

U. S. LAND OFFICE **Las Cruces**
LC 030557
 SERIAL NUMBER _____
 LEASE OR PERMIT TO PROSPECT **Lease**

1967 NOV 13 AM 9 50
UNITED STATES

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

LOCATE WELL CORRECTLY

Company Continental Oil Company Address Box 68, Lunice, New Mexico

Lessor or Tract Farney A-17 Field Jalmat State New Mexico

Well No. 1 Sec. 17 T. 23S R. 36E Meridian NMPM County Lea

Location 1980 ft. SW of N Line and 1980 ft. EW of W Line of Sec. 17 Elevation 3478'
(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.

Date 11-12-57 Signed _____ Title District Superintendent

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

Commenced drilling ----- 10-18, 1957 Finished drilling ----- 10-28, 1957

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

(Denote gas by G)

No. 1, from <u>3672'</u> to <u>3686'</u>	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

CASING RECORD							Perforated		Purpose
Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	From—	To—	
8 5/8	24#	8 rd	J-55	371'	Guide				
5 1/2	14#	8 rd	J-55	371'	Float		3622	3685	Production

MUDDING AND CEMENTING RECORD

	Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8	5/8	381'	300	Pump & plug		
5	1/2	3695'	1312	Pump & plug		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____
Adapters—Material _____ Size _____

SHOOTING RECORD

[illegible]

TOOLS USED

Rotary tools were used from 0 feet to 3695 feet, and from _____ feet to _____ feet

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

DATES

_____, 19____ Put to producing 11-9, 1957

The production for the first 24 hours was 104 barrels of fluid of which 100% was oil; -----% emulsion; -----% water; and -----% sediment. Gravity, °Bé. 28-----

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
B. W. Kreeger
-----, Driller
O. E. Kelton

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1540	1540	Redbeds
1540	1620	80	Anhydrite
1620	3390	1770	Salt
3390	3504	114	Dolomite
3504	3695	191	Dolomite and Sand

TD Dolo and Sand 3695', DF 10', elev 3478' DF. Day Yates 3672-86'. Casing point 5 1/2" at 3695'. Perf 3672-86 w/4 jets per ft. IP flowed 104 bbls 28 gravity oil, no water, in 24 hrs, 20/64" choke, TP 175#, CP 375#, daily potential 104 bbls oil w/197 MCF gas, GOR 1894, estimated daily allowable 37 bbls oil. Treated w/500 gals 15% LSTNE acid, sandfraced w/8,000 gals crude w/1# sand and 0.1# Adomite per gal. P. L. Conn: None. Drilling started 10-18-57, completed 10-28-57, rig released 10-29-57, tested 11-9-57. Tops: Anhydrite 1543', Salt 1620', Base of Salt 3390', Yates 3504'. Roy H Smith Drlg Co contractor.

Tops by R/A log.

Core descriptions attached.

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The information given herein is to be used for the purpose of identifying the location of the property and the person or persons who are in possession of the same. It is to be used for the purpose of identifying the person or persons who are in possession of the same. It is to be used for the purpose of identifying the person or persons who are in possession of the same.

DATE OF LETTER 343 10 JUL

DOMINICAN REPUBLIC 1914

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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.

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

Q103 WYBK

FARNEY A-17 NO. 1 - CORE DESCRIPTIONS

Core No. 1 3460-3512' Cut 52' - Rec 52'

3460.0 - 61.3 Dolo, gry, fn xlyn, shly, slty, anhydritic. N-S.
3461.3 - 61.4 Shale, dk gry, dolomitic.
3461.4 - 65.5 Anhy, dk gry-bl, coarse xlyn, shly, banded.
3465.5 - 67.2 Dolo, brn, med coarse xlyn, shly. N-S.
3467.2 - 68.0 Anhy, dk bl-gry, coarse xlyn, shly.
3468.0 - 72.5 Dolo, brn, fn-med grn, slightly shly. Good odor, good stain, fair bleeding.
3472.5 - 76.5 Anhy, dolomitic, shly.
3476.5 - 80.0 Dolo, brn-gry, med xlyn, very anhydritic. N-S.
3480.0 - 82.5 Dolo, dk gry, fn xlyn, slightly anhydritic, tight. N-S.
3482.5 - 85.0 Anhy, dk gry-bl, coarse xlyn, dolomitic. N-S.
3485.0 - 85.2 Dolo, dk gry-brn, fn xlyn. N-S.
3485.2 - 89.0 Anhy, gry-bl, coarsely xlyn.
3489.0 - 97.0 Dolo, gry-brn, fn xlyn, shly, gilsonite, dns, slight stain, slight bleeding 3495.8 - 3496.0.
3497.0 - 98.0 Anhy, gry-bl, coarsely xlyn.
3498.0-3500.8 Dolo, gry-brn, very fn xlyn, shly, fair stain, fair bleeding.
3500.8 - 04.1 Anhy, dolo and shale well interbedded.
3504.1 - 06.0 Dolo, dk gry-brn, fn xlyn, very sandy, slight stain.
3506.0 - 08.1 Anhy, gry-bl, med xlyn, dolomitic, sandy, shly.
3508.1 - 12.0 Dolo, gry-brn, very fn xlyn, anhydritic, shly, sandy. N-S.

Core No. 2 3512-3563' Cut 51' - Rec 51'

3512.0 - 14.0 Dolo, brn and anhydritic, bl, completely intermixed.
3514.0 - 17.0 Dolo, brn, dk gry, med xlyn, slightly anhydritic, slightly sandy. N-S.
3517.0 - 26.0 Dolo, dk gry, very fn xlyn, banded, very sandy. Lower foot slightly sandy.
3526.0 - 35.0 SS, gry-brn, very fn grain, dolo, banded, fair odor, fair bleeding, good stain.
3535.0 - 42.0 Dolo, brn-gry, fn-med xlyn. N-S. Sandy at base.
3542.0 - 44.7 SS, brn-gry, very fn grain, dolo, banded, good stain, good odor, good bleeding.
3544.7 - 57.2 Dolo, brn-gry, very fn xlyn. Slightly sandy and shly, scattered stain.
3557.2 - 63.0 SS, brn, very fn grain, slightly dolomitic, good stain, good odor fair bleeding.

Core No. 3 3563-3614' Cut 51' - Rec 51'

3563.0 - 66.0 SS, dk gry-brn, very fn grain, slightly dolomitic, shly, scattered veins gilsonite, fair stain, slight odor.
3566.0 - 67.0 Dolo, dk gry - gry, very fn xlyn, slty, sandy. N-S.
3567.0 - 82.5 SS, dk gry-blk, very fn grain, shaly, slightly dolomitic, banded w/gry and blk SS beds. Fair stain, fair odor, slight-fair bleeding.
3582.5-3603.5 Dolo, brn-gry, very fn xlyn, shly, sandy in scattered irregular lenses. N-S.
3603.5 - 14.0 SS, gry-brn, very fn grain, slightly dolomitic, slightly shaly, very friable, good stain, good odor.