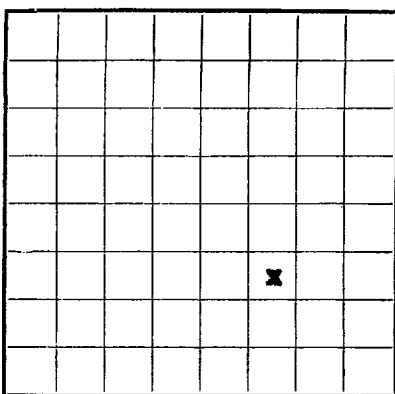


U. S. LAND OFFICE **Santa Fe**
SERIAL NUMBER **NM 04226**
LEASE OR PERMIT TO PROSPECT **McManus**

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company **BENSON-MONTIN** Address **1501 Republic Building, Oklahoma City**Lessor or Tract **McMANUS** Field **WILDCAT** State **NEW MEXICO**Well No. **3** Sec. **33** T. **26N** R. **8W** Meridian **N.M.P.M.** County **SAN JUAN**Location **1557** ft. **N.** of **1552** Line and **1553** ft. **W.** of **E** Line of **SEC. 33** Elevation **6592**
(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

Date **November 18, 1954** Title **Field Superintendent**

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

Commenced drilling **September 13**, 19**54** Finished drilling **October 10**, 19**54**

OIL OR GAS SANDS OR ZONES

No. 1, from **2258** to **2334 (G)** No. 4, from **2334** to **2334**No. 2, from **2334** to **2334** No. 5, from **2334** to **2334**No. 3, from **2334** to **2334** No. 6, from **2334** to **2334**

IMPORTANT WATER SANDS

No. 1, from **2334** to **2334** No. 3, from **2334** to **2334**No. 2, from **2334** to **2334** No. 4, from **2334** to **2334**

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"	23	8	H-40	94	Texas Pattern				Surface
5-1/2"	14	8	H-40	2334	Texas Pattern				Production

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8"	101	75	Pump & Plug		
5-1/2"	2262	100	Pump & Plug		

PLUGS AND ADAPTERS

Heaving plug—Material **None** Length _____ Depth set _____

Adapters—Material _____ Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
			None			

TOOLS USED

Rotary tools were used from **Surface** feet to **2262** feet, and from _____ feet to _____ feetCable tools were used from **2262** feet to **2334** feet, and from _____ feet to _____ feet

DATES

Ran Tubing **October 13**, 19**54** Put to producing **State Potential Test**, **November 17**, 19**54**

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 **476,000** Gallons gasoline per 1,000 cu. ft. of gas _____Rock pressure, lbs. per sq. in. **544**

EMPLOYEES

Benson-Montin-Greer Drilling Corp. Driller _____, Driller _____

Driller _____, Driller _____

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
Surface	2258	2258	Surface Sand & Shale, Ojo Alamo, Kirtland and Fruitland Formations
2258	2334	76	Pictured Cliffs Sand

FOLD MARK

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

YATE, R. COO. JUNE 1954

[illegible]

State Potent [redacted] 711-200 [redacted] gas company;
SIP 544 [redacted] DNT (shut in 35 days). Open 3 hours through
2" plug valve. Flowed 476 MCF/day.

10-31-54 Cleared out to 2334. Ran 109 joints. Funding to 2332.

10-17-54 ID 2334. Sand-oil treatment from 2262' to 2334' using 7628 gallons diesel oil and 7628 sand, flushed with 2520 gallons diesel oil.

10-9-54 Moved in cable tools.

9-17-54 ID 2262', Set 3-17-54

"Notice of Intention to Drill" approved by U.S.G.S.
Spudded and set 8-5/8" casing.

7-18-54 100-100000-1

[illegible]

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of reworking, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, both in any casing was "detached" or fell 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 bailing.

HISTORY OF OIL OR GAS WELL

[illegible]

FORMATION RECORD—Continued