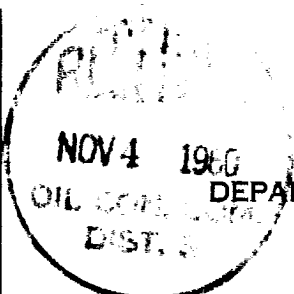


U. S. LAND OFFICE **Santa Fe**
SERIAL NUMBER **020504**
LEASE OR PERMIT TO PROSPECT



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Pubco Petroleum Corporation Address Box 1419, Albuquerque, New Mexico
 Lessor or Tract Federal Field Unde. Dakota State New Mexico
 Well No. 6-B Sec. 6 T. 29N R. 11W Meridian NMPM County San Juan
 Location 990 ft. NE of N Line and 1650 ft. SE of E Line of Section 6 Elevation 5813

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 _____
Date **November 2, 1960** Title **District Geologist**

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

Commenced drilling September 27 19 60 Finished drilling October 14 19 60

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **6450** to **6630 G** No. 4, from _____ to _____
 No. 2, from **3695** to **3755 G** No. 5, from _____ to _____
 No. 3, from **2000** to **2040 G** No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____

No. 2 from _____ to _____

No. 3, from _____ to _____

No. 4 from _____ to _____

CASING RECORD

[illegible]

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10 3/4	209	200 21 GsCl	circulated		
5 1/2	6681	250 50-50 Pozmix, 40 two plug MFP, 41 GsCl through shoe, 100 ex 50-50 Pozmix, 21 GsCl through DV tool @ 2198			

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-water frac through perfs (4 jets/ft 6458-6472, 6523-6560 & 2 bullets/ft. 6464-6470 & 6530-6540) w/100,000 gal gelled water, 1% CaCl ₂ ; 80,000 pounds sand (20-40); RD 2150, Max treating pressure 2350, min TP 1700, IR 47 BPM						

TOOLS USED

Rotary tools were used from ~~surface~~ feet to **6683** feet, and from _____ feet to _____ feet.

Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet.

DATES

November 2, 1960 Put to producing Waiting on connection 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 ~~5,536,000~~ ~~CAOF~~ Gallons gasoline per 1,000 cu. ft. of gas -----

Rock pressure, lbs. per sq. in. ... **2065/7 days**

EMPLOYEES

R. H. Wisener _____, Driller **Geo. Beal** _____, Driller
J. D. Coleman _____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	750	750	Tertiary
750	2000	1250	Kirtland-Fruitland
2000	3582	1582	Pictured Cliffs-Lewis
3582	4641	1059	Mesaverde
4641	6341	1700	Mancos
6341	6400	59	Greenhorn
6400	6450	50	Graneros
6450	6683	233	Graneros-Bakota

[OVER]

100-443887-100

✓ PROPOSED: 1/14/67 12:53

HISTORY OF OIL OR GAS WELL

U. S. GOVERNMENT PRINTING OFFICE 10-30084-2

DATE: 10/10/1964

CHS 112 10/11/2000

5. 270-5149

FORMATION

TOTAL FTE

— 91 —
