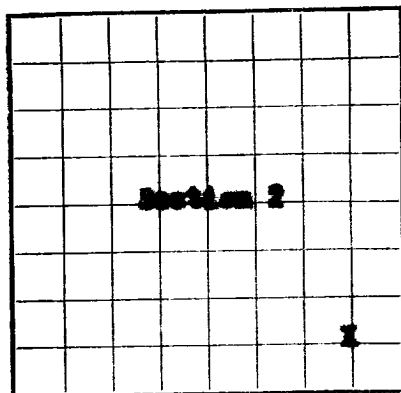


U. S. LAND OFFICE
SERIAL NUMBER
LEASE OR PERMIT TO PROSPECT



Indian Agency: Navajo
Lease No. 1-39-100-56

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Continental Oil Company Address P. O. Box 3312, Durango, Colorado
Lessor or Tract Navajo Rattlesnake Field Pennsylvanian State New Mexico
Well No. 139 Sec. 2 T. 29N R. 19W Meridian NMPH County San Juan
Location 660 ft. N of S Line and 660 ft. E of E Line of Section 2 Elevation 5281'
(Derick 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.

Original Signed By: H. D. HALEY
Signed _____ Title District Superintendent

Date February 23, 1962 Title District Superintendent

The summary on this page is for the condition of the well at above date on 12/20/62.
Commenced drilling on 1/12/62. Drilling was completed on 1/22/62. The well was drilled to a depth of 6701 feet. The well was cased with 13 3/8 inch casing to a depth of 306 feet. The well was cemented with 160 sacks of cement. The well was plugged with 400 sacks of cement. The well was adapted with 380 sacks of cement. The well was shot with 1000 lbs. of explosive. The well was cleaned out with 1000 cu. ft. of gas. The well was tested and produced 22.8% oil, 14% water, and 2% sediment. The well was tested at a pressure of 1530 lbs. per sq. in. The well was tested at a gravity of 14° API. The well was tested at a formation of Greenhorn, Granger, Dakota, Harrison, Estrada, Chiale, Shinarump, Moenkopi, Coconino, Organ Rock, Bernese, and Paradox Limestone.

From—	To—	Purpose
13 3/8"	306'	Surface
9 5/8"	400'	Plugging
7"	657'	Adapting

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13 3/8"	306'	160	Displacement		
9 5/8"	400'	400	Displacement		
7"	657'	380	Displacement		

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
		None				

TOOLS USED

Rotary tools were used from 306 feet to 6701 feet, and from _____ feet to _____ feet
Cable tools were used from Surface feet to 106 feet, and from _____ feet to _____ feet

DATES

February 23, 19 62 Put to producing January 12, 19 62
The production for the first 24 hours was 100 barrels of fluid of which 22.8 % was oil; No %
emulsion; No % water; and 2 % sediment. Gravity, 14° API
If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. 1530

EMPLOYEES

_____, Driller Contractor: (Cable Tool) Gilbert Drilling Driller
_____, Driller Contractor: (Rotary) Morris Bros. Drilling Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
603	672	69	Greenhorn
672	710	38	Granger
710	910	200	Dakota
910	1964	1054	Harrison
1964	2717	753	Estrada
2717	3430	713	Chiale
3430	3494	64	Shinarump
3494	3653	159	Moenkopi
3653	4082	429	Coconino
4082	5257	1375	Organ Rock
5257	6104	847	Bernese
6104	6701	597	Paradox Limestone

FROM—

TO—

TOTAL FEET

FORMATION

(OVER)
FORMATION RECORD—Continued

LEASE OR PERMIT TO PROSPECT
SERIAL NUMBER
U.S. LAND OFFICE

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

SECRET

YLT087800 JAN 27 1991

Date _____
 Title _____
 Signature _____
 The information given herewith is a complete and correct record of the well and all work done thereon
 as far as can be determined from all available records.
 Signed _____
 Original signed by _____
 Location _____
 Section _____
 Township _____
 Range _____
 County _____
 State _____
 Address _____
 Company _____

[illegible]

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 changed, or left in the well, give the date, size, position, and number of shoe. If pins or bridges were put in to test for water, state kind of material used, position, and results of pumping or pulling.

HISTORY OF OIL OR GAS WELL

[illegible]

FORMATION RECORD--Continued

FORM NO. 107-1 (01-01-1992)