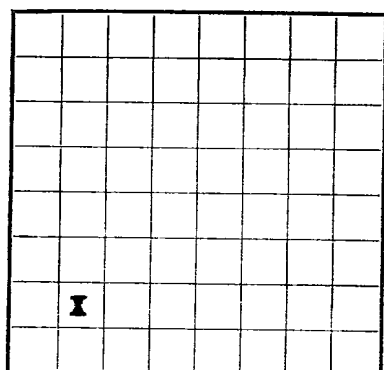


U. S. LAND OFFICE **Navajo**
SERIAL NUMBER **I-149-Ind. 8467**
LEASE OR PERMIT TO PROSPECTUNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**RECEIVED**
MAR 5 1956
U. S. GEOLOGICAL SURVEY
FARMINGTON, NEW MEXICO

LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company **J. Glenn Turner** Address **Box 728 - Farmington, New Mexico**
Lessor or Tract **Huerfanito Unit** Field **So. Blanco P. C.** State **New Mexico**
Well No. **45-24** Sec. **24** T. **27-N** R. **9-W** Meridian **N.M.P.M.** County **San Juan**
Location **1130** ft. **(N.)** of **S** Line and **990** ft. **(E.)** of **W** Line of **Sec. 24** Elevation **6189**
(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 **C. Beeson Neal** Title **Agent in Farmington**
Date **March 2, 1956**

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

Commenced drilling **January 14, 1956**, 19 Finished drilling **February 14, 1956**, 19

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **2140** to **2175 (G)** 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

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
8-5/8"	24#	8 rd. thd.	J-55	98'	None				Surface
5-1/2"	14#	8 rd. thd.	J-55	2120'	Halliburton				Long String
									Production

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8"	100	70	Halliburton	Mostly water	
5-1/2"	2146	100	Halliburton	Mostly water	

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
Sand oil treated from 2146' to 2175' on 2/14/56 with 17,800 gallons diesel oil and 30,000# sand. Flushed with 2,200 gal. diesel oil. Breakdown pressure 1800#. Injection 26 barrels per minute.						

TOOLS USED

Rotary tools were used from **100** feet to **2150** feet, and from _____ feet to _____ feet
Cable tools were used from **0-** feet to **100** feet, and from **2150** feet to **2175** feet

Potential test taken

February 24, 1956, 19

DATES

Shut in for potential testPut to producing **February 15, 1956**, 19

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

If gas well, cu. ft. per 24 hours **5,349 MCF/Day** gallons gasoline per 1,000 cu. ft. of gas _____Rock pressure, lbs. per sq. in. **694**

EMPLOYEES

Huerfanito Drilling Co., Inc., Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
Surface	2084	2084	Surface sand and shale, Ojo Alamo, Kistland and Fruitland formations.
2084	2102	18	Coal
2102	2131	29	Shale
2131	2136	5	Coal
2136	2140	4	Shale
2140	2175	35	Shale
Top of Pictured Cliffs 2140'			

FORMATION RECORD—CONTINUED

FORMATION RECORD—Continued

FROM-	TO-	TOTAL FEET	FORMATION
			TOP OF BIRMINGHAM OFFICE SITE
1000	1010	10	SPATE
1010	1020	10	SPATE
1020	1030	10	SPATE
1030	1040	10	SPATE
1040	1050	10	SPATE
1050	1060	10	SPATE
1060	1070	10	SPATE
1070	1080	10	SPATE
1080	1090	10	SPATE
1090	1100	10	SPATE
1100	1110	10	SPATE
1110	1120	10	SPATE
1120	1130	10	SPATE
1130	1140	10	SPATE
1140	1150	10	SPATE
1150	1160	10	SPATE
1160	1170	10	SPATE
1170	1180	10	SPATE
1180	1190	10	SPATE
1190	1200	10	SPATE
1200	1210	10	SPATE
1210	1220	10	SPATE
1220	1230	10	SPATE
1230	1240	10	SPATE
1240	1250	10	SPATE
1250	1260	10	SPATE
1260	1270	10	SPATE
1270	1280	10	SPATE
1280	1290	10	SPATE
1290	1300	10	SPATE
1300	1310	10	SPATE
1310	1320	10	SPATE
1320	1330	10	SPATE
1330	1340	10	SPATE
1340	1350	10	SPATE
1350	1360	10	SPATE
1360	1370	10	SPATE
1370	1380	10	SPATE
1380	1390	10	SPATE
1390	1400	10	SPATE
1400	1410	10	SPATE
1410	1420	10	SPATE
1420	1430	10	SPATE
1430	1440	10	SPATE
1440	1450	10	SPATE
1450	1460	10	SPATE
1460	1470	10	SPATE
1470	1480	10	SPATE
1480	1490	10	SPATE
1490	1500	10	SPATE
1500	1510	10	SPATE
1510	1520	10	SPATE
1520	1530	10	SPATE
1530	1540	10	SPATE
1540	1550	10	SPATE
1550	1560	10	SPATE
1560	1570	10	SPATE
1570	1580	10	SPATE
1580	1590	10	SPATE
1590	1600	10	SPATE
1600	1610	10	SPATE
1610	1620	10	SPATE
1620	1630	10	SPATE
1630	1640	10	SPATE
1640	1650	10	SPATE
1650	1660	10	SPATE
1660	1670	10	SPATE
1670	1680	10	SPATE
1680	1690	10	SPATE
1690	1700	10	SPATE
1700	1710	10	SPATE
1710	1720	10	SPATE
1720	1730	10	SPATE
1730	1740	10	SPATE
1740	1750	10	SPATE
1750	1760	10	SPATE
1760	1770	10	SPATE
1770	1780	10	SPATE
1780	1790	10	SPATE
1790	1800	10	SPATE
1800	1810	10	SPATE
1810	1820	10	SPATE
1820	1830	10	SPATE
1830	1840	10	SPATE
1840	1850	10	SPATE
1850	1860	10	SPATE
1860	1870	10	SPATE
1870	1880	10	SPATE
1880	1890	10	SPATE
1890	1900	10	SPATE
1900	1910	10	SPATE
1910	1920	10	SPATE
1920	1930	10	SPATE
19			

HISTORY OF OIL OR GAS WELL

It is of the greatest importance to have a complete history of the well, with the reasons for the work and its results. If there were any changes "sidetracked" or left in the well, give size and location. If the well has been dynamited, give date, size, position, and number of shots. If any bridges were put in to rest for water, state kind of material used, position, and results of pumping or bailing.

[illegible]

САЖИНС БЕСОВЕ

No 5 Port	40	No 8 Port	40
No 6 Port	40	No 9 Port	40

IMBOKTAM WALEK SANDS

NO. 3 FROM	TO	NO. 3 FROM	TO
NO. 4 FROM	TO	NO. 2 FROM	TO
NO. 1 FROM	TO	NO. 4 FROM	TO
STIR	STIR (MCH)		

OIL OR GAS SANDS OR ZONES

Continued from Serial 11 Page 10 Entered Serial Serial 11 Page 10
 The witness on the back is for the condition of the men at work day.

DATE: March 5, 1959

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED
DATE 08-01-2001 BY 60322 UCBAW

The information given herein is a complete and correct record of lawfully made and duly sworn statements made by the declarant and is not to be used for any other purpose.

Page 10 of 10

[illegible]

FORM NO. 90-1786-111 INSOLUBLE IN WATER BUT IN ETHYL ALCOHOL

DATE: 10/10/2001 10:10:00 AM

ГОСУД. НАУЧ. ЦЕНТ. СОУБЕС. ЛГА

A blank sheet of graph paper with a grid pattern. The grid consists of horizontal and vertical lines forming squares. In the top left corner, there is a small handwritten mark that looks like "X".

FOC OF OIL OF CAS MERT

GEOLOGICAL SURVEY

DEPARTMENT OF THE INTERIOR

UNITED STATES

DEVEE CB BFWIL LO BBOBES

RECEIVED NOVEMBER 1-1945-1945 10:00 AM

02 NYSD OFFICE