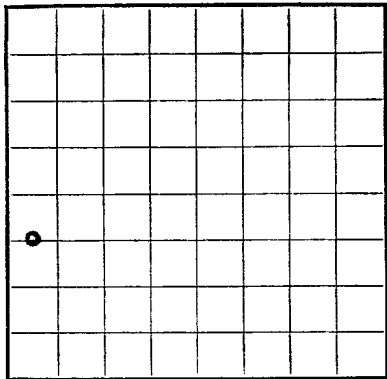




LOCATE WELL CORRECTLY

U. S. G. O. COPY

Copy to S.F.

Form approved.
Budget Bureau No. 42-R355.4.

U. S. LAND OFFICE **Santa Fe, N. Mex.**

SERIAL NUMBER **LC 068712-A**

LEASE OR PERMIT TO PROSPECT

OCT 5 1962

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED
OCT 4 1962
S. Geological Survey
ALBUQUERQUE, NEW MEXICO

LOG OF OIL OR GAS WELL

Company **Ernest A. Hanson & Harold Kersey** Address **P. O. Box 1515, Roswell, New Mexico**
Lessor or Tract **Schram Federal** Field **Red Lake** State **New Mexico**
Well No. **1** Sec. **14** T. **17-S** R. **28-E** Meridian **N.M.P.M.** County **Eddy**
Location **1980** ft. **N** of **S** Line and **330** ft. **E** of **W** Line of **Sec. 14** Elevation **3722**
(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 **Harry P. Schram**

Date **October 3, 1962** Title **Geologist, Ernest A. Hanson**

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

Commenced drilling **August 11**, 19**62** Finished drilling **September 16**, 19**62**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **960** to **966 G** No. 4, from **2026** to **2038**
No. 2, from **1683** to **1692 G** No. 5, from **2066** to **2080 G**
No. 3, from **1734** to **1746** No. 6, from **2169** to **2195**

IMPORTANT WATER SANDS

No. 1, from _____ to **195** 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—	
8-5/8	24	8		497	Float				Surface Production
5-1/2	20	8		2233	Float				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8	497	100	Pump & plug		
5-1/2	2233	100	Pump & plug		

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 **2233** feet, and from _____ feet to _____ feet

DATES

October 3, 19**62** Put to producing **October 1**, 19**62**

The production for the first 24 hours was **136** barrels of fluid of which **100**% was oil; _____% emulsion; _____% water; and _____% sediment. Gravity, °Bé. _____

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

Back pressure, lbs. per sq. in. _____

FOLD MARK

DRILLERS LOG

Hanson & Kersey - #1 Schram Federal
 1980' FSL & 330' FWL
 Sec. 14, T. 17 S., R. 28 E., N.M.P.M.
 Eddy County, New Mexico

Elevation: 3722' DF

Date	Feet	Formation	Remarks
8-11-62	0- 35	Red beds & sand	
8-12-62	135	Red beds & sand	
8-13-62	147	Gravel bed Gyp & red beds	Fresh water @ 195'
8-14-62	255	Gyp & red beds	
8-15-62	260	Anhydrite	WO machine; cleanout 70' cavings
8-16-62	260		Reamed hole; ran 10" @ 147'
8-17-62	260		Pulled 10"; cleaned out to 240' & ran 10" @ 202'
8-18-62	300	Gyp & red beds	Cleaned out 20' cavings
8-19-62	330 355	Gyp & red beds Anhydrite	
8-20-62	470	Anhydrite & salt	
8-21-62	498	Anhydrite & salt	Ran 8-5/8" @ 497 w/50 sx.
8-22-62	498		WOC
8-23-62	498		Drilled out & recemented w/50 sx.
8-24-62	505	Anhydrite	Drilled out plug & cement
8-25-62	555 580 600 625	Anhydrite Salt & anhydrite Anhydrite & lime Anhydrite	
8-26-62	660 725	Anhydrite & lime Anhydrite & red rock	
8-27-62	770 825	Anhydrite, red rock & lime Anhydrite, red rock & shale	
8-28-62	910	Anhydrite	
8-29-62	958 990	Anhydrite Brown lime & anhydrite	Trace of gas @ 960-966'
8-30-62	1080	Anhydrite	
8-31-62	1160	Anhydrite & shells	Hole makes approx. 1/4 bailer water per hr.
9-1-62	1236 1245	Anhydrite & brown lime Anhydrite & red sand	

Date	Feet	Formation	Remarks
9-2-62	1245-1265 1350	Red sand Anhydrite & sand	
9-3-62	1445	Anhydrite	
9-4-62	1465 1490 1505	Anhydrite Red sand Anhydrite & lime	
9-5-62	1585	Anhydrite & gray lime	
9-7-62	1615 1637 1655	Anhydrite & lime Red sand & anhydrite Anhydrite	
9-8-62	1675 1702 1755	Anhydrite Sandy broken lime Anhydrite & red sand	Small stain & gas @ 1683-1692' Dead scum & gas @ 1734-1746'
9-9-62	1800 1815 1835	Anhydrite & red sand Anhydrite Anhydrite & sand	
9-10-62	1906 1920	Anhydrite & shale Gray lime	
9-11-62	1957 1980	Lime Sandy lime	
9-12-62	2013	Lime	
9-13-62	2026 2038 2066	Lime Brown sand Lime & sandy lime	SO @ 2026-38'; tested approx. 2 gal. per hr.
9-14-62	2080 2125	Sand & lime (gas) Sandy lime & anhydrite	SG @ 2066-80'
9-15-62	2169	Pink & gray lime	Tested 1 gal oil per hr. @ 2142'
9-16-62	2202 2233	Red sand & shale White lime	SG @ 2169-85' New oil @ 2185-95' Tested 1 gal oil per hr.
9-17-62	2233		Total depth. 75' fluid in hole; logged well