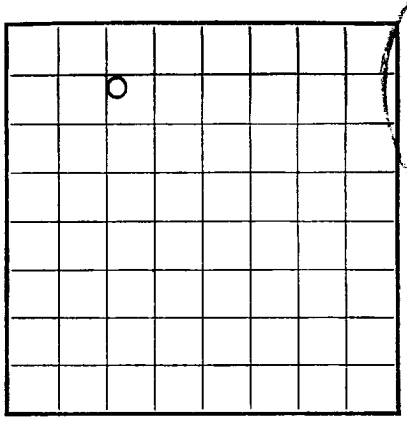
Form 9-330



LOCATE WELL CORRECTLY

RECEIVED
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OIL CON. COM.
DIST. 3

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

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER SF- 079295
LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED
FEB 3 1966
U. S. GEOLOGICAL SURVEY
FARMINGTON, N. M.

LOG OF OIL OR GAS WELL

Company Pubco Petroleum Corporation Address P.O. Box 1419, Albuquerque, N.M.

Lessor or Tract Federal Field Basin Dakota State New Mexico

Well No. 12 Sec. 23 T. 26N R. 6W Meridian NMPM County Rio Arriba

Location 790 ft. {S.} of N. Line and 1450 ft. {E.} of W. Line of Sec. 23 Elevation 6671
(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 Ronald Eaton

Date January 31, 1966 Title Geologist

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

Commenced drilling 11-14, 1965 Finished drilling 12-2, 1965

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3131 to 3170 (G) No. 4, from 7542 to 7552 (G)

No. 2, from 7360 to 7390 (G) No. 5, from 7586 to 7606 (G)

No. 3, from 7496 to 7520 (G) 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 From—	Perforated To—	Purpose
9 5/8	32.30	8 rd		400					Surface
4 1/2	10.5	8 rd		7655					Production

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9 5/8	400	300	Circulated		
4 1/2	7614	995	2 stage		

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

TOOLS USED

Rotary tools were used from Surface feet to 7624 feet, and from ____ feet to ____ feet

Cable tools were used from ____ feet to ____ feet, and from ____ feet to ____ feet

DATES

Completed Jan. 6, 1966 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 2752 MCF 3/4" Gallons gasoline per 1,000 cu. ft. of gas not measured

Rock pressure, lbs. per sq. in. 2778 SICP

EMPLOYEES

W.M. Gaebler, Driller J.A. McClain, Driller

E. G. Storie, Driller ____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
Surface	2680	2680	Tertiary undifferentiated
2680	3131	451	Cretaceous
3131	3170	39	Pictured Cliffs
3170	4789	1619	Lewis Shale
4789	5538	749	Mesaverde undifferentiated
5538	7275	1737	Mancos
7275	7328	53	Greenhorn
7328	7493	165	Graneros
7493	7624	131	Dakota

(OVER)

FROM—	TO—	TOTAL FEET	FORMATION

16—43094-2 U. S. GOVERNMENT PRINTING OFFICE

HISTORY OF OIL OR GAS WELL

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

12-27 First Stage; Perf 7586-7606 w/ 2 jpf & 7542-7552 w/ 4 jpf. Fracked w/80,000 gal wtr. w/50,000 #20-40 sd. & 10,000 #10-20 sd @ 64 BPM 3800 psi, dropped 40 balls, continued with 55,000 gal wtr w/30,000 # 20-40 sd & 10,000 #10-20 sd. @ 45 BPM 4200 psi. Set Baker bridge plug @ 7535.

12-28 Second Stage; Perf 7496-7520 w/ 2 jpf. Fracked w/ 60,000 gal wtr. w/50,000# 20-40 sd. @ 48 BPM 4000 psi. Set bridge plug @ 7450.

Third Stage; Perf 7360-7396 w/ 2 jpf. Fracked w/ 40,000 gal wtr. w/40,000 # 20-40 sd. @ 59 BPM 3600 psi. Dropped 30 balls after 40,000 in and screened out.