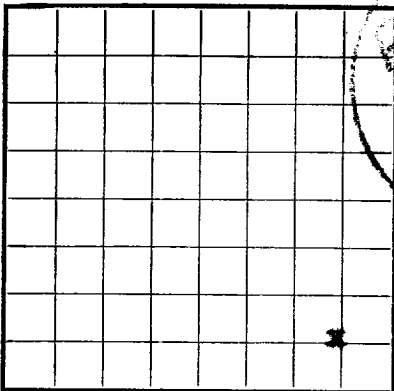




LOCATE WELL CORRECTLY

RECEIVED
SEP 2 1958
OIL CON. COM.
DIST. 3U. S. LAND OFFICE **New Mexico**
SERIAL NUMBER **69495**
LEASE OR PERMIT TO PROSPECTUNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYRECEIVED
AUG 20 1958
U. S. GEOLOGICAL SURVEY
FARMINGTON, NEW MEXICO

LOG OF OIL OR GAS WELL

Company **Kenneth Marchison** Address **Box 726 - Farmington, New Mexico**
Lessor or Tract **Federal** Field **Histi Extension** State **New Mexico**
Well No. **2** Sec. **3** T. **25-N** R. **21E-W** Meridian **N.M.P.M.** County **San Juan**
Location **660** ft. **DN** of **3** Line and **660** ft. **DN** of **E** Line of **Sec. 3** Elevation **6251**
(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 **AUG 20 1958** Signed **C. Deason Neal** Agent in Farmington
Title

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

Commenced drilling **August 13, 1958**, 19 Finished drilling **August 22, 1958**, 19

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **4,840** to **4,880 (OIL)** No. 4, from to
No. 2, from **4,897** to **4,938 (OIL)** No. 5, from to
No. 3, from to No. 6, from to

IMPORTANT WATER SANDS

No. 1, from **None** 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—	
10-3/4" 15.75	8.1	8	Halliburton	157'	None	Surface	4906	4906	Long string
2-3/8" 8.75	8.75	8	Halliburton	157'	None	Surface	4906	4906	 tubing

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4"	171'	150	Halliburton	Mostly water	
5-1/2" 13.0 lb	104'	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 fractured on 8/25/58 with 5,000 gal. load, 48,782 gal. free oil - 6,000 gal. flush - 50,000' 20-40 sand. Breakdown 2200' maximum, 1900 min. Drugged 100 balls. Injection 47 h.p.m.						

TOOLS USED

Rotary tools were used from **Surface** feet to **5,016** feet, and from feet to feet
Cable tools were used from feet to feet, and from feet to feet

DATES

August 28, 1958, 19 Put to producing **August 27, 1958**, 19

The production for the first 24 hours was **350** barrels of fluid of which **100**% was oil; **0**% emulsion; **0**% water; and **0**% sediment. Gravity **28.2** **38° A.P.I.**

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

Rock pressure, lbs. per sq. in. **2**

EMPLOYEES

San Juan Drilling Company, Driller
, Driller
, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	168	168	Sand & Shale
168	190	22	White coarse sand-top Ojo Alamo 168'
190	1,020	830	Gray shale & sand - top kirtland 190'
1,020	1,142	122	Interbedded sand, shale & coal - Top Fruitland 1,020'
1,142	1,179	37	Fine-medium gray sand-Top Fractured Cliffs 1,142'
1,179	3,015	1,836	Inter-bedded sand & shale-Top Lewis 1,179
3,015	3,170	155	Inter-bedded sand & shale - Top Cliffhouse 3,015'
3,170	3,652	482	Sand shale & coal-Top Munroe 3,170'
3,652	3,813	161	Med.-tight sand - Top Point Lookout 3,652'
3,813	4,681	868	Black, dense, silty shale - Top Munroe 3,813'
4,681	4,940	259	Silty sand & shale - top Gallup 4,681'
4,940	5,016	76	Bottom Gallup 4,940'
			Black, dense, silty silty Munroe shale

[OVER]

16-43094-4

FORMATION RECORD—Continued

