

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 078214
LEASE OR PERMIT TO PROSPECT 22-5

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Southern Union Production Co. Address P. O. Box 808 - Farmington, N.M.
Lessor or Tract McCord Field Basin Dakota State New Mexico
Well No. 4 Sec. 22 T. 30-N R. 19-W Meridian N.M.P.M. County San Juan
Location 1770 ft. S. of N. Line and 1500 ft. E. of S. Line of Sec. 22 Elevation 5717
(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 Thomas E. Fenno Original signed by THOMAS E. FENNO

Date December 23, 1962

Title Ass't. Dir. Supt.

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

Commenced drilling December 1, 19 62 Finished drilling December 15, 19 62

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 6356 to 6368 (3) No. 4, from 6250 to 6260 (1)
 No. 2, from 6330 to 6346 (1) No. 5, from _____ to _____
 No. 3, from 6308 to 6313 (5) No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____

No. 2, from _____ to _____

No. 3, from _____ to _____

No. 4, from _____ to _____

CASING RECORD

[illegible]

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
3-5/8	280	205	Pump		
4-1/2	6478	512	Pump		

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 6130 feet, and from _____ feet to _____ feet

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

DATES

January 2, 1962 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 ----- 1,395 ----- Gallons gasoline per 1,000 cu. ft. of gas -----

Rock pressure, lbs. per sq. in. ----- 1805 CASE = 6.536 MPD

1078 **EMPLOYEES** 1079

_____, Driller

J. Eave

_____, Driller

J. Carroll

_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	370	370	Tertiary
370	1510	1140	Cretaceous
1510	1800	290	Fruitland
1800	1860	60	Pictured Cliff
1860	3280	1420	Lewis
3280	3410	130	Cliff House
3410	4070	660	Honefue
4070	4440	370	Point Lookout
4440	5380	940	Manicos
5380	6135	755	Gallup
6135	6245	110	Greenhorn
6245	6480	235	Dakota

