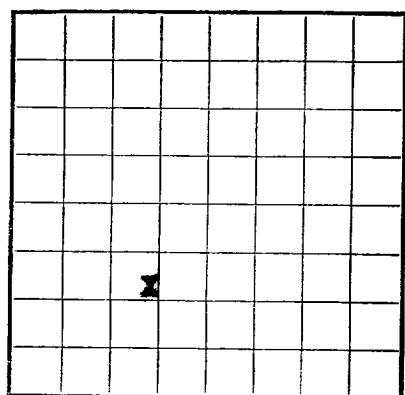
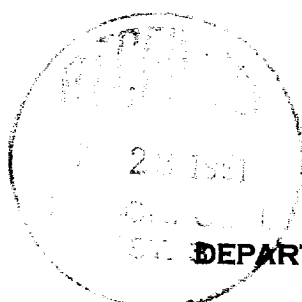




LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYU. S. LAND OFFICE **Jicarilla Tribal**
SERIAL NUMBER **Cont. No. 109 P.C.**
LEASE OR PERMIT TO PROSPECT _____

LOG OF OIL OR GAS WELL

Company **El Paso Natural Gas Company** Address **Box 990, Farmington, New Mexico**
Lessor or Tract **Jicarilla 7"** Field **So. Blanco P. C.** State **New Mexico**
Well No. **12** Sec. **16** T. **25-N** R. **5-W** Meridian **N.M.P.M.** County **Rio Arriba**
Location **1545** ft. [N.] of **8** Line and **1775** ft. [E.] of **W** Line of **Section 16** Elevation **6569**
(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 **D. W. Meehan**
Signed _____

Date **July 21, 1961** Title **Petroleum Engineer**

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

Commenced drilling **5-4**, 19 **61** Finished drilling **5-30**, 19 **61**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **3034** to **3105 (a)** 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. 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—	
8 5/8"	26	8	3105	1775	1775	1775			1775 casing
2 7/8"	10.2	8	1775	1775	1775	1775			1775 casing
HISTORY OF OIL OR GAS WELL									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8"	90	300	circulated		
2 7/8"	3147	90	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
3038-3044	Frac Pictured Cliffs w/25,000 gal water (7 1/2 3-2/1000 gal) and 25,000# sand.					
3048-3054	20# 3100#, max p 2200#, avg to p 2000-2200#. I.R. 17.7 BPM. Finish 924 gal.					
3074-3084						

TOOLS USED

Rotary tools were used from **0** feet to **3190** feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

S. I. 6-19-61, 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 **1,274,000** Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. **1085**

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	2459	2459	Thin to gry cr-grn ss interbedded w/gry sh.
2459	2695	236	Ojo Alamo ss. White cr-grn s.
2695	2897	202	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
2897	3034	137	Fruitland form. Gry carb sh, scattered coals, coals and gry, tight, fine-grn ss.
3034	3105	71	Pictured Cliffs form Gry, fine-grn, tight, varicolored soft ss.
3105	3150	45	Louis form. Gry, fine-grn, dense sil ss.
1775	10	10	10

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PLEASE OR PERMIT TO PROCEED

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATED WELL CORRECTLY

[illegible]

Company _____
 Address _____
 Telephone _____
 State _____
 County _____
 City _____
 Zip _____
 Name _____
 Title _____
 Position _____
 Date _____

150.8 from _____ to _____
 150.8 from _____ to _____
 150.8 from _____ to _____
 150.8 from _____ to _____

IMPORTANT AFTER STUDY

.....	01		01
.....	01		01

CARING PEOPLE

HISTORY OF OIL OR GAS WELL									
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.									
County	Section	Township	Range	State	Amount of land taken	Kind of lease	Ownership and interest	Drilling date	Production

U. S. GOVERNMENT PRINTING OFFICE 10-43094-2

BUDDING AND CEMENTING RECORD

Case No.	Case Name	Case Type	Case Status	Case Date	Case Time
1	Case 1	Case 1	Case 1	Case 1	Case 1
2	Case 2	Case 2	Case 2	Case 2	Case 2
3	Case 3	Case 3	Case 3	Case 3	Case 3
4	Case 4	Case 4	Case 4	Case 4	Case 4
5	Case 5	Case 5	Case 5	Case 5	Case 5
6	Case 6	Case 6	Case 6	Case 6	Case 6
7	Case 7	Case 7	Case 7	Case 7	Case 7
8	Case 8	Case 8	Case 8	Case 8	Case 8
9	Case 9	Case 9	Case 9	Case 9	Case 9
10	Case 10	Case 10	Case 10	Case 10	Case 10

ENTRADA CMA BOLIV

Adaptation—of	to	life
Adaptation—of	to	life

LAUREN DMITRIYEV

Site	Field notes	Photographs	Sketches	Notes	Specimens	Other
1	...	...	...	...	...	...
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SECRET

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