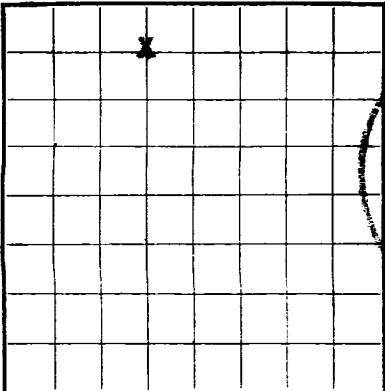
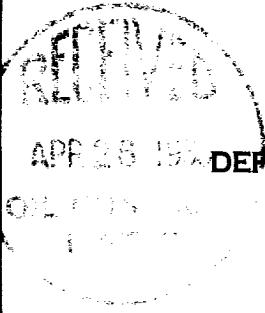


U. S. LAND OFFICE Navajo-Use Trib.
SERIAL NUMBER 14-20-604-1951
LEASE OR PERMIT TO PROSPECT _____



LOCATE WELL CORRECTLY



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED
APR 25 1960

U. S. GEOLOGICAL SURVEY
DURANGO, COLO.

LOG OF OIL OR GAS WELL

Company El Paso Natural Gas Products Co. Address Box 1565, Farmington, New Mexico
Lessor or Tract Horseshoe Use Field Horseshoe Gallup State New Mexico
Well No. 40 Sec. 28 T. 31N R. 16W Meridian NMPM County San Juan
Location 635 ft. N of N Line and 3245 ft. W of E Line of Section 28 Elevation 5757'
(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: WILLIAM K. GLAENER

Date April 22, 1960 Title Petroleum Engineer

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

Commenced drilling March 11, 1960 Finished drilling March 16, 1960

OIL OR GAS SANDS OR ZONES

No. 1, from 100-1500 to 1000-1500 No. 2, from 1000-1500 to 1000-1500
No. 3, from 1000-1500 to 1000-1500 No. 4, from 1000-1500 to 1000-1500
No. 5, from 1000-1500 to 1000-1500 No. 6, from 1000-1500 to 1000-1500

IMPORTANT WATER SANDS

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

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of pipe	Cut and pulled from	Perforated		Purpose
							From—	To—	
9-5/8"	110	125	Circulated						
5-1/2"	1703	100	Single Stage						

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9-5/8"	110	125	Circulated		
5-1/2"	1703	100	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

TOOLS USED

Rotary tools were used from 0 feet to 1704 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

March 23, 1960 Put to producing April 12, 1960
The production for the first 24 hours was 22.15 barrels of fluid of which 100 % was oil; _____ %
emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. 40.8 API
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	310	310	Point Lookout Form: Gy., v/fn. silty ss. w/freq. shale breaks.
310	1395	1085	Mancos Form: Gy. carb. shale.
1395	1704	309	Gallup Form: Lt. gy. to brn. calc. carb. mica. glauconitic. Very fn. to med. gr. ss. w/irreg. lmbd. shale.
			TOPS ARE FROM ELECTRIC LOGS AND RADIOACTIVITY LOGS.

FROM—	TO—	TOTAL FEET	FORMATION
1300	1700	400	Gravelly sand, yellowish, silty, with thin layers of clay.
900	1300	400	Gravelly sand, yellowish, silty, with thin layers of clay.
0	900	900	Gravelly sand, yellowish, silty, with thin layers of clay.

FORMATION RECORD	EMPLOYEES
Driller	Driller
Driller	Driller

Rock pressure, lbs. per sq. in.	
If gas well, cu. ft. per 24 hours	
emulsion; % water; and % sediment	
The production for the first 24 hours was	
barrels of fluid of which % was oil; %	
Put to producing	

DATES	
Cable tools were used from	
feet to	
feet and from	
feet to	

SHOOTING RECORD	PLUGS AND ADAPTERS
Size	Size
Steel used	Material
Explosive used	Material
Quantity	Length
Date	Depth set

NUDDING AND CEMENTING RECORD	ADAPTERS—Material	HEAVING PLUG—Material
Where set		
Number sacks of cement		
Method used		
Mud gravity		
Amount of mud used		

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 in any casing was attached to the well, give location and location. If the well was 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 drilling.

CASTING RECORD	Amount	Make	Threads per inch	Weight per foot	Size casing
18-1/2 Recovery					
1928-1940					
1909-1928					

No. 3, from	1909-1928	18-1/2 Recovery	No. 4, from	1928-1940	12 Recovery
No. 2, from			No. 3, from		
No. 1, from					

OIL OR GAS SANDS OR ZONES

Commenced drilling

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

Date

Signed

U. S. GEOLOGICAL SURVEY

Location

Well No.

Sec.

Meridian

County

State

Address

LOG OF OIL OR GAS WELL

U. S. GEOLOGICAL SURVEY

APR 22 1960

RECEIVED

DEPARTMENT OF THE INTERIOR

UNITED STATES