

U. S. LAND OFFICE **Santa Fe**
SERIAL NUMBER **080377**
LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

U. S. GEOLOGICAL SURVEY
FARMINGTON, NEW MEXICO

LOG OF OIL OR GAS WELL

Company El Paso Natural Gas Company Address Box 990, Farmington, New Mexico
Lessor or Tract San Juan 29-6 Unit Field Wildcat Dakota State New Mexico
Well No. 35(MB) Sec. 15 T. 29-N R. 6-W Meridian N.M.P.M. County Rio Arriba
Location 890 ft. N. of S Line and 1090 ft. E. of W Line of Section 15 Elevation 6450
(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. Original Signed By: D. H. Oheim
Signed _____
Date August 24, 1960 Title Petroleum Engineer

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

Commenced drilling		Finished drilling	
No. 1, from 5130 to 5135		No. 1, from 5130 to 5135	
No. 2, from 5135 to 5140		No. 2, from 5135 to 5140	
No. 3, from 5140 to 5145		No. 3, from 5140 to 5145	
No. 4, from 5145 to 5150		No. 4, from 5145 to 5150	
No. 5, from 5150 to 5155		No. 5, from 5150 to 5155	
No. 6, from 5155 to 5160		No. 6, from 5155 to 5160	
No. 7, from 5160 to 5165		No. 7, from 5160 to 5165	
No. 8, from 5165 to 5170		No. 8, from 5165 to 5170	
No. 9, from 5170 to 5175		No. 9, from 5170 to 5175	
No. 10, from 5175 to 5180		No. 10, from 5175 to 5180	
No. 11, from 5180 to 5185		No. 11, from 5180 to 5185	
No. 12, from 5185 to 5190		No. 12, from 5185 to 5190	
No. 13, from 5190 to 5195		No. 13, from 5190 to 5195	
No. 14, from 5195 to 5200		No. 14, from 5195 to 5200	
No. 15, from 5200 to 5205		No. 15, from 5200 to 5205	
No. 16, from 5205 to 5210		No. 16, from 5205 to 5210	
No. 17, from 5210 to 5215		No. 17, from 5210 to 5215	
No. 18, from 5215 to 5220		No. 18, from 5215 to 5220	
No. 19, from 5220 to 5225		No. 19, from 5220 to 5225	
No. 20, from 5225 to 5230		No. 20, from 5225 to 5230	
No. 21, from 5230 to 5235		No. 21, from 5230 to 5235	
No. 22, from 5235 to 5240		No. 22, from 5235 to 5240	
No. 23, from 5240 to 5245		No. 23, from 5240 to 5245	
No. 24, from 5245 to 5250		No. 24, from 5245 to 5250	
No. 25, from 5250 to 5255		No. 25, from 5250 to 5255	
No. 26, from 5255 to 5260		No. 26, from 5255 to 5260	
No. 27, from 5260 to 5265		No. 27, from 5260 to 5265	
No. 28, from 5265 to 5270		No. 28, from 5265 to 5270	
No. 29, from 5270 to 5275		No. 29, from 5270 to 5275	
No. 30, from 5275 to 5280		No. 30, from 5275 to 5280	
No. 31, from 5280 to 5285		No. 31, from 5280 to 5285	
No. 32, from 5285 to 5290		No. 32, from 5285 to 5290	
No. 33, from 5290 to 5295		No. 33, from 5290 to 5295	
No. 34, from 5295 to 5300		No. 34, from 5295 to 5300	
No. 35, from 5300 to 5305		No. 35, from 5300 to 5305	
No. 36, from 5305 to 5310		No. 36, from 5305 to 5310	
No. 37, from 5310 to 5315		No. 37, from 5310 to 5315	
No. 38, from 5315 to 5320		No. 38, from 5315 to 5320	
No. 39, from 5320 to 5325		No. 39, from 5320 to 5325	
No. 40, from 5325 to 5330		No. 40, from 5325 to 5330	
No. 41, from 5330 to 5335		No. 41, from 5330 to 5335	
No. 42, from 5335 to 5340		No. 42, from 5335 to 5340	
No. 43, from 5340 to 5345		No. 43, from 5340 to 5345	
No. 44, from 5345 to 5350		No. 44, from 5345 to 5350	
No. 45, from 5350 to 5355		No. 45, from 5350 to 5355	
No. 46, from 5355 to 5360		No. 46, from 5355 to 5360	
No. 47, from 5360 to 5365		No. 47, from 5360 to 5365	
No. 48, from 5365 to 5370		No. 48, from 5365 to 5370	
No. 49, from 5370 to 5375		No. 49, from 5370 to 5375	
No. 50, from 5375 to 5380		No. 50, from 5375 to 5380	
No. 51, from 5380 to 5385		No. 51, from 5380 to 5385	
No. 52, from 5385 to 5390		No. 52, from 5385 to 5390	
No. 53, from 5390 to 5395		No. 53, from 5390 to 5395	
No. 54, from 5395 to 5400		No. 54, from 5395 to 5400	
No. 55, from 5400 to 5405		No. 55, from 5400 to 5405	
No. 56, from 5405 to 5410		No. 56, from 5405 to 5410	
No. 57, from 5410 to 5415		No. 57, from 5410 to 5415	
No. 58, from 5415 to 5420		No. 58, from 5415 to 5420	
No. 59, from 5420 to 5425		No. 59, from 5420 to 5425	
No. 60, from 5425 to 5430		No. 60, from 5425 to 5430	
No. 61, from 5430 to 5435		No. 61, from 5430 to 5435	
No. 62, from 5435 to 5440		No. 62, from 5435 to 5440	
No. 63, from 5440 to 5445		No. 63, from 5440 to 5445	
No. 64, from 5445 to 5450		No. 64, from 5445 to 5450	
No. 65, from 5450 to 5455		No. 65, from 5450 to 5455	
No. 66, from 5455 to 5460		No. 66, from 5455 to 5460	
No. 67, from 5460 to 5465		No. 67, from	

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
13 3/4"	18	8 M.	J-55	233	236	236	236	236	236
9 5/8"	15	8 M.	J-55	237	237	237	237	237	237
7"	15	8 M.	J-55	237	237	237	237	237	237
5"	15	8 M.	J-55	237	237	237	237	237	237
2"	4.7	8 M.	J-55	1113	1113	1113	1113	1113	1113
2"	4.7	8 M.	J-55	5605	5605	5605	5605	5605	5605

MUDDING AND CEMENTING RECORD

	Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
MARK	13 3/8"	303	370	circulated		
	9 5/8"	3580	190	single stage		
	7"	7521	1015	single stage		
	5"	7456-7853	110	single stage		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____
Adapters—Material _____ Size **Baker Model "D" packer @ 7150'**

SHOOTING RECORD

[illegible]

TOOLS USED

Rotary tools were used from 0 feet to 3582 feet, and from 3582 ~~Gas Drilled~~ 7525 feet
Cable tools were used from _____ feet to _____ feet, and from 7525 ~~Had circulation~~ 7862

DATES

10-7-----, 1960----- 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 M-4,608,000
 D-3,217,000 Gallons gasoline per 1,000 cu. ft. of gas -----
 Rock pressure, lbs. per sq. in. M-1091
 N-12

EMPLOYEES

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

FORMATION RECORD

FROM--	TO--	TOTAL FEET	FORMATION
0	2403	2403	Tan to gry cr-grn ss interbedded w/gry sh.
2403	2635	232	Ojo Alamo ss. White cr-grn s.
2635	3079	444	Kirtland form Gry sh interbedded w/tight gry fine-grn ss.
3079	3316	237	Fruitland form Gry carb sh, settered coals, coals and gry, tight, fine-grn ss.
3316	3433	117	Pictured Cliffs form Gry, fine-grn, tight, varicolored soft ss.
3433	5130	1697	Lewis form Gry, fine-grn, dense sil ss.
5130	5218	88	Cliff House ss. Gry, fine-grn, dense sil ss.
5218	5524	306	Menefee form. Gry, fine-grn s, carb sh & coal.
5524	5670	146	Point Lookout form. Gry, very fine sil ss w/ frequent sh breaks.
5670	6580	910	Manitou form. Gry carb sh.
6580	7192	612	Gallup form. Lt gry to brn calc carb micac glauco very fine gry ss w/irreg.inter sh.
7192	7494	302	Santonian form. Dk gry calc very fine to fine gry ss w/calc veins w/irreg inter drk gry s.
7494	7550	56	Greenhorn form Highly calc gry sh w/thin lnt.
7550	7685	135	Graneros form. Dk gry sh, fossil & carb w/ prite incl.
7685	7862	177	Dakota form. Lt to dk gry foss carb sl calc sl silty ss w/prite incl thin sh bands clay & shale breaks.

LOG OF OIL OR GAS WELL

[illegible]

9-30-60 1105/1134-901. Water Trac Dakota w/87,486 gal
water, 75,000 #. Net none. Tr in 3000-3500-3500 #. Used
1 # calcium chloride in all Trac water. Dropped 1000
gal 15 #. Net none. Dropped 2 sets of 20 balls
for 3 stages.
1105-101/528-901. Water Trac Point Lookout w/52,390
gal water, 60,000 #. Net none. Tr in 1100-1500-
1500 #. Dropped 3 sets of 20 balls for 3 stages.
10-2-60 1105/528-901. Water Trac Cliff House part w/36,000
gal water, 40,000 #. Net none. Tr in 1700-2200 #.
Dropped 1 set of 20 balls for 2 stages.
1105-101/528-901. Water Trac Point Lookout w/52,390
gal water, 75,000 #. Net none. Tr in 3000-3500-3500 #. Used
1 # calcium chloride in all Trac water. Dropped 1000
gal 15 #. Net none. Dropped 2 sets of 20 balls
for 3 stages.
1105-101/528-901. Water Trac Point Lookout w/52,390
gal water, 60,000 #. Net none. Tr in 1100-1500-
1500 #. Dropped 3 sets of 20 balls for 3 stages.
10-2-60 1105/528-901. Water Trac Cliff House part w/36,000
gal water, 40,000 #. Net none. Tr in 1700-2200 #.
Dropped 1 set of 20 balls for 2 stages.
1105-101/528-901. Water Trac Point Lookout w/52,390
gal water, 75,000 #. Net none. Tr in 3000-3500-3500 #. Used
1 # calcium chloride in all Trac water. Dropped 1000
gal 15 #. Net none. Dropped 2 sets of 20 balls
for 3 stages.

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, location, the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any redrilling was conducted, 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 things were put in to test for water, state kind of material used, position, and results of pumping or falling.

[illegible]