Form 9-330

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

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER SF 065557-A
LEASE OR PERMIT TO PROSPECT

RECEIVED JAN 29 1962 OIL CON. C DIST. 3

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED JAN 30 1962 U.S. GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Tenneco Corp., acting by & thru its managing agent, Tenneco Oil Company Address P. O. Box 1714, Durango, Colorado

Lessor or Tract Cornell Dakota Gas Unit "C" Field Basin Dakota State New Mexico

Well No. 1 Sec. 11 T. 29N R. 12W Meridian N.M.P.M. County San Juan

Location 990 ft. {N. / S.} of N Line and 990 ft. {E. / W.} of W Line of Section 11 Elevation 5716 GL (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 L. B. Plumb

Date January 23, 1962 Title Dist. Production Supt.

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

Commenced drilling December 6, 19 61 Finished drilling December 27, 19 61

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 6298 to 6306 No. 4, from 6477 to 6483

No. 2, from 6380 to 6407 No. 5, from to

No. 3, from 6460 to 6466 No. 6, from to

IMPORTANT WATER SANDS

No. 1, from None 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
8-5/8	24#	8 rd	CF&I	248'	Baker Pattern				Surface
4-1/2	9.5#	8 rd	CF&I	6604'	Guide				Production
4-1/2	9.5#	8 rd	CF&I	6604'			6298	6483	Production

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8	250'	150	Two Plug		
4-1/2	6604	300	Two Plug		

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 252 feet to 6604 feet, and from feet to feet

Cable tools were used from 0 feet to 252 feet, and from feet to feet

DATES

Potential Test: F/1978 MCFPD on 3/4" ch. AOF 2063 MCFPD

January 23, 19 62 Put to producing January 20, 19 62

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 Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in.

EMPLOYEES

, Driller , Driller

, Driller , Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
12	2000	1988	Sand and shale
2000	3400	1400	Shale w/some siltstone
3400	4550	1150	Sandstone w/some shale
4550	5435	885	Shale
5435	6185	750	Shale w/sand stringers
6185	6290	105	Siltstone and shale
6290	T.D.	350	Sandstone and shale

Electric Log Tops

Kirtland	600
Farmington-Fruitland	785
Pictured Cliff	1810
Lewis Shale	1970
Mesaverde	3400
Mancos	4560
Gallup	5435
Greenhorn	6185
Dakota	6295
T.D.	6640

16—48094-5

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION

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.

Well spudded 3:00 p.m. 12-6-61. Drilled with cable tools to 252'. Ran 8 joints 8-5/8" OD, 24#, J-55 casing and set at 250'. Cemented with 150 sx Incor w/2% CaCl2. Plug down 4:30 p.m. 12-13-61. WOC 24 hours. Pressure test casing to 600 pounds for 30 minutes. Pressure held o.k. Drilled to 6664'. Ran ES-Resistivity and Gamma Ray-Sonic logs. Ran 205 joints 4-1/2" OD, 11.6#, and 9.5#, J-55 casing and set at 6664'. Stage collar set at 2017' and cemented in two stages. First stage: cemented with 250 sacks Incor with .5% Halad 9. Second stage: cemented with 50 sacks Incor-Pozmix 1:1 with 6% gel. Plug down 4:00 p.m. 12-27-61. WOC 24 hours. Pressure tested casing to 3000 pounds for 30 minutes. Pressure held ok. Released rotary rig 5:00 p.m. 12-27-61. Perforated 6298-6306, 6380-6404, 6462-66 and 6477-83 with 4 shots per foot. Fraced perforations with 200,000 pounds 20-40 sand and 140,800 gallons water. Ran 2-3/8" OD tubing and cleaned well. Potential test - F/1978 MCFPD on 3/4" ch. AGF 2063 MCFPD. FTP 154, SITP 2077; FCP 475, SICP 2051.

10—43094-2 U. S. GOVERNMENT PRINTING OFFICE