Form 9-330

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

FOR PETROLEUM RECORD—Continued

U. S. LAND OFFICE Navajo-Ute

SERIAL NUMBER 14-20-604-1951

LEASE OR PERMIT TO PROSPECT

RECEIVED
APR 5 1960
OIL CON. COM.
DIST. 3

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED
APR 4 1960
U. S. GEOLOGICAL SURVEY
DURANGO, COLO.

LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company El Paso Natural Gas Products Co. Address Box 1565, Farmington, New Mexico

Lessor or Tract Horseshoe Ute Field Horseshoe Gallup State New Mexico

Well No. 39 Sec. 28 T. 31N R. 16W Meridian NMPM County San Juan

Location 660 ft. {N. / S.} of N Line and 1980 ft. {E. / W.} of E Line of Section 28 Elevation 5749
(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: JOSEPH E. KREGER

Date March 31, 1960 Title Petroleum Engineer

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

Commenced drilling March 4, 19 60 Finished drilling March 9, 19 60

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 1632 to 1684 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
9-5/8"	32.3#	8		115					
5-1/2"	14#	8		1716					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9-5/8"	115	125	Circulated		
5-1/2"	1716	100	Pump & Plug		

MARK

FOLD

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 Remarks				

HISTORY OF OIL OR GAS WELL

TOOLS USED

Rotary tools were used from 0 feet to 1717 feet, and from _____ feet to _____ feet

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

DATES

March 13, 19 60 Put to producing March 27, 19 60

The production for the first 24 hours was 28 barrels of fluid of which 100 % was oil; _____ % emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. 9 XXX API 40.8

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

_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	305	305	Point Lookout. Gy./v./fn. silty ss. w/freq. shale breaks.
305	1410	1105	Mancos Form. Gy. carb. shale.
1410	1717	307	Gallup Form. Lt. gy. to brn. calc. carb. micaceous glauconitic. Very fn. to med. gr. ss. w/irreg. interbedded shale.

TOPS ARE FROM ELECTRIC LOGS AND RADIOACTIVITY LOGS.

RECEIVED

[OVER]

FORMATION RECORD—Continued

FROM— | TO— | TOTAL FEET | FORMATION

16—48094-4

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

U. S. LAND OFFICE _____

SERIAL NUMBER _____

LEASE OR PERMIT TO PROSPECT _____

RECEIVED
APR 5 1950
OIL CON. COM.
DIST. 3

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED
APR 4 1950
U. S. GEOLOGICAL SURVEY
DURANGO, COLO.

Form 9-330

LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company _____ Address _____

Lessor or Tract _____ Field _____ State _____

Well No. _____ Sec. _____ T. _____ R. _____ Meridian _____ County _____

Location _____ ft. {N. / S.} of _____ Line and _____ ft. {E. / W.} of _____ Line of _____ Elevation _____
(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 _____

Date _____ Title _____

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

Commenced drilling _____, 19__ Finished drilling _____, 19__

OIL OR GAS SANDS

No. 1, from _____ to _____ Depth _____ Drillers

No. 2, from _____ to _____ Depth _____ Drillers

No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____ Depth _____ Drillers

No. 2, from _____ to _____ Depth _____ Drillers

No. 3, from _____ to _____ No. 6, 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

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used

RECORD OF SHOOTING OR CHEMICAL TREATMENT

Size shell used	Explosive or chemical used	Quantity	Date	Depth shot or treated	Depth cleaned out

RECORD OF DRILL-STEM AND SPECIAL TESTS

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto

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

Put to producing _____, 19__

The production for the first 24 hours was _____ barrels of fluid of which _____% was oil; _____% was emulsion; _____% was water; and _____% was sediment. A.P.I. Gravity _____

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

_____, Driller _____, Driller

FORMATION RECORD

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.

Maximum treating pressure 1400 psi.; breakdown pressure 1200 psi.;
one time for 150# rise.
Average treating pressure 1250-1350 psi. Dropped 22 rubber balls