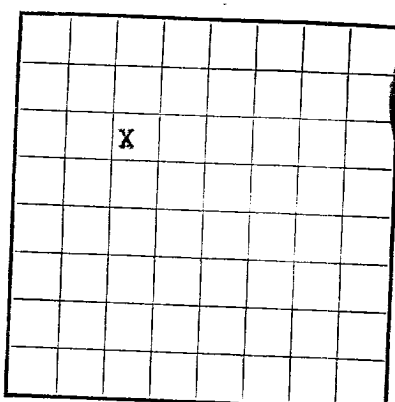
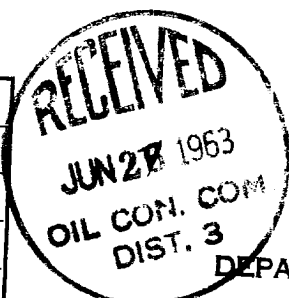




LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYU. S. LAND OFFICE **Santa Fe**
SERIAL NUMBER **NM 0309371**
LEASE OR PERMIT TO PROSPECT

LOG OF OIL OR GAS WELL

Company Tenneco Oil Company Address P. O. Box 1714, Durango, Colorado
Lessor or Tract US, Scott Field Basin Dakota State New Mexico
Well No. 1 Sec. 28 T. 28N R. 13W Meridian N.M.P.M. County San Juan
Location 1850 ft. (XX) of N Line and 1650 ft. (XX) of W Line of Section 28 Elevation 5940
(Derriek 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 E. E. SiversonDate June 20, 1963Title Dist. Production Superintendent

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

Commenced drilling May 23, 1963 Finished drilling June 3, 1963

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 6075 to 6126 G No. 4, from _____ to _____
No. 2, from _____ to _____ No. 5, from _____ to _____
No. 3, from _____ to _____ 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—	
<u>8-5/8"</u>	<u>24.4</u>	<u>8 RD</u>	<u>CPAI & Long Star</u>	<u>242'</u>	<u>Guide</u>				<u>Surface Production</u>
<u>4-1/2"</u>	<u>9.7</u>	<u>8 RD</u>	<u>CPAI</u>	<u>519'</u>	<u>Guide</u>		<u>6075</u>	<u>6078</u>	
							<u>6084</u>	<u>6087</u>	
							<u>6119</u>	<u>6126</u>	

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>8-5/8"</u>	<u>255'</u>	<u>200</u>	<u>Pump & Plug</u>		
<u>4-1/2"</u>	<u>6208'</u>	<u>700</u>	<u>Pump & Plug</u>		

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 6210 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES Potential test 6-17-63; P/2814 MCFPD
Put to producing _____, 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 _____ Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. _____

EMPLOYEES

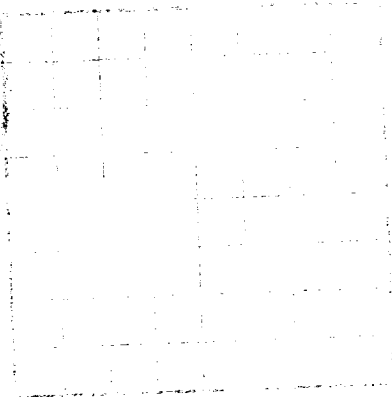
_____, Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>11</u>	<u>11</u>	<u>KB to GL</u>
<u>11</u>	<u>1440</u>	<u>1429</u>	<u>Shale w/sand stringers</u>
<u>1440</u>	<u>1780</u>	<u>340</u>	<u>Sand w/shale stringers</u>
<u>1780</u>	<u>2350</u>	<u>570</u>	<u>Brown shale</u>
<u>2350</u>	<u>4250</u>	<u>1900</u>	<u>Sand w/shale stringers</u>
<u>4250</u>	<u>5130</u>	<u>880</u>	<u>Black shale</u>
<u>5130</u>	<u>5650</u>	<u>520</u>	<u>Sandy shale</u>
<u>5650</u>	<u>5960</u>	<u>310</u>	<u>Black shale</u>
<u>5960</u>	<u>6020</u>	<u>60</u>	<u>Limey shale</u>
<u>6020</u>	<u>6210</u>	<u>190</u>	<u>Sand w/shale stringers</u>
			<u>Elec Log Tops</u>
			<u>Farmington Sd 560</u>
			<u>Pictured Cliff 1440</u>
			<u>Lewis Shale 1780</u>
			<u>Mesa Verde 2350</u>
			<u>Mancos Shale 4255</u>
			<u>Gallup 5130</u>
			<u>Greenhorn 5960</u>
			<u>Dakota 6070</u>

LOG OF OIL OR GAS WELL

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
UNITED STATES



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 balling.

Spudded 5-23-63. Drilled 12-1/4" hole to 255'. Ran 8 jts. (2-21') 8-5/8" OD, 24#, STAC casing and set at 255'. Cemented with 200 ex. Cement circulated to surface. Pressure tested casing - held 8 K. Drilled 7-7/8" hole to 5182. Cased interval 5476-5512. Drilled ahead to 6210 TD. Ran logs. Ran 196 jts. (6193') 4-1/2" OD, 9.5#, STAC casing and set at 6208'. Cemented in two stages. First stage cemented with 150 ex. Second stage cemented with 550 ex. WOC 80 barrels. Stages worked at 4358'. Pressure tested casing - held O.K. Perforated 6075-78, 6084-87, and 6119-26 w/2 holes per ft. Spotted 500 gal acid beneath packer set at 6004. Fraced with 70,000# sand, 60,000 gal. water. Killed well with salt water before running 2-3/8" OD tubing (195 jts.) and landing at 6050'. Cleaned well to pit. On potential test 6-17-63. Flowed 2814 MCFPD, later 3055 MCFPD. STIP 1921, SICP 1910, FIP 226, PCP 610.

HISTORY OF OIL OR GAS WELL

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

FROM-	TO-	TOTAL FEET	FORMATION
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