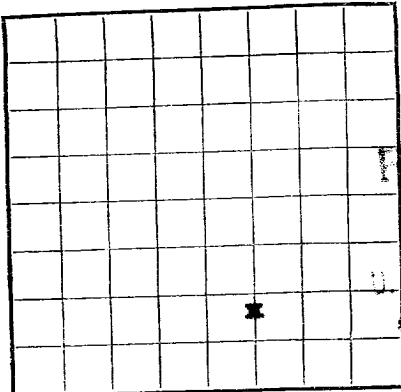


U. S. LAND OFFICE **New Mexico**
SERIAL NUMBER **NM 06813**
LEASE OR PERMIT TO PROSPECT

LOCATE WELL CORRECTLY

RECEIVED
FEB 7 1962UNITED STATES **RECEIVED**
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
FEB - 9 1962O. G. C.
ARTESIA, OFFICE

LOG OF OIL OR GAS WELL

413 First Nat'l Bank Bldg.

Company **Martin, Williams & Judson** Address **Midland, Texas**
Lessor or Tract **Tidewater FE** Field **N. Hackberry, Yates** State **New Mexico**
Well No. **1** Sec. **19** T. **19S** R. **31E** Meridian **NMPM** County **Eddy**
Location **990** ft. **N** of **S** Line and **190** ft. **E** of **E** Line of **Section** Elevation **3396** DF
(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

Title **Partner**Date **February 5, 1962**

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

Commenced drilling **December 19**, 19 **61** Finished drilling **January 23**, 19 **62**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **2010** to **2020** No. 4, from _____ to _____
No. 2, from **2174** to **2184** No. 5, from _____ to _____
No. 3, from **2188** to **2198** 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—	
7"	238	8	355	640'	Reg				surface csg
4 1/2"	9.94	6	355	2187'	Flt				prod. csg

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
7"	640'	100	pump & plug		circulate
4 1/2"	2187'	100	pump & plug		circulate

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 **0** feet to **2198 TD** feet, and from _____ feet to _____ feet

DATES

Put to producing **January 23**, 19 **62**The production for the first 24 hours was **41** barrels of fluid of which **97 1/2** % was oil; _____ %
emulsion; **2 1/4** % water; and _____ % sediment. Gravity, °Bé. **18° API**

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

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

Southwestern, Inc., Driller _____, Driller
Lovinston, New Mexico, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	10	10	sand
10	100	90	sandy shale
100	245	145	red shale
245	255	10	sand
255	350	95	red shale
350	415	65	anhydrite
415	425	10	red shale
425	445	20	anhydrite
445	630	185	anhydrite & red shale
630	1780	1150	salt & potash
1780	1940	160	lime & anhydrite
1940	1970	30	sand & anhydrite
1970	1990	20	sand
1990	2000	10	sand & lime
2000	2040	40	sand
2040	2070	30	sand & lime
2070	2080	10	sand
2080	2130	50	sand & lime
2130	2140	10	lime
2140	2165	25	sand & lime
2165	2198 TD	33	lime
FROM—	TO—	DEPTH KEEL	FORMATION

(OVER)

FORMATION RECORD—CONTINUED

