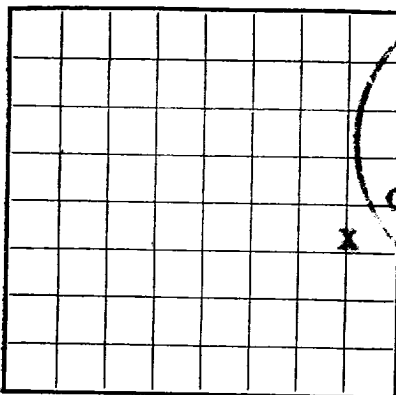
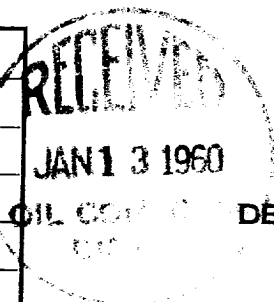




LOCATE WELL CORRECTLY

Navajo-Use Tribal
U. S. LAND OFFICE
SERIAL NUMBER 14-20-604-1931
LEASE OR PERMIT TO PROSPECTUNITED STATES
DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY JAN 11 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 Ute** Field **Horseshoe Gallup** State **New Mexico**
Well No. **28** Sec. **34** T. **31N** R. **16W** Meridian **NMPM** County **San Juan**
Location **1980** ft. **N** of **S** Line and **660** ft. **E** of **E** Line of **Section 34** Elevation **5452'**
(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.

Date **January 8, 1960**Signed **ORIGINAL SIGNED BY: JOSEPH E. KREGER**
Title **Petroleum Engineer**

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

Commenced drilling **December 6**, 19**59** Finished drilling **December 10**, 19**59**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **1342'** to **1378'** 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 **1342'** to **1378'** 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—	
9-5/8"	36.00	8.0	1-83	100	1-83	1-83	1-83	1-83	1-83
5-1/2"	15.50	8.0	1-55	100	1-55	1-55	1-55	1-55	1-55
HISTORY OF OIL OR GAS WELLS									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9-5/8"	106	125	Circulated		
5-1/2"	1453	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
See "Well History"						

TOOLS USED

Rotary tools were used from **0** feet to **1454** feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

December 20, 19**59** Put to producing **January 6**, 19**60**

The production for the first 24 hours was **54** barrels of fluid of which **100** % was oil; _____ % emulsion; _____ % water; and _____ % sediment. Gravity **°Bé. 2 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	1122	1122	Mancos Form. Gy. carb. shale.
1122	1454	332	Gallup Form. Lt. gy. to brn. calc. carb. micaceous glauconitic. Very fn. to med. gr. ss. with irregular lmbd. shale.
TOPS ARE FROM ELECTRIC LOGS AND RADIOACTIVITY LOGS.			

