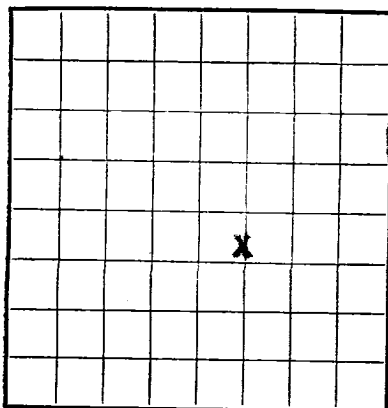




LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYNavajo-Ute Trib.
U. S. LAND OFFICE
SERIAL NUMBER 14-20-604-1951
LEASE OR PERMIT TO PROSPECT

MAR 1 1960

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. 32 Sec. 27 T. 31N R. 16W Meridian NMPM County San Juan
Location 1900 ft. N of S Line and 2080 ft. E of E Line of Section 27 Elevation 5484'
(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 February 29, 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 January 10, 1960 Finished drilling January 14, 1960

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 1398 to 1424 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. 2, from _____ to _____
No. 2, from _____ to _____ No. 3, from _____ to _____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Out and pulled from	Perforated		Purpose
							From—	To—	
9-5/8"	26.000	11.75	API	1175	Chisel	0	1175	1175	Production
5-1/2"	11.75	11.75	API	1175	Chisel	1175	1490	1490	Production
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
9-5/8"	119'	125	Circulated		
5-1/2"	1488'	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 Remarks			

TOOLS USED

Rotary tools were used from 0 feet to 1490 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

January 23, 1960 Put to producing February 8, 1960

The production for the first 24 hours was 46.50 barrels of fluid of which 100 % was oil; _____ % emulsion; _____ % water; and _____ % sediment. Gravity °Bé 40.3 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	1175	1175	Mancos Form. Gy. carb. shale.
1175	1490	315	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.

UNIT 30 - GLEYS

100-200-05-41

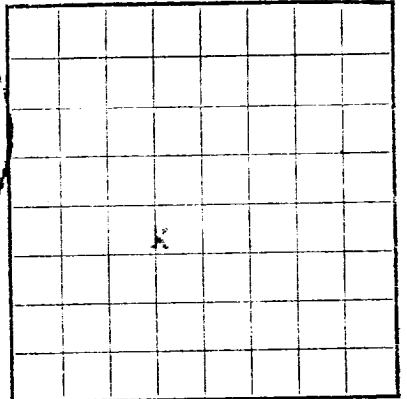
U. S. LAND OFFICE
SERIAL NUMBER

PLEASE OR PERMIT TO REVERSE

UNITED STATES

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

1960 MAR 4
OIL CON. COM.
DIST. 3



LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Date February 20, 1930
 Signed
 The information given herewith is a complete and correct record of the well and all work done thereon
 as far as can be determined from all available records.
 ORIGINAL SIGNED BY JOSEPH E. KEEFER
 This Gentleman Business
 Location ft. 1930 of ft. 2050 of ft. 17
 Well No. 32 Sec. 17 T. 31N. R. 10W. Meridian
 Lessor or Tract Interest Use
 Company
 Address Box 1000, Hutchinson, New Mexico

Commenced drilling January 10, 1902 Finished drilling February 14, 1902

OIL OR GAS SANDS OR ZONES

No. 1, from		No. 2, from		No. 3, from	
to	100	to	100	to	100
from	100	from	100	from	100

(Denote gas by G)

SOF parts. 1398-1424 with 48,000 psi. oil & 80,000* (10-20) sand.
 Flush with 3061 gals. oil. Injection Rate: 57.0 bbls./min. Maximum
 crowding pressure 1100 psi.; Breakdown pressure 1500 psi.; Average
 crowding pressure 1000 psi. Injected 36 rubber balls one time, 200 psi.
 IMPROBANT WATER 2-21-68

casing per foot	Weight per foot	Thickness per inch	Maps	Location and drilled from	From - To -	% Estimated	Purpose

HISTORY OF OIL OR GAS WELL

SLURRY WALL RECORD

Amount of fund used	Kind of work	Method used	Number of days of employment	Where set	Cost
		Handwritten	121	111	210
		Handwritten	101	8641	211

PLUGS AND ADAPTERS

SHOOTING RECORD

[illegible]

TOOLS USED

Rotary tools were used from	11:30	feet and from	feet to
Cable tools were used from		feet and from	feet to

DATE

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	

EMPLOYEES

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

FORMATION RECORD

FROM-	TO-	TOTAL FEET	FORMATION
0	1175	1175	2-ANDOS FORMATION, 100% SAND, GRAVEL.
1175	1420	245	CLAY, SAND, GRAVEL, 100% SAND, GRAVEL. CLAY, SAND, GRAVEL, 100% SAND, GRAVEL. CLAY, SAND, GRAVEL, 100% SAND, GRAVEL.
			TOPS ARE 100% SAND, GRAVEL AND 100% SAND, GRAVEL.
FROM-	TO-	TOTAL FEET	FORMATION