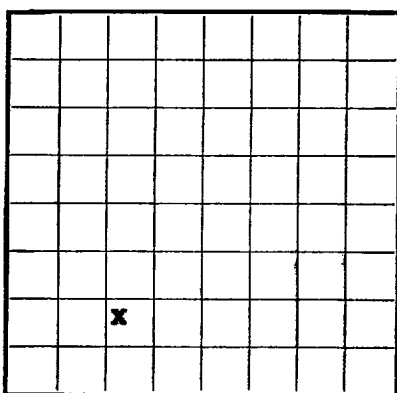




LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSanta Fe
U. S. LAND OFFICE
SERIAL NUMBER NM 04226
LEASE OR PERMIT TO PROSPECT McManus

LOG OF OIL OR GAS WELL

Company **BENSON-MONTIN** Address **1501 REPUBLIC BUILDING, OKLAHOMA CITY**
Lessor or Tract **McMANUS** Field **BALLARD PC** State **NEW MEXICO**
Well No. **12** Sec. **29** T. **26N** R. **8W** Meridian **N.M.P.M.** County **SAN JUAN**
Location **998** ft. [N. of S. Line and **1342** ft. [E. of W. Line of **SECTION 29** Elevation **6350**
(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 *[Signature]*
Date **December 22, 1955** Title **Field Superintendent**

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

Commenced drilling **October 5**, 19 **55** Finished drilling **November 23**, 19 **55**

OIL OR GAS SANDS OR ZONES

No. 1, from **2017** to **2105** (6) No. 4, from **2105** to **2105**
No. 2, from **2105** to **2105** No. 5, from **2105** to **2105**
No. 3, from **2105** to **2105** No. 6, from **2105** to **2105**
IMPORTANT WATER SANDS
No. 1, from **2105** to **2105** No. 3, from **2105** to **2105**
No. 2, from **2105** to **2105** No. 4, from **2105** to **2105**

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	J-55	94'	Texas Pattern	-	-	-	Surface
5-1/2"	14*	8	J-55	2085'	Texas Pattern	-	-	-	Production
HIPLOKA OL OIL OR GAS CV2-1250									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8"	103	80	Pump & Plug		
5-1/2"	2022	100	Pump & Plug		

PLUGS AND ADAPTERS

Heaving plug—Material **None** Length _____ Depth set _____
Adapters—Material **None** 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 **2025** feet, and from _____ feet to _____ feet
Cable tools were used from **2025** feet to **2105** feet, and from _____ feet to _____ feet

Run Tubing

November 25, 19 **55**

DATES

State Potential Test

Put to producing **December 20**, 19 **55**

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 **5,820,000** Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. **614 (shut in 25 days)**

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
Surface	2014	2014	Surface sand and shale, Ojo Alamo, Kirtland and Fruitland formations
2014	2016	2	Coal
2016	2017	1	Shale
2017	2105	88	Pictured Cliffs Sand

[OVER]

16-43094-3

LOG OF OIL OR GAS WELL

METHODS OF NEW STAYS

[illegible]

9-26-55 Notice of intention to drill approved by U.S.G.S.

10-4-55 Moved in shothole rig to set surface casing.

10-5-55 TD 103' KBM 3 joints 24" at 8-5/8" OD 24" J-55 casing

10-11-55 Moved in rotary.

10-14-55 TD 2025'. Set 66 joints 2018' at 5-1/2" OD 14" J-55 casing at 2022' with 100 sacks cement.

11-19-55 Moved in cable tools.

11-20-55 TD 2100'. Flowing 107 m3/day. Sandstripped from 2022' to 2100'. With 23,100 gallons salt water (22,662 gpm effluent) and 30,000' sand, finished with 2,100 gallons salt water.

11-25-55 After 30 hours standing 1,425 m3/day. Ann 99 joints 2063' of 1" tubing landed at 2090'.

12-30-55 Retest.

9-26-55 Notice of intention to drill approved by U.S.G.S.

Serial Number	Date	Location	Depth	Direction	Remarks
1	1941	...	...	...	...
2	1942	...	...	...	...
3	1943	...	...	...	...
4	1944	...	...	...	...
5	1945	...	...	...	...
6	1946	...	...	...	...
7	1947	...	...	...	...
8	1948	...	...	...	...
9	1949	...	...	...	...
10	1950	...	...	...	...

HISTORY OF OIL OR GAS WELL

[illegible]