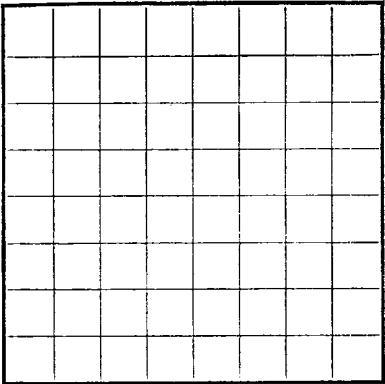
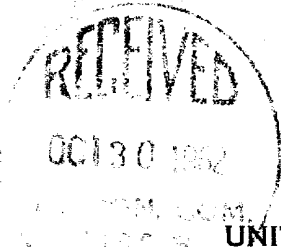




LOCATE WELL CORRECTLY



Form approved.
Budget Bureau No. 42-R355.4.
Santa Fe
U. S. LAND OFFICE **078386**
SERIAL NUMBER _____
LEASE OR PERMIT TO PROSPECT _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company El Paso Natural Gas Company Address Box 990, Farmington, New Mexico
Lessor or Tract San Juan 32-9 Field Blanco M. V. State New Mexico
Well No. 6(CWVO) Sec. 15 T. 31N R. 9W Meridian N.M.P.M. County San Juan
Location 990 ft. XX of N Line and 1650 ft. XX of E Line of Section 15 Elevation 6580
(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 October 25, 1962 Title Petroleum Engineer

The summary on this page is for the condition of the well at above date.
Commenced drilling 7-6-, 1953 Finished drilling 8-4-, 1953

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

No. 1, from 3414 to 5270 (G) No. 4, from 5674 to 5764 (G)
No. 2, from 5270 to 5317 (G) No. 5, from _____ to _____
No. 3, from 5317 to 5674 (G) 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"	25.4	8 rd	H-40	160	HOWCO				Surface
7"	23 & 20	8 rd	J-55	4200 5219	Baker				Intermediate
4 1/2"	10.5	8 rd	J-55	5783	Baker				Prod casing
2 3/8"	4.7	8 rd	J-55	5765					Prod tubing

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9 5/8"	172	125	circulated		
7"	5226	500	single		
4 1/2"	5893	125	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 details on attached sheet						

TOOLS USED

Rotary tools were used from 0 feet to 5801 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

9-4-, 1962 Put to producing _____, 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 2,140,000 Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. 917 csg. A.O.F. 3547 MCF/D

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	895	895	Tan crs-grn ss w/thin sh breaks.
895	1770	875	Variegated shales w/thin ss breaks.
1770	2455	685	Tan-gr crs-grn ss interbedded w/gr sh.
2455	2566	111	Ojo Alamo ss. Wh crs-grn sd. T
2566	2977	411	Kirtland form. Gr sh interbedded w/tight gr fine-grn ss.
2977	3414	437	Fruitland form. Gr carb sh, scattered coals & gr, tight fine-grn ss.
3414	3474	60	Pictured Cliffs form. Gr, fine grn, tight, varicolored soft ss.
3474	5270	1796	Lewis form. Gr-wh dense sh w/silty-shly ss breaks
5270	5377	107	Cliff House ss. Gr, fine-grn, dense sil ss.
5377	5674	297	Menefee form. Gr, fine-grn sand, carb sh & coal.
5674	5764	90	Point Lookout form. Gry, very fine sil ss w/ frequent sh breaks.
5764	5801	37	Mancos form. Gr carb sh.

UNITED STATES
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GEOLOGICAL SURVEY

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED

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.

HISTORY OF OIL OR GAS WELL

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

[illegible]

San Juan 32-9 No. 6 (OWO)

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

- 8-12-62 S. S. Reames Well Service moved on location. Set B & R choke @ 5480'.
- 8-13-62 Unable to retrieve choke set @ 5480'. Recovered pieces of wire line previously left in hole. Cut off tubing @ 5182'.
- 8-14-62 Jarring on fish. Top of fish @ 5182'.
- 8-15-62 Recovered fish. Cleaning out shot hole.
- 8-17-62 Ran 186 joints 4 1/2" 10.5#, J-55 (5783') set @ 5893'. Cemented w/125 sacks regular, 4% gel, 1/4# fine tuffplug, 1/4# flocele.
- 8-18-62 Perf 4 squeeze holes 5423-25; Set retainer @ 5200'. Cemented w/150 sacks regular, 4% gel.
- 8-19-62 B & R temperature survey. top of cement at 5313'. Ran GR-correlation log. Found leak from squeeze holes @ 5423-25 outside of 4 1/2" casing to surface.
- 8-20-62 Set HOWCO cement retainer @ 5170'. Unable to pressure up on backside. Pumped down tubing @ 2500#. Dropped bridging bar down tubing. Did not seal off. Set Model R-3 packer @ 60'. Pressure to 1000#. Unable to pump into leak @ any rate. Perf 4 holes @ 3455'. Set HOWCO cement retainer @ 3285'. Displaced fluid in 4 1/2" casing w/10.2 mud. Stung into packer & displaced fluid in 7" & 4 1/2" annulus w/10.2 mud.
- 8-21-62 Made cut @ 1385'. pulling 4 1/2" casing. Found hole in casing @ 1116'. Set Bowen casing bowl @ 1386'. Stung into D.M. Tool @ 3285'. Cement w/540 sacks regular.
- 8-22-62 Ran B & R temperature survey. Top of cement 3397'. Drilled up retainer & cement.
- 8-23-62 Perf 5324-38; 5344-48; 5364-68; 5676-82; 5702-08; 5725-31; 5754-60; Frac w/79,958 gallons water, 80,000# sand. Flush w/3864 gallons water. I.R. 34.7 BPM. Max pr 3500#, BDP 1200#, tr pr 2900-3500#, 1 drop of 32 balls, & 3 drops of 12 balls.
- 8-24-62 Blowing well.
- 8-26-62 Blowing well.
- 8-27-62 Ran 196 joints 2 3/8" tubing (5755') landed @ 5765'. Shut in for test.
- 9-4-62 Test day.