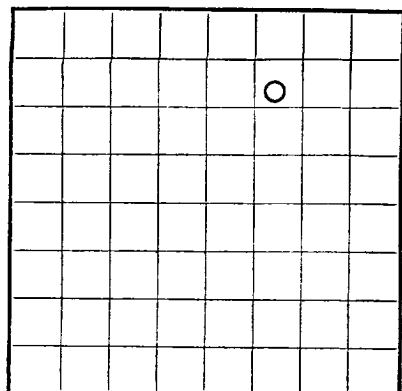
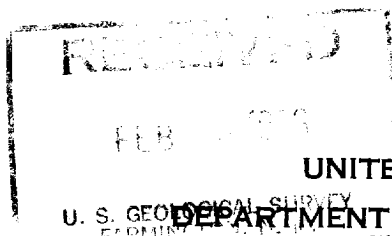
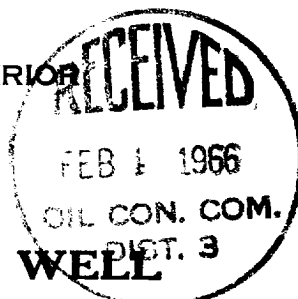




LOCATE WELL CORRECTLY

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

UNITED STATES

U. S. GEOLOGICAL SURVEY
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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. 11 Sec. 23 T26N R. 6W Meridian NMPM County Rio Arriba
Location 1070 ft. S. of N Line and 1750 ft. W. of E Line of Sec. 23 Elevation 6691
(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 Woodell WadeDate January 31, 1966Title Geologist

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

Commenced drilling 12-5, 1965 Finished drilling 12-23, 1965

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3037 to 3107 (G) No. 4, from 7462 to 7476 (G)
No. 2, from 7280 to 7320 (G) No. 5, from 7503 to 7517 (G)
No. 3, from 7416 to 7432 (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		Purpose
							From—	To—	
8 5/8	24	8 rd	J-55						Surface
4 1/2	16.5	8 rd	J-55						Production

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	414 (Schl)	250	Circulated		
4 1/2	7534	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 7533 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

Completed Jan 13, 1966Put 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. _____

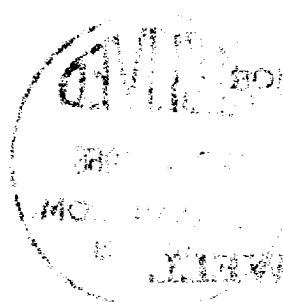
If gas well, cu. ft. per 24 hours 6341 MCF 3/4" Gallons gasoline per 1,000 cu. ft. of gas not measuredRock pressure, lbs. per sq. in. 2404 SICP

EMPLOYEES

W.M. Gaebler, Driller J. A. McClain, Driller
E. G. Storie, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
Surface	2583	2583	Tertiary undifferentiated
2583	3037	454	Cretaceous
3037	3107	70	Pictured Cliffs
3107	4717	1610	Lewis Shale
4717	5412	695	Mesaverde Undiff.
5412	7195	1783	Mancos
7195	7250	55	Greenhorn
7250	7416	166	Graneros
7416	7533	117	Dakota



TIME 240 80 110 50 000

***** 343 2000-01-01 510,00

Second stage: Refr 1416-1432 w/ 2 jpt, cracked w/65,000 gal wtr w/65,000 #20-40 12,000 gal w/ 3000 # 10-20. Set bridge plug @ 7369

First Stage; Part 7503-7517, 7482-7476 w/ 2jpf. Fracked w/30,000 gal wtr w/ 30,000 # 20-40 sd. 10,000 gal wtr w/ 8000 # 10-20 sd. Dropped 28 balls, continued with 20,000 wtr w/20,000 #20-40 sd. 5000 gal wtr w/2500, #10-20 sd. Set bridge plug @ 7453.

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of reworking, 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.

HISTORY OF OIL OR GAS WELL

U. S. GOVERNMENT PRINTING OFFICE 16-43084-2

FROM-	TO-	TOTAL FEET	FORMATION
			1. 0-10' Sandstone, yellowish, medium grained, somewhat silty, contains small pebbles of quartz and chert. 2. 10-20' Sandstone, yellowish, medium grained, somewhat silty, contains small pebbles of quartz and chert. 3. 20-30' Sandstone, yellowish, medium grained, somewhat silty, contains small pebbles of quartz and chert. 4. 30-40' Sandstone, yellowish, medium grained, somewhat silty, contains small pebbles of quartz and chert. 5. 40-50' Sandstone, yellowish, medium grained, somewhat silty, contains small pebbles of quartz and chert. 6. 50-60' Sandstone, yellowish, medium grained, somewhat silty, contains small pebbles of quartz and chert. 7. 60-70' Sandstone, yellowish, medium grained, somewhat silty, contains small pebbles of quartz and chert. 8. 70-80' Sandstone, yellowish, medium grained, somewhat silty, contains small pebbles of quartz and chert. 9. 80-90' Sandstone, yellowish, medium grained, somewhat silty, contains small pebbles of quartz and chert. 10. 90-100' Sandstone, yellowish, medium grained, somewhat silty, contains small pebbles of quartz and chert.