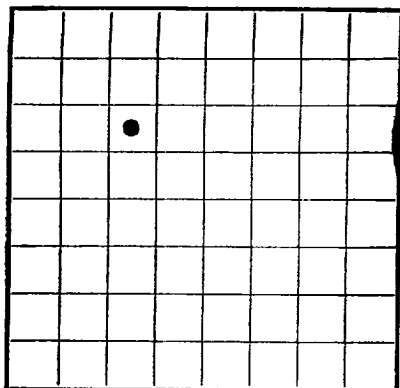
U. S. LAND OFFICE **Santa Fe**
SERIAL NUMBER **MM 05133**
LEASE OR PERMIT TO PROSPECTUNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Ray Mcullothin Address 365 Petroleum Bldg., Abilene, Texas
Lessor or Tract Federal Field Wildcat State New Mexico
Well No. 1 Sec. 22 T. 21N R. 3E Meridian NMM County San Juan
Location 1922 ft. [N] of A Line and 1900 ft. [E] of A Line of Sec. Elevation 6554
(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 J. J. LillyDate June 18, 1960Title Agent

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

Commenced drilling June 8, 1960 Finished drilling June 16, 1960

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from None to _____ 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 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—	
<u>8-5/8</u>	<u>24</u>	<u>8-R</u>	<u>Metl</u>	<u>126'</u>	<u>Texas</u>				
If it is of the greatest importance to have a complete history of the well, please state in detail the date of recording, together with the reasons for the work and its results. If there were any changes made in the casing, state in detail if such casing was changed, or left in the well, and its use and location. If any plugs or adapters were put in to seal or assist in the running of the well, state in detail the location and use of each plug or adapter.									
HIS LOG IS 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>8-5/8</u>	<u>126'</u>	<u>100 2 1/2 G-612</u>	<u>Halliburton</u>	<u>9.5</u>	

PLUGS AND ADAPTERS

Heaving plug—Material 60 sacks Length _____ Depth set 3700-3600
Adapters—Material _____ Size 2800-2700

SHOOTING RECORD

0- 100

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 _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing _____, 19____

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

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

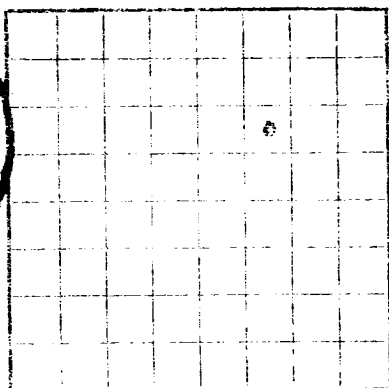
Gardner Hvac. Drilling Co., Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	245	245	shale
245	273	28	coal
273	400	127	sand
400	508	188	shale
508	985	397	sand
985	2585	1600	sand, shale & coal
2585	2696	111	sand
2696	3230	534	shale
3230	3467	437	shale & thin sand streaks
3467	3880	213	sand, shale & sandy shale
			Top Pictured Cliffs
			" Lewis shale 273
			" Mesavada (Charco) 410
			" Allison (Mamfoc) 508
			" Hoota (Point Lookout) 985
			" Hansen 2585
			" Gallup 2696
			" 3467
			Plugged & Abandoned
			Cement plugs 3700-3600 21 sacks
			2700-2800 21 sacks
			0- 100 26 sacks
			Set 1" marker in surface casing - location of well welded on same.

LOG OF OIL OR GAS WELL

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



LOCATE WELL CORRECTLY

Company _____
Lessor or Tract _____
Well No. _____
Location _____
The information given herewith is a complete and correct record of the well and all work done thereon
as far as can be determined from all available records.
Signed _____
Date _____
Title _____

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

Commenced drilling _____ 19____
Finished drilling _____ 19____

OIL OR GAS SANDS OR ZONES

(Describe gas oil)

No. 1 from _____ to _____
No. 2 from _____ to _____
No. 3 from _____ to _____

IMPORTANT WATER SANDS

No. 1 from _____ to _____
No. 2 from _____ to _____

CASING RECORD

Casing	Weight per foot	Threads per foot	State	Amount	Kind of pipe	Lot and paid for	Remarks

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, size, 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 bailing.

HISTORY OF OIL OR GAS WELL

16-43064-2 U. S. GOVERNMENT PRINTING OFFICE

MUDGING AND CEMENTING RECORD

Casing	Weight per foot	Threads per foot	State	Amount	Kind of pipe	Lot and paid for	Remarks

PLUGS AND ADAPTERS

Heaving plug _____
Adapter _____

SMOOTHING RECORD

Size	Weight per foot	Threads per foot	State	Amount	Kind of pipe	Lot and paid for	Remarks

TOOLS USED

Rotary tools were used from _____ to _____
Cable tools were used from _____ to _____

DATES

Run to bottom _____
The production for the first 24 hours was _____
It gas well out for 24 hours _____
Rock pressure has been in _____

EMPLOYEES

Driller _____
Helper _____

FORMATION RECORD

FROM-	TO-	TOTAL FEET	FORMATION
0	20	20	fine sand
20	40	40	fine sand
40	60	60	fine sand
60	80	80	fine sand
80	100	100	fine sand
100	120	120	fine sand
120	140	140	fine sand
140	160	160	fine sand
160	180	180	fine sand
180	200	200	fine sand
200	220	220	fine sand
220	240	240	fine sand
240	260	260	fine sand
260	280	280	fine sand
280	300	300	fine sand
300	320	320	fine sand
320	340	340	fine sand
340	360	360	fine sand
360	380	380	fine sand
380	400	400	fine sand
400	420	420	fine sand
420	440	440	fine sand
440	460	460	fine sand
460	480	480	fine sand
480	500	500	fine sand
500	520	520	fine sand
520	540	540	fine sand
540	560	560	fine sand
560	580	580	fine sand
580	600	600	fine sand
600	620	620	fine sand
620	640	640	fine sand
640	660	660	fine sand
660	680	680	fine sand
680	700	700	fine sand
700	720	720	fine sand
720	740	740	fine sand
740	760	760	fine sand
760	780	780	fine sand
780	800	800	fine sand
800	820	820	fine sand
820	840	840	fine sand
840	860	860	fine sand
860	880	880	fine sand
880	900	900	fine sand
900	920	920	fine sand
920	940	940	fine sand
940	960	960	fine sand
960	980	980	fine sand
980	1000	1000	fine sand