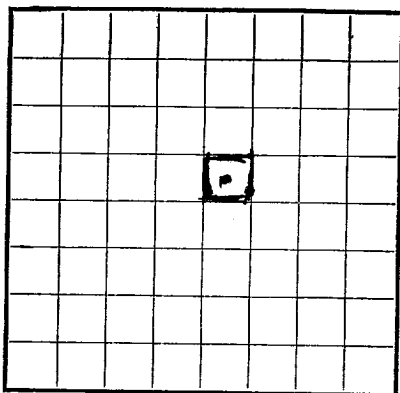
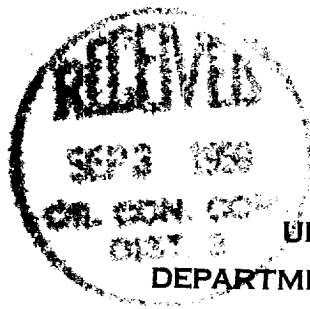




LOCATE WELL CORRECTLY

U. S. LAND OFFICE Santa Fe, N.M.
SERIAL NUMBER S.F. 078676-1
LEASE OR PERMIT TO PROSPECT _____UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYRECEIVED
SEP 2 1959
U. S. GEOLOGICAL SURVEY
FARMINGTON, NEW MEXICO

LOG OF OIL OR GAS WELL

Company J. I. Harvey Address 439 Camino del Monte Sol, Santa Fe, N.M.
Lessor or Tract _____ Field Wildcat State New Mex.
Well No. 4 Sec. 21 T. 18N. R. 3W. Meridian NMPM County Sandoval County
Location 2310 ft. N. of _____ Line and 2310 ft. E. of _____ Line of _____ Elevation 6779
(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 August 25, 1959

Signed _____

Title OperatorThe summary on this page is for the condition of the well at above date By Jack E. Ward.Commenced drilling August 5, 1959 Finished drilling August 12, 1959

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 849 to 854 No. 4, from _____ to _____
No. 2, from _____ to _____ No. 5, from _____ to _____
No. 3, from _____ to _____ 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—	
<u>8 5/8</u>				<u>22 feet</u>					<u>Surface</u>
HISTORY OF OIL OR GAS WELL									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
	<u>1375</u>	<u>100 feet plug</u>			
	<u>754 to 854</u>	<u>100 feet</u>			
	<u>10 feet at surface</u>		<u>Pumped</u>		
		<u>Total 22 sacks cement</u>			

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 0 feet to 1375 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

August 5, 1959Put to producing Plugged Aug. 12, 1959The 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. _____

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

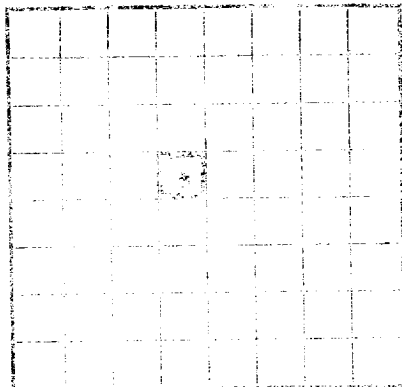
Rock pressure lbs. per sq. in. _____

LOG OF OIL OR GAS WELL

GEOLOGICAL SURVEY

DEPARTMENT OF THE INTERIOR

UNITED STATES



LOCATE WELL CORRECTLY

Company Name _____
Address _____
State _____
Well No. _____
Location _____
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.

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together
with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was
"sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, position, and number
of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or balling.

OIL OR GAS SANDS OR LENSES

Depth, feet	Formation	Remarks
1150	60% bentonite, 20% sand	
1160	60% bentonite, 20% sand	
1170	60% bentonite, 20% sand	
1180	60% bentonite, 20% sand	
1190	60% bentonite, 20% sand	
1200	60% bentonite, 20% sand	
1210	60% bentonite, 20% sand	
1220	60% bentonite, 20% sand	
1230	60% bentonite, 20% sand	
1240	60% bentonite, 20% sand	
1250	60% bentonite, 20% sand	
1260	60% bentonite, 20% sand	
1270	60% bentonite, 20% sand	
1280	60% bentonite, 20% sand	
1290	60% bentonite, 20% sand	
1300	60% bentonite, 20% sand	
1310	60% bentonite, 20% sand	
1320	60% bentonite, 20% sand	
1330	60% bentonite, 20% sand	
1340	60% bentonite, 20% sand	
1350	60% bentonite, 20% sand	
1360	60% bentonite, 20% sand	
1370	60% bentonite, 20% sand	
1380	60% bentonite, 20% sand	
1390	60% bentonite, 20% sand	
1400	60% bentonite, 20% sand	
1410	60% bentonite, 20% sand	
1420	60% bentonite, 20% sand	
1430	60% bentonite, 20% sand	
1440	60% bentonite, 20% sand	
1450	60% bentonite, 20% sand	
1460	60% bentonite, 20% sand	
1470	60% bentonite, 20% sand	
1480	60% bentonite, 20% sand	
1490	60% bentonite, 20% sand	
1500	60% bentonite, 20% sand	

HISTORY OF OIL OR GAS WELL

Depth, feet	Formation	Remarks
410	Dark shale	
420	Dark shale	
430	Dark shale	
440	Dark shale	
450	Dark shale	
460	Dark shale	
470	Dark shale	
480	Dark shale	
490	Dark shale	
500	Dark shale	
510	Dark shale	
520	Dark shale	
530	Dark shale	
540	Dark shale	
550	Dark shale	
560	Dark shale	
570	Dark shale	
580	Dark shale	
590	Dark shale	
600	Dark shale	
610	Dark shale	
620	Dark shale	
630	Dark shale	
640	Dark shale	
650	Dark shale	
660	Dark shale	
670	Dark shale	
680	Dark shale	
690	Dark shale	
700	Dark shale	
710	Dark shale	
720	Dark shale	
730	Dark shale	
740	Dark shale	
750	Dark shale	
760	Dark shale	
770	Dark shale	
780	Dark shale	
790	Dark shale	
800	Dark shale	
810	Dark shale	
820	Dark shale	
830	Dark shale	
840	Dark shale	
850	Dark shale	
860	Dark shale	
870	Dark shale	
880	Dark shale	
890	Dark shale	
900	Dark shale	
910	Dark shale	
920	Dark shale	
930	Dark shale	
940	Dark shale	
950	Dark shale	
960	Dark shale	
970	Dark shale	
980	Dark shale	
990	Dark shale	
1000	Dark shale	
1010	Dark shale	
1020	Dark shale	
1030	Dark shale	
1040	Dark shale	
1050	Dark shale	
1060	Dark shale	
1070	Dark shale	
1080	Dark shale	
1090	Dark shale	
1100	Dark shale	
1110	Dark shale	
1120	Dark shale	
1130	Dark shale	
1140	Dark shale	
1150	Dark shale	
1160	Dark shale	
1170	Dark shale	
1180	Dark shale	
1190	Dark shale	
1200	Dark shale	
1210	Dark shale	
1220	Dark shale	
1230	Dark shale	
1240	Dark shale	
1250	Dark shale	
1260	Dark shale	
1270	Dark shale	
1280	Dark shale	
1290	Dark shale	
1300	Dark shale	
1310	Dark shale	
1320	Dark shale	
1330	Dark shale	
1340	Dark shale	
1350	Dark shale	
1360	Dark shale	
1370	Dark shale	
1380	Dark shale	
1390	Dark shale	
1400	Dark shale	
1410	Dark shale	
1420	Dark shale	
1430	Dark shale	
1440	Dark shale	
1450	Dark shale	
1460	Dark shale	
1470	Dark shale	
1480	Dark shale	
1490	Dark shale	
1500	Dark shale	