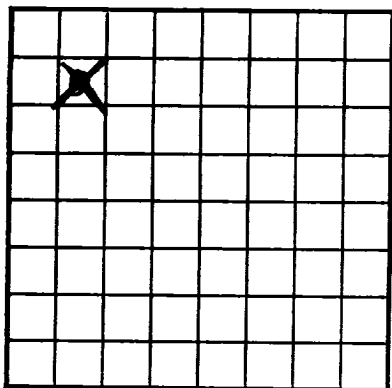
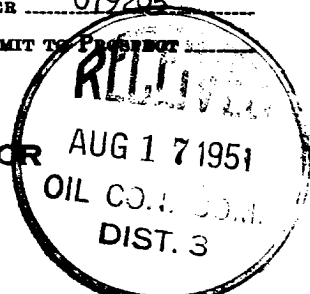


U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 079205
LEASE OR PERMIT TO PRODUCE



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company J. R. Sharp Address Box 813 Farmington, New Mexico
Lessor or Tract Bolack-Federal Field Wildcat State New Mexico
Well No. 1 Sec. 18 T. 28N R. 8W Meridian NMPM County San Juan
Location 290 ft. $\left\{ \begin{smallmatrix} N \\ S \end{smallmatrix} \right\}$ of Line and 990 ft. $\left\{ \begin{smallmatrix} E \\ W \end{smallmatrix} \right\}$ of Line of Sec. 18 Elevation 5781
(Denote foot 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 January 31, 1951 Signed James W. Copeland
Title Driller

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

Commenced drilling November 30, 1950 Finished drilling January 16, 1951

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2150 to 2250 No. 4, from to
No. 2, from 3815 to 4610 No. 5, from to
No. 3, from to No. 6, from to

IMPORTANT WATER SANDS

No. 1, from unknown 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-	
13 3/8	61#	8R	Natl.	109'	Halliburton				Surface Production
	26#	8R	Natl.	3820'					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13 3/8	109'	95	Halliburton	10.5#	Bumped Plug
7	3820'	225	"	"	Pumped bottom plug to 3810.

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
5"	4439-4636	Nitro-Gel	788 qts.	1-12-51	4636	4590
4"	3820-4439	" "	1396 qts.	1-12-51	3880	

TOOLS USED

Rotary tools were used from 0 feet to 3820 feet, and from feet to feet
Cable tools were used from 3820 feet to 4636 feet, and from feet to feet

DATES

Potentialled , 19
Put to producing 1-29-, 1951

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 4,110 MCF Surface Gallons gasoline per 1,000 cu. ft. of gas unknown
Rock pressure, lbs. per sq. in. 1070

EMPLOYEES

Rotary , Driller Cable tools , Driller
Rhea, Davis, Hall , Driller Sherwin, Bean, Nickerson , Driller

FORMATION RECORD

FROM-	TO-	TOTAL FEET	FORMATION
0	1300	1300	Massive hard sharp sand beds with gravel washes and soft sticky shales intermingled.
1300	1850	550	Sands and shales
1850	1950	100	Sands and shales more hard than previous.
1950	2005	55	Sand - Silver?
2005	2050	45	Sands and shales
2050	2100	50	Sand - silver?
2100	2150	50	Shales, carbonaceous shales, and coal.
2150	2230	80	Sandy + Pictured Cliffs
2230	3125	890	Sandy shales and shaley sand.
3125	3145	20	Sand, Marker
3145	3160	15	Shale
3160	3175	15	Sand
3175	3240	65	Shale
3240	3275	35	Sand - Marker
3275	3805	430	Sandy shales and shaley sand
3805	3810	5	Shale
3810	3815	5	Shale and Sand
3815	3830	15	Sand
3830	3850	20	Sand and shale
3850	3865	25	Sandy shale
3865	3915	50	Sand

