

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 079341
LEASE OR PERMIT TO PROSPECT _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company El Paso Natural Gas Company Address Box 997, Farmington, New Mexico
Lessor or Tract San Juan 32-9 Unit Field Blanco M.V. & Wildcat Bakota State New Mexico
Well No. 70(MD) Sec. 21 T. 32N R. 9W Meridian N.M.P.M. County San Juan
Location 1563 ft. (N) of N Line and 840 ft. (E) of 2 Line of Section 21 Elevation 6999
(Derrick floor relative to base of hole)

The information given herewith is a complete and correct record of the well and all work done thereon to far as can be determined from all available records.

Signed _____ Original Signed By: D. H. Whorff

Date October 23, 1959 Title Petroleum Engineer

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

Commenced drilling -----~~6-21~~-----, 19~~59~~----- Finished drilling -----~~7-18~~-----, 19~~59~~-----

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from _____ to _____ No. 4, from _____ to _____
 No. 2, from _____ to _____ No. 5, from _____ to _____
 No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____

No. 2, from _____ to _____

No. 3, 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—	
13 3/8	4.8	6 Rd.	E-40	920	Bowen	100% new	100%	100%	For primary
9 7/8	5.5	6 Rd.	J-75	100	Super	100% new	100%	100%	Intermediate

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13 3/8	321	210	Circulated		
9 5/8	3957	1190	Two Stages		

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

DATES

P & A 7-18-59	Put to producing
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	Gallons gasoline per 1,000 cu. ft. of gas
Rock pressure, lbs. per sq. in.	

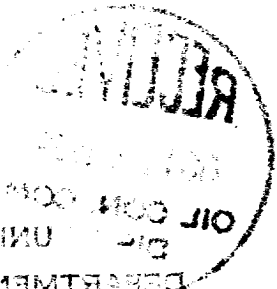
EMPLOYEES

_____, Driller

_____, Driller

FORMATION RECORD

FROM-	TO-	TOTAL FEET	FORMATION
7-18-59 Total Depth 3957'. Plugged and abandoned in the following manner:			
1. Set plug at 2828-3013			w/50 sks. 50/50 Pozmix, 6% Gel, 2% Calcium Chloride.
2. Cut off casing at 819'			and retrieved 27 joints.
3. Set plugs (each 50/50 Pozmix, 6% Gel, 2% Calcium Chloride) @			
750' - 819'			
Surface - 60'			
Undev.	3055	3055	Ojo Alamo ss. White cr-grn s.
3055	3358	303	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
3358	3750	392	Fruitland form. Gry carb sh, scattered coals, coals and gry, tight, fine-grn ss.
3750	3890	140	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.
3890	3957	67	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.



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[illegible]

Company Name _____
Address _____
Person or Firm _____
State _____
City _____
County _____
Zip _____
Telephone _____
Fax _____
E-mail _____
Web Site _____
Business Hours _____
Special Instructions _____

... ..
... ..
... ..
... ..

ONE OR TWO BANDS OR ZONES

(b) (5) DPP, (b) (5) ACP

.....	69		mon ³ 5.07%		69		mon ³ 5.07%
.....	68		mon ³ 5.07%		68		mon ³ 5.07%
.....	67		mon ³ 5.07%		67		mon ³ 5.07%

SECRET STATE TRANSMISSION

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

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