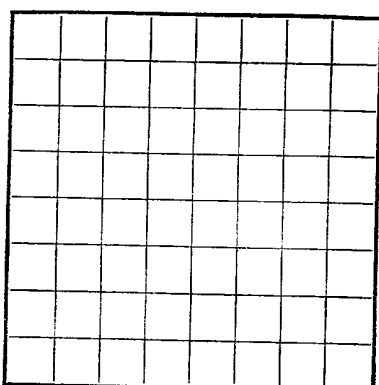




U. S. LAND OFFICE **Santa Fe**
SERIAL NUMBER **079074**
LEASE OR PERMIT TO PROSPECT

RECEIVED
FEB 1 1963

LOG OF OIL OR GAS WELL U.S. GEOLOGICAL SURVEY
 WELL NO. LOCATION, NEW MEXICO

U. S. GEOLOGICAL SURVEY
WELLINGTON, NEW MEXICO

Company El Paso Natural Gas Company Address Box 990, Farmington, New Mexico
Lessor or Tract San Juan 30-6 Unit Field Blanco Mesa Verde State New Mexico
Well No. 38 (GWO) Sec. 27 T. 30N R. 7W Meridian N.M.P.M. County Rio Arriba
Location 990 ft. N of S Line and 990 ft. E of W Line of Section 27 Elevation 6909
XX XX
(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 H.E. McANALLY

Date January 31, 1963 Title Petroleum Engineer

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

Commenced drilling 8-16-62, 1962 Finished drilling 10-14- 1962

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

(Denote gas by G)

No. 1, from <u>5550</u> to <u>5770 (G)</u>	No. 4, from _____ to _____
No. 2, from <u>5770</u> to <u>6292 (G)</u>	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—	
9 5/8"	34	8 rd	J-55	6123	Baker				Drill casing
5 1/2"	5.5, 14	8 rd	J-55	5430	Baker				Drill casing
2 7/8"	6.4	8 rd	J-55	6123	Baker				Drill casing

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9 5/8"	218	125	circulated		
5 1/2"	5440	285	single		
2 7/8"	6133	200	single		

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
See Workover Attached.						

TOOLS USED

TOOLS USED

Rotary tools were used from 0 feet to 622 feet, and from _____ feet to _____ feet

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

DATES

-----12-21-----, 1962 Put to producing -----, 19-----

The production for the first 24 hours was ----- barrels of fluid of which ----- % was oil; ----- % emulsion; ----- % water; and ----- % sediment.

Gravim. °Bé. -----

If gas well, cu. ft. per 24 hours 2,074,000 Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. 824 csg. A.O.F. 2214 MCF/D

EMPLOYEES

_____, Driller

_____, Driller

FORMATION RECORD

FORMATION RECORD			
FROM—	TO—	TOTAL FEET	FORMATION
0	3790	3790	
3790	5550	1760	Pictured Cliffs
5550	5770	220	Cliff House
5770	6292	522	Point Lookout

LOG OF OIL OR GAS WELL

OIL OR GAS SANDS OF KOWEE

(See page 10)

No.	From	To	Remarks
No. 1	from	to	
No. 2	from	to	
No. 3	from	to	

IMPORTANT WATER SANDS

No.	From	To	Remarks
No. 1	from	to	
No. 2	from	to	

Casing	Per foot	Weight per foot	Marks	Amount	Kind or other	Containing such parts	From	To	Remarks

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of reentering, 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 "sideracked" 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.

DATE	DESCRIPTION	AMOUNT	CHECK NO.	DEPOSITED	BALANCE
1977 11 1	...	...	...	...	...
1977 11 2	...	...	...	...	...
1977 11 3	...	...	...	...	...
1977 11 4	...	...	...	...	...
1977 11 5	...	...	...	...	...
1977 11 6	...	...	...	...	...
1977 11 7	...	...	...	...	...
1977 11 8	...	...	...	...	...
1977 11 9	...	...	...	...	...
1977 11 10	...	...	...	...	...
1977 11 11	...	...	...	...	...
1977 11 12	...	...	...	...	...
1977 11 13	...	...	...	...	...
1977 11 14	...	...	...	...	...
1977 11 15	...	...	...	...	...
1977 11 16	...	...	...	...	...
1977 11 17	...	...	...	...	...
1977 11 18	...	...	...	...	...
1977 11 19	...	...	...	...	...
1977 11 20	...	...	...	...	...
1977 11 21	...	...	...	...	...
1977 11 22	...	...	...	...	...
1977 11 23	...	...	...	...	...
1977 11 24	...	...	...	...	...
1977 11 25	...	...	...	...	...
1977 11 26	...	...	...	...	...
1977 11 27	...	...	...	...	...
1977 11 28	...	...	...	...	...
1977 11 29	...	...	...	...	...
1977 11 30	...	...	...	...	...
1977 12 1	...	...	...	...	...
1977 12 2	...	...	...	...	...
1977 12 3	...	...	...	...	...
1977 12 4	...	...	...	...	...
1977 12 5	...	...	...	...	...
1977 12 6	...	...	...	...	...
1977 12 7	...	...	...	...	...
1977 12 8	...	...	...	...	...
1977 12 9	...	...	...	...	...
1977 12 10	...	...	...	...	...
1977 12 11	...	...	...	...	...
1977 12 12	...	...	...	...	...
1977 12 13	...	...	...	...	...
1977 12 14	...	...	...	...	...
1977 12 15	...	...	...	...	...
1977 12 16	...	...	...	...	...
1977 12 17	...	...	...	...	...
1977 12 18	...	...	...	...	...
1977 12 19	...	...	...	...	...
1977 12 20	...	...	...	...	...
1977 12 21	...	...	...	...	...
1977 12 22	...	...	...	...	...
1977 12 23	...	...	...	...	...
1977 12 24	...	...	...	...	...
1977 12 25	...	...	...	...	...
1977 12 26	...	...	...	...	...
1977 12 27	...	...	...	...	...
1977 12 28	...	...	...	...	...
1977 12 29	...	...	...	...	...
1977 12 30	...	...	...	...	...
1977 12 31	...	...	...	...	...

[illegible]

WELL COMPLETION LOG

Fbmm 22-5 (Rev. 2-62)

Page 2

San Juan 30-6 Unit No. 38 (OWWO)

(Show details of tubular goods, bottom hole accessories, DST's, Cores, Deviations, and General Chronological History).

This well was originally drilled by Southern Union Gas Company and El Paso Natural Gas Company does not have the reports in file of the original drilling work.

WORKOVER

12-6-62 S. S. Reames moved on location.
12-7-62 Pulled tubing a part @ 1695'. Fishing.
12-9-62 Recovered fish. Cleaning out open hole.
12-14-62 Ran 196 joints 2 7/8" 6.4# J-55 casing (6123') set at 6133'.
Cemented w/200 sacks 50-50 Pozmix & El Toro"35", 1/4 cu. ft.
Strata-Crete"6"/sk., 1/4# Flocele/sk.
12-18-62 Perf 6085-91;5996-6002;5642-48;5620-26;5600-06;6066-72 (2 SPF);
Frac w/60,220 gallons water, 42,000# sand. Flush w/1500 gallons water.
IR 14.6 BPM Max pr 4500#, BDP 1500#, tr pr 3000-4500#. 2 drops of 10
balls.
12-21-62 Shut in for test.
12-31-62 Date formation was tested.