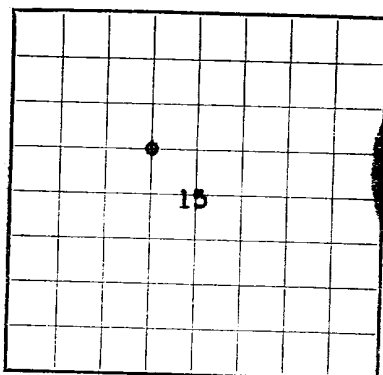




LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYU. S. LAND OFFICE Santa Fe
SERIAL NUMBER USSE 078476
LEASE OR PERMIT TO PROSPECT _____

LOG OF OIL OR GAS WELL

Company Western Natural Gas Company Address 823 Midland Tower, Midland, Texas
Lessor or Tract Oxnard Field Largo-P.C. State New Mexico
Well No. 3 Sec. 15 T. 27N R. 8W Meridian NMPM County San Juan
Location 1650 ft. N of N Line and 1190 ft. E of W Line of Sec. 15 Elevation 5912
(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 W. B. CookDate September 12, 1956 Title Petroleum Engineer

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

Commenced drilling 8-10, 1956 Finished drilling 8-22, 1956

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2080 to 2100 G No. 4, from _____ to _____
No. 2, from 2114 to 2134 G No. 5, from _____ to _____
No. 3, from 2138 to 2150 G No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from 650 to 670 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>24.7</u>	<u>8rd</u>		<u>96.85</u>	<u>Tex. Pat.</u>				
<u>5 1/2</u>	<u>15.5</u>	<u>8rd</u>		<u>221</u>	<u>Baker</u>		<u>2080</u>	<u>2100</u>	<u>Surface Producing</u>
					<u>Pile</u>		<u>2114</u>	<u>2134</u>	<u>String</u>
							<u>2138</u>	<u>2150</u>	

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud xxx Wt.	Amount of mud used
<u>8 5/8</u>	<u>106</u>	<u>70 neat</u>	<u>Pump</u>	<u>9.0</u>	
<u>5 1/2</u>	<u>2192</u>	<u>150 neat</u>	<u>Pump & Plug</u>	<u>9.9</u>	

PLUGS AND ADAPTERS - None

Heaving plug—Material _____ Length _____ Depth set _____
Adapters—Material _____ Size _____

SHOOTING RECORD - None

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Rotary tools were used from 0 feet to 2192 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

September 8, 1956 Put to producing Shut-in, 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 5594 MCF after 12 days shut-in - 3 hr. blowdownRock pressure, lbs. per sq. in. 810.50 (Shut In Well Head Pressure)

EMPLOYEES

C. B. Guffey, Driller J. H. Creamer, Driller
H. B. Barber, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>1360</u>	<u>1360</u>	<u>Sand w/shale streaks</u>
<u>1360</u>	<u>1850</u>	<u>490</u>	<u>Broken shale & sand</u>
<u>1850</u>	<u>2076</u>	<u>226</u>	<u>Shale, sand & coal</u>
<u>2076</u>	<u>2192</u>	<u>116</u>	<u>Pictured Cliffs sand w/thin shale breaks.</u>
			<u>1/Pictured Cliffs 2076</u>

[OVER]

FORMATION RECORD—Continued[illegible]

HISTORY OF OIL OR GAS WELL

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.

Estimated 650' zone water flow at 4 bbl/min thru Bradenhead outlet. Squeezed off this water flow in one stage of pumping with following mixture of cement: 100 sacks neat, 24 sacks calseal, and 4 sacks calcium chloride. Ran Gamma-Ray and Neutron surveys and then perforated following intervals: 2080-2100, 2114-2134, 2138-2150 with four jet shots per foot. Commenced swabbing 5 1/2" casing - well swabbed dry in 45 minutes. Natural flow of gas too small to measure. Tested 5 1/2" casing with 1000 psi for 30 min. - pressure held O.K.

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UNITED STATES

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