

5 USGS
 2 Compass- Denver
 1 Compass - Farmington
 1 El Paso Products
 1 File

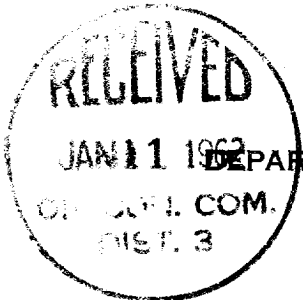
Form approved.
 Budget Bureau No. 42-R355.4.

Form 9-330

U. S. LAND OFFICE Santa Fe

SERIAL NUMBER SF 079161

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 Blvd, Denver, Colorado
 Lessor or Tract Federal Field Basin State New Mexico
 Well No. 1-3 Sec. 3 T. 26N R. 7W Meridian 10N County Chippewa
 Location 1820 ft. [N] of S Line and 1820 ft. [E] of W Line of Sec. 3 Elevation 6595
(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 Original signature T. A. Dugan

Date 1-3-62 Title Engineer

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

Commenced drilling 7-20-61, 19 61 Finished drilling 8-14, 19 61

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 6592 to 6598 G No. 4, from _____ to _____
 No. 2, from 7104 to 7326 G 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-	
<u>9 5/8</u>	<u>32.75</u>	<u>8 R</u>	<u>CW</u>	<u>212</u>	<u>Teak Pattern</u>				
<u>5 1/2</u>	<u>25.5</u>	<u>8 R</u>	<u>CPBI</u>	<u>7421</u>	<u>Guide</u>				
<u>1 1/2</u>	<u>2.75</u>	<u>10 F</u>	<u>Arloc</u>	<u>7260</u>					
<u>2 1/16</u>	<u>3.25</u>	<u>10 F</u>	<u>Arloc</u>	<u>6620</u>					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>9 5/8</u>	<u>219</u>	<u>150</u>	<u>pump-plug</u>		
<u>5 1/2</u>	<u>7415</u>	<u>1244 Cu.ft.</u>	<u>Pump-plug</u>		

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
<u>Dakota</u>	<u>74,000# sand,</u>	<u>105,482 gal water</u>				
<u>Gallup</u>	<u>17,000# sand,</u>	<u>39,200 gal oil</u>				

TOOLS USED

Rotary tools were used from surface feet to 7410 feet, and from _____ feet to _____ feet
 Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

9-12, 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 2,589,000 Gallup gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. 4,385,000 Dakota C.A.O.F. 3058 Gallup
1625 Gallup
2405 Dakota
5686 Dakota

Huron Drilling Co., Driller T. A. Dugan, Engineer
Pete Farrelly, Driller Dr. _____, Driller

FORMATION RECORD

FROM-	TO-	TOTAL FEET	FORMATION
			<u>Pictured Cliffs</u> <u>2760</u>
			<u>Lewis</u> <u>2865</u>
			<u>Cliffhouse</u> <u>4475</u>
			<u>Manefee</u> <u>4570</u>
			<u>Point Lookout</u> <u>5090</u>
			<u>Mancos</u> <u>5215</u>
			<u>Gallup</u> <u>6396</u>
			<u>Greenhorn</u> <u>6990</u>
			<u>Graneros</u> <u>7050</u>
			<u>Dakota</u> <u>7195</u>

