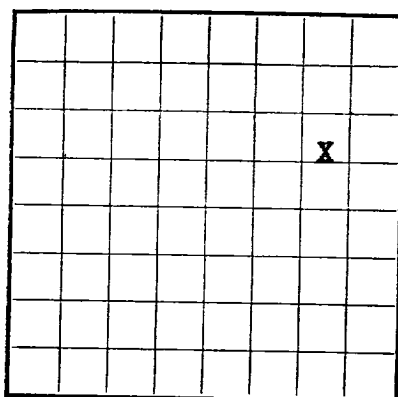
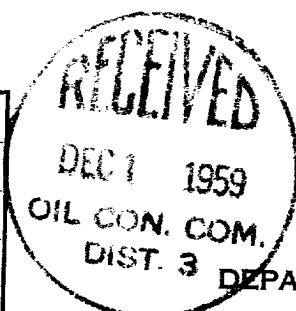




LOCATE WELL CORRECTLY

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 079002
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 997, Farmington, New Mexico
Lessor or Tract San Juan 20-6 Unit Field Blanco State New Mexico
Well No. 32 Sec. 7 T. 39N R. 6W Meridian N.M.P.M. County Rio Arriba
Location 1650 of N Line and 1150 ft. of E Line of Section 7 Elevation 6308
(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. McNALLYDate November 24, 1959Title Petroleum Engineer

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

Commenced drilling 9-16, 1959 Finished drilling 10-8, 1959

OIL OR GAS SANDS OR ZONES
No. 1, from 3200 to 3320 (G) No. 4, from 5482 to 5622 (G)
No. 2, from 3118 to 3205 (G) No. 5, from 5148 to 5205 (G)
No. 3, from 3205 to 3320 (G) No. 6, from 5205 to 5482 (G)

IMPORTANT WATER SANDS
No. 1, from 1150 to 1150 No. 3, from 1150 to 1150
No. 2, from 1150 to 1150 No. 4, from 1150 to 1150

CASING RECORD
No. 1, from 1150 to 1150 No. 3, from 1150 to 1150
No. 2, from 1150 to 1150 No. 4, from 1150 to 1150

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
10 3/4	32.7	8 Rd.	J-55	161	Blower				Surface
7 5/8	15.5	8 Rd.	J-55	238	Blower				Intermediate
5 1/2	15.5	8 Rd.	J-55	238	Blower				Prod. Liner
2 3/8	4.7	8 Rd.	J-55	5046	Blower				Prod. Tbg.

MUDGING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10 3/4	174'	113	Circulated		
7 5/8	3442	150	Single Stage		
5 1/2	3392-5720	490	Single Stage & Sq.		

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

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from Gas Drilled feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from 3443 feet to 5725 feet

DATES

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 4,279,000 Gallons gasoline per 1,000 cu. ft. of gas _____Rock pressure, lbs. per sq. in. 1058 A.O.F. - 9628 MCF/D

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	2205	2205	Tan to gry cr-grn ss interbedded w/gry sh.
2205	2371	166	Ojo Alamo ss. White cr-grn s.
2371	2932	561	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
2932	3260	328	Fruitland form. Gry carb sh, scattered coals, coals and gry, tight, fine-grn ss.
3260	3320	60	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.
3320	5148	1828	Lewis formation. Gry to white dense sh w/silt; to shaly ss breaks.
5148	5205	57	Cliff House ss. Gry, fine-grn, dense sil ss.
5205	5482	277	Manefee form. Gry, fine-grn s, carb sh & coal.
5482	5622	140	Point Lookout form. Gry, very fine sil ss w/frequent sh breaks.
5622	5725	103	Mancos formation. Gry car b sh.

U. S. LAND OFFICE
SERIAL NUMBER
DATE OF PERMIT TO PROSPECT
RECEIVED
THE INTERIOR
SURVEY
U. S. GEOLOGICAL SURVEY
FARMINGTON, NEW MEXICO
NOV 10 1959

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

[illegible]

RECEIVED
DEC 1 1950
OIL CON. COM.
DIST. 3 DEPA

DATE: _____ NO. _____ OF _____
 THIS _____
 SIGNATURE _____
 The information given here with is a complete and correct record of the well and all work done thereon.
 It can be determined from all available records.
 ORIGINAL TO BE FILED IMMEDIATELY
 LOCATION _____
 SECTION _____ TOWNSHIP _____ RANGE _____
 COUNTY _____ STATE _____
 LESSOR OR TRUST _____
 COMPANY _____
 ADDRESS _____
 FIELD _____ STATE _____

The summary on this page is for the condition of the well as above stated.

Set retrievable packer at 2500' decompressed top of liner with 100 sacks near
Max. pr. 3000#, final pr. 2000#
L.D. 5725', C.O.L.D. 5671'.
Traced Point Lookout pert. int. 5484-94; 5498-5502; 5507-56; 5532-40;
5556-66; 5610-20 (4 1/2 ft.) w/68-202 gallons water and 60,000# sand.
BHP 2800#, max. pr. 3300# avg. tr. pr. 1200-1225-1400-2000-2900-2200#.
I.N. 43 BHM. Flush 10,000 gallons water. Dropped 4 sets of 15 balls
each. Set temporary bridge plug at 5400'.
Traced Menefee pert. int. 5156-66; 5174-82; 5262-72; 5284-92; 5316-34
(2 1/2 ft.) w/68,202 gallons water and 60,000# sand. BHP 2000#, max. pr.
2000#, avg. tr. pr. 1100-1200-1400-1600#. I.R. 58 BHM.
Flush 8652 gallons water. Dropped 5 sets of 15 balls each.

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, reasons 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 "picked up" 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

[illegible]

FORMATION RECORD—Continued