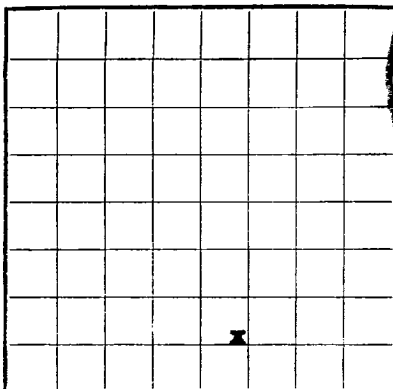




LOCATE WELL CORRECTLY

*State*U. S. LAND OFFICE _____
SERIAL NUMBER _____
LEASE OR PERMIT TO PROSPECT _____14-20-1b1-46
Ute Mountain Agency
Towaas, ColoradoUNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**RECEIVED**

JAN 2 1963

LOG OF OIL OR GAS WELL

S.W. 1/4 Sec. 16, T. 31N, R. 16W, Meridian N.M.P.M., County San Juan, Durango, COLO.

4706 North 32nd. Place
Phoenix, ArizonaCompany Malette Martin Address _____
Lessor or Tract Southern Union Field Verde Gallup State New Mexico
Well No. 1 Sec. 16 T. 31N R. 16W Meridian N.M.P.M. County San Juan
Location 660 ft. N of S Line and 1980 ft. W of E Line of Section 16 Elevation 5734
(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 E. A. ClementDate December 26, 1962 Title Agent & Consulting Geologist

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

Commenced drilling October 24, 1962, 19 Finished drilling November 24, 1962, 19**OIL OR GAS SANDS OR ZONES**

(Denote gas by G)

No. 1, from 1909 to 1950 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 220 to 255 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>7"</u>	<u>25 1/2</u>	<u>8</u>	<u>Used</u>	<u>781</u>	<u>Baker</u>	<u>---</u>	<u>---</u>	<u>---</u>	<u>Surf. casing</u>
<u>4 1/2"</u>	<u>9.8 1/2</u>	<u>8</u>	<u>New</u>	<u>1837</u>	<u>Baker</u>	<u>---</u>	<u>---</u>	<u>---</u>	<u>Prod. casing</u>
<u>2 3/8"</u>	<u>6.5 1/2</u>	<u>8</u>	<u>Used</u>	<u>1987</u>	<u>--</u>	<u>--</u>	<u>--</u>	<u>--</u>	<u>Prod. tubing</u>

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>7"</u>	<u>721</u>	<u>120</u>	<u>Pumped</u>		
<u>4 1/2"</u>	<u>1837</u>	<u>100</u>	<u>Pumped</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>Sand oil fractured on Nov. 19, 1962 with 27, 846 gal oil and 30,000 lb. sand. Formation broke down at 1300 psi; well treated at 1300 psi; injection rate 36 BPM. Flushed with 2100 gal oil. All lost oil was recovered by 12-16-62.</u>						

TOOLS USEDRotary tools were used from 0 feet to 2010 feet, and from _____ feet to _____ feetCable tools were used from completion feet to _____ feet, and from _____ feet to _____ feet**DATES**_____ December 26, 1962 Put to producing _____ December 16, 1962The production for the first 24 hours was 49 barrels of fluid of which 100% was oil; 0% emulsion; 0% water; and 0% sediment. Gravity, °Bé. 40

If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

EMPLOYEES_____, Driller _____ Carl E. Harmon _____, Driller

_____, Driller _____ _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>222</u>	<u>222</u>	<u>Mancos shale; Dark grey to black shales with occasional coal beds and white to grey, fine-med. sandstone</u>
<u>222</u>	<u>730</u>	<u>508</u>	<u>Point Lookout sandstone; Fine to med., grey, S&P, hard sandstone.</u>
<u>730</u>	<u>1908</u>	<u>1178</u>	<u>Mancos shale; Black to dark grey, silty shale with occasional bed of fine, tite, silty sandstone.</u>
<u>1908</u>	<u>1950</u>	<u>42</u>	<u>Tecito sandstone; (sand lense within Mancos shale), lt. grey, fine to med., porous sandstone</u>
<u>1950</u>	<u>2010 (TD)</u>	<u>50</u>	<u>Mancos shale (as above)</u>

