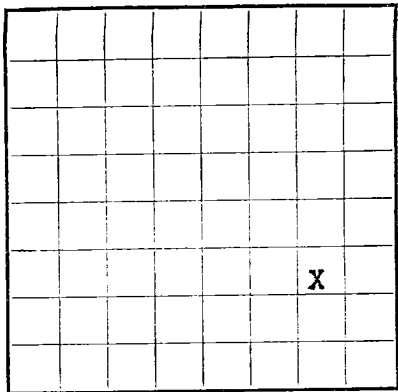


U. S. LAND OFFICE New Mexico
SERIAL NUMBER 01385
LEASE OR PERMIT TO PROSPECT _____



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company San Juan Gas Corporation Address Box 997, Farmington, New Mexico
Lessor or Tract Federal Field Cavalin P.C. State New Mexico
Well No. 25-D Sec. 25 T. 25N R. 2W Meridian N.M.P.M. County Rio Arriba
Location 1500 ft. N. of S Line and 99 ft. NE of E Line of Section 25 Elevation 7444'
Box W. (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 ORIGINAL SIGNED E. S. OBERLY

Date June 18, 1958 Title Agent

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

Commenced drilling 3-10, 1958 Finished drilling 3-23, 1958

OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from 3511 to 3570 (G) 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>21</u>	<u>8 Rd.</u>	<u>J-55</u>	<u>128'</u>	<u>Howe</u>				<u>Surface</u>
<u>5 1/2"</u>	<u>15.5</u>	<u>8 Rd.</u>	<u>J-55</u>	<u>3590'</u>	<u>Baker</u>				<u>Prod. casg.</u>
<u>1 1/4"</u>	<u>2.4</u>	<u>8 Rd.</u>	<u>Grade "A"</u>	<u>3540'</u>					<u>Siphon</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>128'</u>	<u>100</u>	<u>Circulated</u>		
<u>5 1/2"</u>	<u>3590'</u>	<u>100</u>	<u>Single Stage</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
		<u>See Well History</u>				

TOOLS USED

Rotary tools were used from 0 feet to 3598 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____ 1958 Put to producing _____ 19____
5-16
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 1,341,000 Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. 942 A.O.F. - 1537 MCF/D

EMPLOYEES

_____, Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>3220</u>	<u>3220</u>	<u>Tan to gry crgrn ss interbedded w/gry sh.</u>
<u>3220</u>	<u>3382</u>	<u>162</u>	<u>Ojo Alamo ss. White cr-grn s.</u>
<u>3382</u>	<u>3448</u>	<u>66</u>	<u>Kirtland form. Gry sh interbedded w/tight gry 1</u>
			<u>fine grn ss.</u>
<u>3448</u>	<u>3511</u>	<u>63</u>	<u>Fruitland form. Gry carb sh, scattered coals,</u>
			<u>coals and gry, tight, fine-grn ss.</u>
<u>3511</u>	<u>3570</u>	<u>59</u>	<u>Pictured Cliffs form. Gry, fine-grn, tight,</u>
			<u>varicolored soft ss.</u>
<u>3570</u>	<u>3598</u>	<u>28</u>	<u>Lewis formation. Gry to white dense sh w/silty</u>
			<u>to shaly ss breaks.</u>

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.

4-24-58 B.D. 3598'. CORD 3575'. Water frac. P.C. part. Int. 3513-3532; 3556-3570 V/36,000 gal. water and 35,000# sand. HDP None, max. pr. 1800#, avg. tr. pr. 1350# and 1550#. I.R. 67.7 BPM. Flush 5000 gal. Dropped one set of 25 balls-- 2 stages.
5-11-58 Re-perf. P.C. 6 bullets/ft. 3556-3561; 2 bullets/ft. 3561-3570; one 1 1/2" bullet @ 3508'. Fired vibro-frac charge @ 3555-3561'. Perf. P.C. 6 bullets/ 3517-3522'; 2 bullets/ft. 3522-3530; one 1 1/2" bullet @ 3520'. Fired vibro-frac charge @ 3517-3523'. Fracked w/49,500 gal. and 40,000# sand. No flush. BD None, max. 1675#, treat. 1500#. I.R. 73 BPM. 30 balls.

ON GUNN, JAMES E. 2 1000-1