOTAL FEET	FORMATION
			Tops Derrick Floor Elev. 4018 Bough C. 9550 (-5532) Electric Log Top

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.