

U. S. LAND OFFICE -----

SERIAL NUMBER _____

LEASE OR PERMIT TO PROSPECT -----

UNITED STATES RECEIVED
DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY DEC 15 1958

— U. S. GEOLOGICAL SURVEY
FARMINGTON, NEW MEXICO

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company **Banner Drilling Company** Address **P.O. Box 1573, Farmington**
 Lessor or Tract **Nav-Ute #14-20-604-1951** Field **Horse Shoe Gallup Ext. New Mexico**
 Well No. **6** Sec. **34** T**31** N R. **16W** Meridian **NMPM** State **San Juan**
 Location **990** ft. **N** of **N** Line and **1905** ft. **E** of **W** Line of **Sec. 34-31-16** Elevation **5538**
 (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 **November 28, 1958** Signed _____ Title **Co-Owner**

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 OR ZONES

(Denote gas by G)

No. 1, from <u>1415</u> to <u>1452</u>	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. 3, 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—	
8-5/8	244	3 RT	J 55	115ft.			1418	1452	Surface
5-1/2	154	3 RT	J 55	1806					Prod. OSG
2"	4.7	8 RT	S.S.	1416					Prod. FBG

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8	114	100 sacks	Circulated		
5-1/2	1506	100 sacks	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 _____ feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to **1600** feet, and from _____ feet to _____ feet

DATES

-----, 19----- Put to producing -----, 19-----

The production for the first 24 hours was _____ barrels of fluid of which _____% was oil; _____% emulsion; _____% water; and _____% sediment. 96 Gravity, °Bé. 100

If gas well, cu. ft. per 24 hours Gallons gasoline per 1,000 cu. ft. of gas 40.6

Rock pressure, lbs. per sq. in. -----

EMPLOYEES

_____, Driller _____, Driller
Jewell Copeland _____, Driller _____, Driller
N.B. Williams _____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	115	115	Soil & Sand Stone
115	836	836	Shale & Sand
951	1192	141	Sandy Shale
1192	1418	226	Sandy Shale
1418	1452	34	Sand
1452	1600	148	Sandy Shale
Formation Tops			
			Siltstone 370
			Upper Gallup 1191
			Lower Gallup 1387
			Upper Sand 1418
			Sanastee 1558

WASHINGTON, NEW MEXICO
U. S. GEOLOGICAL SURVEY
JUL 1 2 1928

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 balling.

HISTORY OF OIL OR GAS WELL

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FORMATION RECORD—Continued