

X			

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office **SF**
Lease No. **081226-A**
Unit **Horseshoe Canyon**

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	1959
NOTICE OF INTENTION TO CHANGE PLANS.....	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....	SUBSEQUENT REPORT OF ALTERING CASING.....	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY.....	
NOTICE OF INTENTION TO ABANDON WELL.....	Sandoll Frac.	X

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

June 25, 19 59

Well No. **1-A** is located **560** ft. from **N** line and **660** ft. from **W** line of sec. **9**

NW NW/4 Sec. 9
(¼ Sec. and Sec. No.)

30N
(Twp.)

16W
(Range)

NMPM
(Meridian)

Horseshoe Gallup
(Field)

San Juan
(County or Subdivision)

New Mexico
(State or Territory)

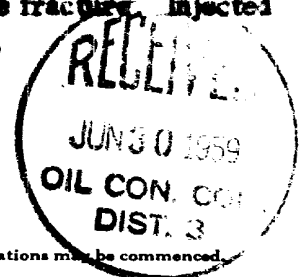
The elevation of the derrick floor above sea level is **5305** ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

6-23-59 Total Depth 1208'. Clean Out Total Depth 1130'.

Sandoll fractured Lower Gallup perforated intervals 1066'-1107' (2 sh./ft.) with 39,000 gals. oil and 50,000# sand. Breakdown pressure 1500#, maximum treating pressure 1200#, average treating pressure 900#. Injection Rate--56.0 bbls./min. Flush 1260 gals. oil. Dropped 250 gallons 7-1/2% BDA before fracture. Injected 41 rubber balls halfway through treatment, 300 psi. increase.



I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company **El Paso Natural Gas Products Company**

Address **Post Office Box 1565**
Farmington, New Mexico

ORIGINAL SIGNED BY: **WILLIAM K. GLAZNER**

By _____

Title **Petroleum Engineer**

ORIGINAL SIGNED BY: WILLIAM K. CLARK

[illegible]

LOCATE WELL CORRECTLY

U. S. LAND OFFICE _____ SF _____
SERIAL NUMBER _____ 081226-A _____
LEASE OR PERMIT TO PROSPECT _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company El Paso Natural Gas Products Co. Address Box 1565, Farmington, New Mexico
 Lessor or Tract Horseshoe Canyon Field Horseshoe Gallup State New Mexico
 Well No. 1-A Sec. 9 T.30N R.16W Meridian NMPM County San Juan
 Location 560 ft. { N. } of N. Line and 660 ft. { E. } of W. Line of Section 9 Elevation 5305

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 July 9, 1959 Title Petroleum Engineer

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

Commenced drilling ----- 6-16 -----, 19--59 Finished drilling ----- 6-20 -----, 19-59

OIL OR GAS SANDS OR ZONES

(Denote gas by $\ominus$)

No. 1, from 1066 to 1107 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

[illegible]

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
5/8	121	100	Circulated		
1-1/2	1207	50	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

TOOLS USED

Rotary tools were used from 0 feet to 1208 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

6-23	1959	Put to producing	7-6	1959
The production for the first 24 hours was		100	barrels of fluid of which	100 % was oil; %
emulsion; % water; and % sediment.			Gravity, °Bé.	37.6° 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	821	821	Mancos formation, Gy. carb. sh.
821	1015	194	Upper Gallup formation, Shale, gy-blk. calc. w/aragonite inclusion
1015	1185	170	Lower Gallup formation, Lt. gy to brn. calc. ca micaceous glauconitic. v/fn. to med. gr. s w/irreg. interbedded shale.
1185	1208	23	Sanastee formation, Dk. gy. calc. v/fn to fn. gy ss. w/calc. veins, w/irreg. inbd. dk gy. s
FROM	TO	TOTAL FEET	FORMATION

