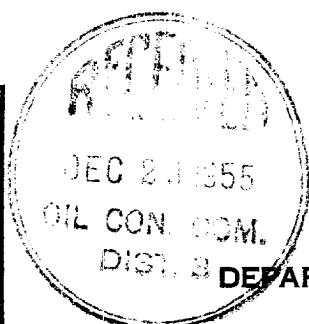


A blank grid paper with a 10x10 grid pattern.

LOCATE WELL CORRECTLY



U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 080113
LEASE OR PERMIT TO PROSPECT _____
14-08-001-569

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company El Paso Natural Gas Company Address Box 997, Farmington, New Mexico
Lessor or Tract San Juan 32-9 Unit Field Blanco State New Mexico
Well No. 35 Sec 10 T. 31N R. 9W Meridian NMPM County San Juan
Location 1560 ft. Box of N Line and 1600 ft. Box of E Line of Section 10 Elevation 6536 ft.
(Check box relative to local)

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.

Date October 27, 1955 Title Petroleum Engineer

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

Commenced drilling ----- **August 15**, 19 **55** Finished drilling ----- **September 5**, 19 **55**

OIL OR GAS SANDS OR ZONES

No. 1, from 3234 to 3286 (G) No. 4, from 5650 to 5810 (G)
No. 2, from 3220 to 5353 (G) No. 5, from to
No. 3, from 5353 to 5650 (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#	P.E.	S.W.	162'	Howco				Surface
7 1/2"	20#	8 RD	J-55	1038'					
7 1/2"	20#	8 RD	J-55	4105'	Baker				Production
5 1/2"	15.50#	8 RD	J-55	840'					Liner
HISTORY OF LOG ON C-72 WELL									
2"	4.7	8 RD	J-55	5795'					Prod. Log

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9 5/8"	174'	125	Circulated		
7"	5195'	500	Single Stage		
5 1/2"	4997-5837	62	Single Stage		

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 Well History.				

TOOLS USED

Rotary tools were used from 0 feet to 5195 feet, and from 5195 feet to 5837 feet.
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet.

DATES

9-19-55, 19 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 8,411,000 Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. ----- 996 -----

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	600	600	Tan cr-grn ss w/thin sh breaks.
600	725	125	Variegated sh w/thin ss breaks.
725	2525	1800	Tan to gry cr-grn ss interbedded w/gry sh.
	Undeveloped	0	
2525	2955	430	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
2955	3234	279	Fruitland form. Gry carb sh, scattered coals coals and gry, tight, fine-grn ss.
3234	3286	52	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.
3286	5220	1934	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.
5220	5353	133	Cliff House ss. Gry, fine-grn, dense sil ss.
5353	5650	297	Menefee form. Gry, fine-grn s, carb sh & coal.
5650	5810	160	Point Lookout form. Gry, very fine sil ss w/frequent sh breaks.
5810	5837 T.D.	27	Mancos formation. Gry carb sh.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOCATE WELL CORRECTLY

A 10x10 grid with a small handwritten mark in the 4th row, 4th column.

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

October 27, 1957

Titus

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

with the reasons for the work and its results. If there are 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 things or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

9-12-55 Bottom Point Lookout pert. 5745-5760 & 5775-5815, water fractured with 12,000 gallons water and 14,000 psi, maximum pressure 3750 psi. Treating pressure 1300 psi. Injection rate 27 bbls./min. No flush. Net. gauge 181M.

9-14-55 Top Point Lookout pert. 5630-5716, water fractured with 88,000 gallons water and 24,000# sand. Maximum pressure 350 psi, treating pressure 250 psi. Injection rate 39 bbls./min. Flush 9235 gallons. Natural gas 768 MCF/D.

9-15-55 Newater pert. 5430-5530 water fractured with 26,430 gallons water and 30,000# sand. BHP 950 psi, maximum pressure 3000 psi, treating pressure 750 psi, Injection rate 30 bbls./min. Flush 7600 gal. Natural gas 800 MCF.

9-15-55 Cliff House pert. 5290-5380 water fractured with 20,086 gallons water and 30,000# sand. BHP none, maximum pressure 1000 psi, Average treating pressure 150 psi, Injection rate 33 bbls./min. Flush 9920 gallons. Natural gas 768 MCF.

Command drilling

HISTORY OF OIL OR GAS WELL

MUDLOGGING AND CEMENTING RECORD			
Time	Drill bit	Drill pipe	Drill collar
10:00	100'	100'	100'
10:15	100'	100'	100'
10:30	100'	100'	100'
10:45	100'	100'	100'
11:00	100'	100'	100'
11:15	100'	100'	100'
11:30	100'	100'	100'
11:45	100'	100'	100'
12:00	100'	100'	100'
12:15	100'	100'	100'
12:30	100'	100'	100'
12:45	100'	100'	100'
13:00	100'	100'	100'
13:15	100'	100'	100'
13:30	100'	100'	100'
13:45	100'	100'	100'
14:00	100'	100'	100'
14:15	100'	100'	100'
14:30	100'	100'	100'
14:45	100'	100'	100'
15:00	100'	100'	100'
15:15	100'	100'	100'
15:30	100'	100'	100'
15:45	100'	100'	100'
16:00	100'	100'	100'
16:15	100'	100'	100'
16:30	100'	100'	100'
16:45	100'	100'	100'
17:00	100'	100'	100'
17:15	100'	100'	100'
17:30	100'	100'	100'
17:45	100'	100'	100'
18:00	100'	100'	100'
18:15	100'	100'	100'
18:30	100'	100'	100'
18:45	100'	100'	100'
19:00	100'	100'	100'
19:15	100'	100'	100'
19:30	100'	100'	100'
19:45	100'	100'	100'
20:00	100'	100'	100'
20:15	100'	100'	100'
20:30	100'	100'	100'
20:45	100'	100'	100'
21:00	100'	100'	100'
21:15	100'	100'	100'
21:30	100'	100'	100'
21:45	100'	100'	100'
22:00	100'	100'	100'
22:15	100'	100'	100'
22:30	100'	100'	100'
22:45	100'	100'	100'
23:00	100'	100'	100'
23:15	100'	100'	100'
23:30	100'	100'	100'
23:45	100'	100'	100'
24:00	100'	100'	100'