Form 9-330

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APR 18 1962
OIL CON. COM.
DIST. 3

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

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER NM -024158
LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company Tenneco Oil Company Address P. O. Box 1714, Durango, Colorado

Lessor or Tract R. E. McKenzie Gas Unit "C" Field Basin Dakota State New Mexico

Well No. 1 Sec. 20 T. 30N R. 12W Meridian N.M.P.M. County San Juan

Location 930 ft. {N. / S.} of N Line and 1990 ft. {E. / W.} of E Line of Section 20 Elevation 5757 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 April 10, 1962 Title District Production Supt.

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

Commenced drilling March 3, 1962 Finished drilling March 20, 1962

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 6405 to 6411 G No. 4, from 6518 to 6523 G

No. 2, from 6474 to 6476 G No. 5, from to

No. 3, from 6483 to 6493 G 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	CF&I	250'	Guide		—	—	Surface
4-1/2	9.5#	8	CF&I	6628'	Guide		6405	6411	Production
							6474	6476	
							6483	6493	
							6518	6523	

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8	271	175	Two Plug		
4-1/2	6635	225	Two Plug		

FOLD MARK

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 0 feet to 6640 feet, and from — feet to — feet

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

DATES Potential test: F/1846 MCFPD thru 3/4" ch.

April 10, 1962 Put to producing April 7, 1962

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 1846 MCF 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
0	12	12	KB to Ground level
12	1300	1288	Shale and sand stringers
1300	1850	550	Shale
1850	2080	230	Sandy shale
2080	3500	1420	Shale
3500	4600	1100	Shale and sand stringers
~~3500~~	~~4600~~	~~1100~~	
4600	5550	950	Shale
5550	5850	300	Sandy shale
5850	6300	450	Shale
6300	6350	50	Sand
6350	6400	50	Shale
6400	6640	240	Shaley sand

Electric Log Tops

Fruitland-Farmington	500
Lewis Shale	1250
Pictured Cliff	1890
Mancos Shale	2100
Mesaverde	3500
Gallup	5550
Greenhorn	6290
Dakota	6400

16—43094-5

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION

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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.

Spudded 4:00 a.m. 3-3-62. Drilled to 275'. Cemented 8-5/8", 24#, J-55 casing at 271' with 175 sacks Incor. Tested to 600 psi. Pressure held ok. Cement circulated to surface. Drilled to 6640. Ran Resistivity, Gamma Ray-Neutron and Densilog. Ran 4-1/2", 11.6# and 9.5# to 6635 and cemented in two stages. First stage: 175 sacks 1:1 Incor-Pozmix with 2% gel, 8# salt per sack, .9% Halad 9. Second stage: cemented through stage collar at 2107 with 50 sacks 1:1 Incor-Pozmix, 6% gel. Drilled cement to 6559. Perforated 6409-11, 6471-76, 6483-93, 6518-23 with 4 jets per foot. Acidized perfs with 500 gallons super mud acid. Fraced with 36000 gallons water and 61000 20-40 sand. Ran 2" tubing to 6396. On potential test 4-7-62: Flowed 1846 MCFPD through 3/4" choke, FCP 32, FTP 144, AOF 1893 MCFPD.