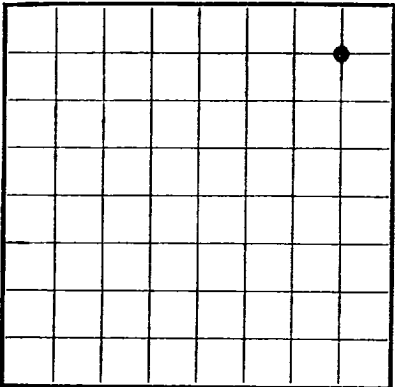


U. S. LAND OFFICE Ignacio, Colorado

SERIAL NUMBER 14-20-604-119

LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company FUDCO PETROLEUM CORP. Address 106 West Chuaska, Artec, New Mexico
Lessor or Tract Mountain Ute Field Verde-Callup State New Mexico
Well No. 19-1 Sec. 19 T. 31N R. 14W Meridian N.M.P.M. County San Juan
Location 660 ft. of N Line and 660 ft. of W Line of Section 19 Elevation 5684
(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 Amos E. Williams

Date August 12, 1957 Title Dist. Geol.

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

Commenced drilling July 18, 1957 Finished drilling July 30, 1957

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2652 to 2750 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—	
8 5/8	28	8	CP&I	95.01	none				Surface
5 1/2	14	8	CP&I	2652-2750	plug				Production
2 3/8	8	8	CP&I	2750	plug				Flowline

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	107	100 sac regular	circulated		
5 1/2	2652	30 sac reg, 30 cu.ft. stratacrete, 6% gel	2 plug		
2 3/8	2745				

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
Sand-oil frac 2652-2750 (open hole) w/ 40,400 gals oil and 20,000# sand						
BD 600 psi; TP 400 Psi; IT 39 BPM						

TOOLS USED

Rotary tools were used from Surface feet to 2652 feet, and from _____ feet to _____ feet
Cable tools were used from 2652 feet to 2750 feet, and from _____ feet to _____ feet

DATES

August 12, 1957 Put to producing August 9, 1957

The production for the first 24 hours was see below barrels of fluid of which 100% was oil; 0% emulsion; 0% water; and 0% sediment. Gravity, °Bé. 41.5°

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

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

H. R. Mullins, Driller Lee F. Barbee, Driller
A. Y. Old, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
Surface	1480	1480	Lewis-Mesa Verde
1480	2665	1185	Mancos
2665	2750	85	Callup

IP: 326 BOPD, based on last six hours of 12-hour swab test (frac oil)

IP: 129.73 BOPD on pump -- pump capacity

