Form 9-330

Budget Bureau No. 42-R355.4.
Approval expires 12-31-60.

RECEIVED
NOV 7 1960
OIL CON. COM.
DIST. 3

U. S. Land Office Jicarilla-Apache
Serial Number Cont. No. 84
Lease or Permit to Prospect

RECEIVED
NOV 4 1960
U. S. GEOLOGICAL SURVEY
FARMINGTON, NEW MEXICO

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company El Paso Natural Gas Company Address Box 990, Farmington, New Mexico

Lessor or Tract Jicarilla Field Wildcat Dakota State New Mexico

Well No. 84-2 Sec. 21 T. 28-N R. 3-W Meridian N.M.P.M. County Rio Arriba

Location 1560 ft. N. of S Line and 1750 ft. E. of W Line of Sec. 21 Elevation 7004 (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 By: D.H. Oheim

Date October 31, 1960 Title Petroleum Engineer

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

Commenced drilling 8-4-, 1960 Finished drilling 9-4-, 1960

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. 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 From—	Perforated To—	Purpose
10 3/4"	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				Surface

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10 3/4"	291	318	circulated		

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 Back				

TOOLS USED

Rotary tools were used from 0 feet to 8413 feet, and from ______ feet to ______ feet

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

DATES

9-13-, 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 P & A Gallons gasoline per 1,000 cu. ft. of gas ______

Rock pressure, lbs. per sq. in. ______

EMPLOYEES

______, Driller ______, Driller

______, Driller ______, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	3278	3278	Tan to gry cr-grn ss interbedded w/gry sh.'
3278	3442	164	Ojo Alamo ss. White cr-grn s.
3442	3556	114	Kirtland form Gry sh interbedded w/tight gry fine-grn ss.
3556	3668	112	Fruitland form Gry carb sh,scattered coals, coals and gry,tight,fine-grn ss.
3668	3930	262	Pictured Cliffs form Gry,fine-grn,tight, varicolored soft ss.
3930	5655	1725	Lewis form. Gry,fine-grn,dense sil ss.
5655	5704	49	Cliff House ss. Gry, fine-grn,dense sil ss.
5704	5971	267	Menefee form. Gry,fine-grn s,carb sh & coal.
5971	6125	154	Point Lookout form. Gry,very fine sil ss w/frequent sh breaks.
6125	7040	915	Mancos form. Gry carb sh.
7040	7658	618	Gallup form.Lt gry to brn calc carb micac glauco very fine gry ss w/irreg.interbed sh.
7658	7947	289	Sanostee form.Drk gry calc very fine to fine gry ss w/calc veins w/irreg inter drk gry s.
7947	8009	62	Greenhorn form Highly calc gry sh w/thin lmst.
8009	8157	148	Graneros form.Dk gry shale,fossil & carb w/prite incl.
8157	8382	225	Dakota form.Lt to dk gry foss carb sl calc sl silty ss w/prite incl thin sh bands clay & shale breaks.
8382	8413	31	Morrison form.Interbed grn brn & red waxy sh & fr to cr grn sand.

[OVER] 16—43094-4

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION

16—43094-2 U. S. GOVERNMENT PRINTING OFFICE

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.

DST No. 1: 8172-8255 Op 1 1/2hrs. [illegible] 780' hly. G-C-M, 2000' M & G - cut water.

On 9-13-60
This well was Plugged and Abandoned in the following manner:
1. Cement plug from [illegible]-8069 w/28 sks. reg. cement.
2. Cement plug from 71[illegible]-7000 w/28 sks. reg. cement.
3. Cement plug from 5690-5590 w/28 sks. reg. cement.
4. Cement plug from 3850-3700 w/28 sks. reg. cement.
5. Cement plug from 100-Surf. w/ 48 sks. reg. cement.
6. Set 4' x 4" pipe as permanent marker.