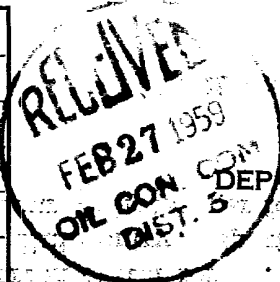
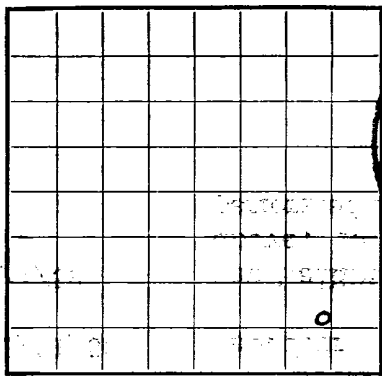


U. S. LAND OFFICE Santa Fe, N.M.
SERIAL NUMBER NM 02691
LEASE OR PERMIT TO PROSPECT _____



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
RECEIVED
FEB 26 1959
U. S. GEOLOGICAL SURVEY
FARMINGTON, NEW MEXICO

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Alex N. Campbell Address 3723-B Wilshire Blvd. Los Angeles 5, California
Lessor or Tract _____ Field Wildcat State New Mexico
Well No. 1 Sec. 23 T. 27N R. 12W Meridian N.M.P.M. County San Juan
Location 790 ft. N of S Line and 790 ft. E of E Line of Section 23 Elevation K.B. 5973'
G.T. 5981'
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 Alex N. Campbell
Date January 16, 1959 Title _____

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

Commenced drilling December 2, 1958 Finished drilling January 3, 1959

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

G No. 1, from 6074 to 6086 No. 4, from _____ to _____
G No. 2, from 6094 to 6114 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#	8 rd.	Nat'l	236'	Plain				Surface
5 1/2"	15.50#	8 Rd.	Nat'l	6256'	Float		6074	6086	Production
						and	6094	6112	Production

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8"	236'	100	Perkins		
5 1/2"	6256'	200	Perkins	9.8#	150 barrels, to displace cement, above top plug.

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____
Adapters—Material _____ Six Baffleplate in 5 1/2" at 6228', not drilled out.

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Rotary tools were used from Surface feet to 6256 feet and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing SHUT IN, 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. _____

Contractor :

Carroll Drilling Company
Farmington, New Mexico

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION	Sub-sea Datum
Surface			Tertiary (Ground Level)	✓ 5961
Surface	400	400	Tertiary (Add 12' for K.B. Elevation)	
400	1470	1070	Kirtland	✓ 5573
1470	1648	178	Pictured Cliffs	✓ 4503
1648	2373	725	Lewis	✓ 4325
2373	3935	1562	Cliff House-Menefee	✓ 3610
3935	4155	220	Point Lookout	✓ 2038
4155	5150	995	Upper Mancos	✓ 1818
5150	5453	303	Gallup	✓ 823
5453	5545	112	Middle Mancos	✓ 520
5545	5697	152	Sanastee	✓ 408
5697	5918	221	Lower Mancos	✓ 276
5918	5973	55	Greenhorn	✓ 55
5973	6035	62	Graneros	0
6035	6250	215	Dakota	- 62
6250	6256		Morrison	- 277
TOTAL DEPTH		6256'		- 283

History (Continued)

RECEIVED

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LOGICAL SURVEY
NEW MEXICO

- 1/2/59 Fractured through perforations from 6074' to 6086' and 6094' to 6112', with 32,610 gallons water and 35,000# of 40 - 60 mesh sand. Breakdown pressure from 2500# to 900#. Treating pressures, maximum 2600#, minimum 2400#, final 1275#. Time 20 minutes. Average injection rate 48.5 bbls/minute.
- 1/2/59 - 1/3/59 Blew well to clean out.
- 1/3/59 Ran tubing to 6068'.
- 1/4/59 - 1/7/59 Blew well down to clean out; each day.
- 1/8/59 Made one (1) day shut-in flow test. Following a three (3) hour flow through 3/4" choke, calculated Open Flow (Aof) was 4,921 mcf/day. Using gas-oil ratio equipment, well made 6.8 bbls. oil, trace water, with 144 mcf gas, for a ratio of 47 bbls/Milcf. One (1) day shut-in pressures; Casing 1914 p.s.i.a., tubing 1897 p.s.i.a.. Subsequent seven (7) day shut-in pressures: Casing 1947 p.s.i.a., Tubing 1928 p.s.i.a..
- WELL SHUT IN THIS DATE.

