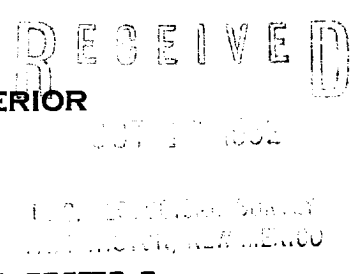




U. S. LAND OFFICE **Navajo**
SERIAL NUMBER **14-20-603-4904**
LEASE OR PERMIT TO PROSPECT

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UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company **Compass Exploration, Inc.** Address **101 University Blvd., Denver, Colo.**
Lessor or Tract **Indian** Field **Horseshoe-Canyon** State **New Mexico**
Well No. **4-1** Sec. **1** T. **30N** R. **16W** Meridian **NMPM** County **San Juan**
Location **660** ft. **N** of **N** Line and **660** ft. **E** of **W** Line of **Section 1** Elevation **5560'GL**
(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 *R. J. Farrelly*
Title **Chief Geologist**

Date **October 15, 1962**

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

Commenced drilling **4/17**, 19 **62** Finished drilling **4/23**, 19 **62**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **1475** to **1749** 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	
7-5/8"	26.4	8	REG	100	REG	Surface			Surf casing
5-1/2"	14.7	8	REG	1475	REG	1475			Production tubing
2-3/8"	4.8	8	REG	10	Perf. Nipple				Perforation

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
7-5/8"	99'	24 Reg	Displacement	--	--
5-1/2"	1475	100 Reg	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
Well completed in open hole interval 1475-1749						
Frac with 39,800 gal oil, 35,000# sand						
AIR 61.3 B/Min. 500# TP						

TOOLS USED

Rotary tools were used from **Surface** feet to **1749** feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

Put to producing _____, 19_____
The production for the first 24 hours was **5** barrels of fluid of which **100**% 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

Stone Drilling Company, Driller _____, Driller
L. F. Stone, Toolpusher, _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
Surface	80'	80'	Pt. Lookout -- sandstone
80'	1540'	1460'	Upper Mancos -- shale w/some siltstone
1540'	1749'(TD)	209'	Gallup -- sandstone, siltstone & shale