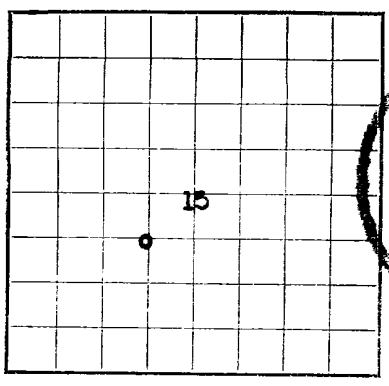
Form 9-330

Budget Bureau No. 42-R-355.3.
Approval expires 12-31-55.

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER USSF 078476
LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

RECEIVED
OIL CON. COM.
DIST. 3

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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. 2 Sec. 15 T. 27N R. 8W Meridian NMPM County San Juan
Location 1650 ft. {N./S.} of S Line and 1190 ft. {E./W.} of W Line of Sec. 15 Elevation 5916 (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 Cook
W. B. Cook

Date September 12, 1956 Title Petroleum Engineer

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

Commenced drilling 8-9, 19 56 Finished drilling 8-17, 19 56

OIL OR GAS SANDS OR ZONES

(*Denote gas by G*)

No. 1, from 2076 G to 2085 No. 4, from to
No. 2, from 2099 G to 2117 No. 5, from to
No. 3, from 2137 G to 2149 No. 6, from to

IMPORTANT WATER SANDS

No. 1, from 620 to 650 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 From—	Perforated To—	Purpose
8 5/8	24.7	8rd		95.43	Tex.Pat.				Surface
5 1/2	15.5	8rd		2212	Baker Float		2076	2085	Producing string
							2099	2117	

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity xxxx Wt.	Amount of mud used
8 5/8	105	70 neat	Pump	9.0	-
5 1/2	2202	150 neat	Pump & plug	9.8	-

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 2202 feet, and from feet to feet
Cable tools were used from feet to feet, and from feet to feet

DATES

September 8, 19 56 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 5,494 MCF - three hr. blowdown test after 16 days S.I. Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in. 853.60 (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
0	1350	1350	Sand w/shale streaks
1350	1800	450	Broken shale & sand
1800	2072	272	Shale, sand & coal
2072	2202	130	Pictured Cliffs sand w/thin shale breaks. T/Pictured Cliffs 2072.

[OVER]

16—43094-3

FOLD | MARK

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION

16—43094-2 U. S. GOVERNMENT PRINTING OFFICE

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.

Moved in cable tool rig. 620 foot zone water flow gauged 8 bbl/min. of fresh, soft water - coming out of rat hole, 5½" - 8 5/8" annulus, and behind 8 5/8" surface casing. Squeezed off this water flow with 200 sacks neat, 87 sacks calseal, and 16 sacks calcium chloride mixture in three separate stages of pumping. Final surface pressure on 3rd stage was 300 psi. 5½" casing free-point probably at 50' down from surface. Tested 5½" casing with 1000 psi for 30 min. - pressure held O.K.

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