

U. S. LAND OFFICE **Santa Fe**SERIAL NUMBER **078100 A**

LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company **Compass Exploration, Inc.** Address **101 University Boulevard**
Denver 6, Colo.
Lessor or Tract **Warren** Field **Basin-Dakota** State **New Mexico**
Well No. **1-19** Sec. **19** T. **27N** R. **12W** Meridian **NMPN** County **San Juan**
Location **900** ft. **N** of **1** Line and **1000** **W** of **2** Line of **Section 19** Elevation **5777** KB
(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

*P. J. Farrelly*Date **November 27, 1961**Title **Chief Geologist**

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

Commenced drilling **1-24**, 19 **61** Finished drilling **2-4**, 19 **61**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **None** to **None** No. 4, from **None** to **None**
No. 2, from **None** to **None** No. 5, from **None** to **None**
No. 3, from **None** to **None** No. 6, from **None** to **None**

IMPORTANT WATER SANDS

No. 1, from **None** to **None** No. 3, from **None** to **None**
No. 2, from **None** to **None** No. 4, from **None** to **None**

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	24.0	8.0	Domblows 210'	Tex					Surface
4-1/2	11.0	8.0	Domblows 6054'	Larkin 2070					Production

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8	228'	175 sx	Displacement		
4-1/2	6050	200 sx	Displacement		

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
1-1/2"	Jets C	4 shots/foot	From 5726	- 5884		

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from **surface** feet to **6054 (TD)** feet, and from _____ feet to _____ feet

DATES

_____, 19 **61** 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

Arapahoe Drilling Company, Driller _____, Driller _____
_____, Driller _____, Driller _____

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1195'	1195'	Tertiary & Tertiary-Cretaceous Sands & Shales
1195'	1288'	93'	Pictured Cliffs
1288'	2073'	785'	Lewis
2073'	3964'	1891'	Mesaverde
3964'	4785'	821'	Upper Mancos
4785'	5303'	518'	Gallup
5303'	5628'	325'	Lower Mancos
5628'	5678'	50'	Greenhorn
5678'	5726'	48'	Graneros
5726'	6054' (TD)	328'	Dakota

