

FREE OFFICE 000

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U. S. LAND OFFICE **Las Cruces**
SERIAL NUMBER **LC 062749 6**
LEASE OR PERMIT TO PROSPECT **L38**

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company **Continental Oil Company** Address **Box 68, Dunice, New Mexico**
 Lessor or Tract **Thompson Federal 19** Field **N Mason Delaware** State **New Mexico**
 Well No. **1** Sec. **19** T. **26** R. **32** Meridian **NMPM** County **Lea**
 Location **1980** ft. ~~N~~ S. of **N** Line and **660** ft. ~~E~~ W. of **W** Line of **Sec 19** Elevation **3201**
 (Describe 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.

Date 7-8-56 Signed _____ Title District Superintendent

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

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Commenced drilling -----	6-19	19	56	Finished drilling -----	7-2	19	56
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OIL OR GAS SANDS OR ZONES

(Denote gas by G)

(Denote gas by G)

No. 1, from <u>4286</u> to <u>4294</u> No. 2, from _____ to _____ No. 3, from _____ to _____	No. 4, from _____ to _____ No. 5, from _____ to _____ No. 6, from _____ to _____
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IMPORTANT WATER SANDS

No. 1, from _____ to _____

No. 2, from _____ to _____

No. 3, from _____ to _____

No. 4, from _____ to _____

CASING RECORD

[illegible]

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	1084	350	pump & plug		
5 1/2	4302	250	pump & 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 feet to feet, and from feet to feet
Cable tools were used from feet to feet, and from feet to feet

DATES

DATES	
....., 19.....	Put to producing 7-8 1956

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

EMPLOYEES			
L. E. Bainwater	Driller	A. J. Jennings	Driller
C. W. Grant	Driller		Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1477	1477	Redbed and Sand
1477	4213	2736	Salt and Anhydrite
4213	4256	43	Shale and Lime
4256	4303	47	Sand

Core #1 from 4283-4303', total 20', rec 19.2': 4283-85' ss, gr, fgr, shy w/many thin sh lam, sli to good odor, streaked fluor. 4285-86' ss, gr, fgr, soft friable w/good odor, solid fluor. 4286-87' ss, gr, fgr, soft fry w/good odor, streaked fluor. 4287-93.5' ss, gr, fgr, soft friable w/good odor, solid fluor, 1" shale streak at 4289.5'. 4293.5-94.5' ss, gr, fgr w/some vry thin shale lam, good odor, streaked fluor. 4294.5-98' ss, gr, fgr w/good odor, spotty fluor. 4298-99.5' ss, gr, fgr, w/some vry thin shale laminations, good odor, spotty to streaked fluor. 4299.5-4302.2' ss, fgr, gray w/good odor, spotty fluor, apparent vert fractures thru out ss section. 4286-93' solid fluor.

TD Sand 4303', DSD 4301', 22 10', elev 3201', pay Delaware Sand 4286-4294'. Casing point 5 1/2" at 4302'. Perf 4286-4294'. IT flowed 97 bbls 40° gravity oil, trace water in 22 hrs, 18/64" choke, TP 100-50%, GP 0%. Daily potential 106 bbls oil w/36.9 MCF gas, GOR 915. Estimated daily allowable 49 bbls oil. Well not treated. Drilling started 6-19-56, completed 7-2-56, rig released 7-3-56, tested 7-8-56. Geo tops: Austler 1267', Base Salt 4020', Delaware Lime 4230', Delaware Sand 4275', correlation point. Top pay 4286'. Cactus Brlg Co, Contractor.

1997

5-17-14 11:13 AM

GEORGE A. FLETCHER

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FORMATION RECORD—Continued