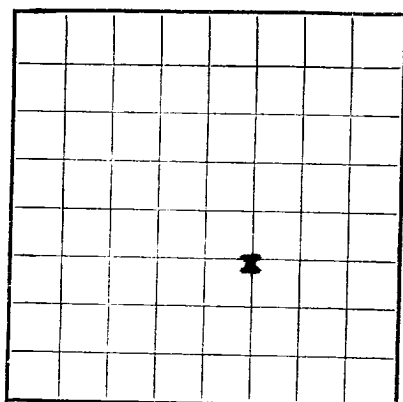


U. S. LAND OFFICE **Santa Fe, N.M.**SERIAL NUMBER **NM-039256**

LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company **T.J. Sivley** Address **Box 1208, Artesia, New Mex**
Lessor or Tract **Caswell Silver** Field **Lynch Ext.** State **New Mexico**
Well No. **1** Sec. **28** T. **30** R. **34E** Meridian **NM2M** County **Lea**
Location **1980** ^(N.) of **S** Line and **1980** ^(E) of **R** Line of **Sec. 28** Elevation **3713** ^(Derrick floor relative to sea level) **DF**

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.P. Sivley**Date **1/8/59** **59**Title **Operator**

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

Commenced drilling **11/17**, 19 **58** Finished drilling **1/8**, 19 **59**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **3717** to **3720** 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—	
8-5/8	24#	8rpd	Sals	1675'	Guide				Surface
5-1/2	14#	8rpd	J-55	3585'	Packer Float Shoe				Salt Prot. and Prod.

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8	1675'	400 Saks	Halliburton - Cement	12' from Surface	
5-1/2	3585'	700 Saks	"	Circulated to Surface,	

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 **1675** feet, and from _____ feet to _____ feet
Cable tools were used from **1675** feet to **3720** feet, and from _____ feet to _____ feet

DATES

_____, 19 _____ Put to producing **1/8**, 19 **59**

The production for the first 24 hours was **51** barrels of fluid of which **100**% was oil; **0**% emulsion; **0**% water; and **0**% sediment. Gravity, °Bé. **30.3**

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

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

M.A. Lapsley, Driller **BUCK DEWENTZ**, Driller
Dell Walter, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	250	250	Surface Sands Calachie & Red Beds
250	409	159	Red Beds & Red Rock
409	800	391	Red Beds
800	1050	250	Red Rock and Anyh
1050	1634	584	Red Beds and Anyh. Shells
1634	1675	41	Red Rock and Anyh.
1675	1710	35	Anhydrite
1710	1775	65	Salt
1775	2210	445	Salt & Anyh. Stringers
2210	2342	132	Salt & Polly
2342	2470	128	Salt, Anyh. & Polly
2470	3283	813	Salt-Anyh.
3283	3302	19	Anyh.
3302	3485	183	Anyh & Lime
3485	3552	67	Anyh. & Broken Lime
3552	3575	23	Sand & Anyh.
3575	3604	29	Anyh. & Lime
3604	3619	15	Sand
3619	3714	95	Lime
3714	3719	05	Sharp Sand- SLM - 3719 -- 3705' L.W.
3705	3709	04	Lime and Sand
3709	3720	11	Lime - Oil

2 Copies of Sample Analysis - Raymond Lamb. Top Salt - 1710

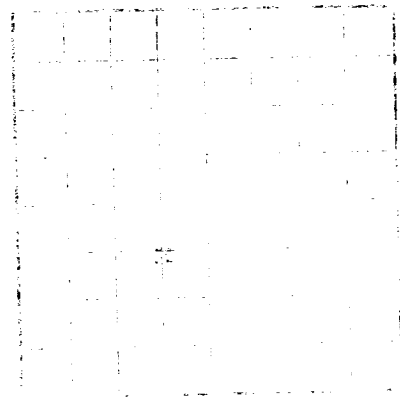
2 Copies Log-wells, Gamma Ray-Neutron, Base " - 3280

Hole, Calipers and Acoustilog - Enclosed. Top Yates - 3474

1. Name of well
2. Location
3. Date of completion

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL LOG



1. Name of well
2. Location
3. Date of completion
4. Name of operator
5. Name of recorder

6. Purpose of well
7. Depth of well
8. Diameter of well

9. Nature of formation
10. Nature of water

11. Nature of gas
12. Nature of oil

13. Nature of sand
14. Nature of gravel

15. Nature of clay
16. Nature of shale

17. Nature of limestone
18. Nature of dolomite

19. Nature of granite
20. Nature of gneiss

21. Nature of schist
22. Nature of mica

23. Nature of amphibole
24. Nature of quartz

25. Nature of feldspar
26. Nature of calcite

27. Nature of pyrite
28. Nature of hematite

29. Nature of magnetite
30. Nature of pyrrhotite

31. Nature of arsenopyrite
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