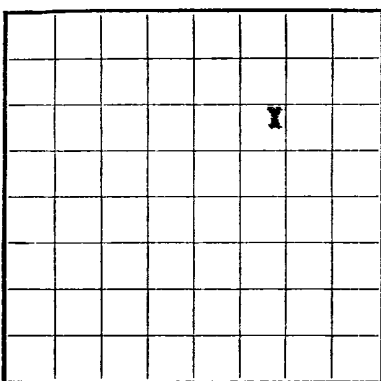


Las Cruces
U. S. LAND OFFICE
SERIAL NUMBER **LC 032096 6**
LEASE OR PERMIT TO PROSPECT **L80**

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Continental Oil Company Address Box 68, Sunica, New Mexico
Lessor or Tract Lockhart B-11 Field Terry Blinbry State New Mexico
Well No. 14-TB Sec. 11 T. 21 R. 37 Meridian N.M. County Lea
Location 1650 ft. S. of N. Line and 1650 ft. E. of S. Line of Sec 11 Elevation 3457
(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 [Signature]Date 7-16-57 Title District Superintendent

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

Commenced drilling 5-25, 19 57 Finished drilling 6-20, 19 57

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 5724 to 5892 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—	
10 3/4	32.75		H-40	284'	Casing				
7 5/8	24		H-40	1354'	Guide				
5 1/2	19.5		H-40	5892'	Guide				
							5724	5824	production
							5758	5824	
							5832	92	

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10 3/4	272	250	pump & plug		
7 5/8	3154	260 units HTS & 160 sq feet	pump & plug		
5 1/2	5924	400	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 0 feet to 5925 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____, 19 _____ Put to producing 7-4, 19 57

The production for the first 24 hours was 189 barrels of fluid of which 100 % 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

W. L. Hill, Driller L. C. Cann, Driller
C. O. Mitchell, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1354	1354	Redbed
1354	1440	86	Anhydrite
1440	2488	1048	Salt
2488	5719	3231	Limestone, Dolomite, Scattered sand
5719	5925 TD	206	Dolomite, anhydrite

TD Dolo and shale 5925', DDB 5910', DF 12', elev 3457'. Pay Blinbry 5724-5892'. Casing point 5 1/2" set at 5924'. Perf 5724-40', 5758-5824', 5832-92'. IF flowed 55 bbls 41 gravity oil, no water, in 7 hrs. Choke 10/64". IP 300#, CP 700#. Daily potential 189 bbls oil w/105 MCP gas. GOR 556. Estimated daily allowable 51 bbls oil. Treated w/2000 gals acid, sandfraced w/10,000 gals crude w/1% sand and 0.1% Adomite per gal. P.L. conn: Texas-New Mexico. Drilling started 5-25-57, completed 6-20-57. Rig released 6-21-57, tested 7-4-57. Tops: Rustler 1354', Salado 1440', Base Salt 2488', Yates 2625', Seven Rivers 2883', Lusen 3452', Penrose 3602', Grayburg 3780', San Andres 5991', Glorieta 5249', Blinbry 5719' correlation point. Holmes Drilg Co contractor.

Core descriptions on attached sheet

Tops by R/A log.

(OVER)

FORMATION RECORD—Continued[illegible]

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.

LOCKHART 1-11 NO 14-TB CORE DESCRIPTIONS

CORE NO 1: 5640-5690' cut 50' rec 49'. 4' anhy, 14' shale, 31' dolomite. Anhy 5640-5644'. Shale 5644-49', 5660.5-62.5', 5674.5-79', 5682.5-84', 5686-87' black w/several small anhy chunks interbedded. Dolo 5649-60.5', 5662.5-5674.5', 5679-82.5', 5684-86', 5687-89' fine to med xln, tan, dnse.

CORE NO 2: 5690-5740' cut 50' rec 41.5'. 1' anhy, 40.5 dolo. 5690-92' dolo, lt brn to tan, fxln, dnse, scattered anhy incl, shaley on bottom. 5692-95' dolo, drk brn, fxln, shaley and silty, dnse, scattered anhy incl. 5695-95.5' anhy. 5695-5729' dolo, bn to tan, fn to med xln, shaley, sl sandy, w/scattered anhy incl, w/scattered sh beds, fair odor and stain, sl bleeding. 5729-29.5' anhy. 5729.5-31.5' dolo, bn, fn xln, shaley, scattered anhy incl, fair stain, sl odor. Lost 8.5' off bottom.

CORE NO 3: 5740-5790' cut 50' rec 41'. 41' of dolo. 5740-81' dolo, bn, fn to med xln, sl sandy, shaley, w/scattered pockets anhy, thin sh beds throughout, sl porous to dense, good stain, fair odor, sl bleeding. 9' lost off bottom.

CORE NO 4: 5790-5840' cut 50' rec 48'. 44' dolo, 1.5' shale, 2.5' sandstone. 5790-5804' dolo, bn to tan, fn to med xlyn, shaley, silty, dense w/thin black sh beds scatt thruout, fair stain and odor, sl bleeding. 5804-04.5' shale, black, silty, dolomitic. 5804.5-07.5' dolo, lt bn, fn to med xlyn, shaley, sandy, porous, few scatt anhy pockets, fair odor and stain, sl bleeding. 5807.5-08' shale, black, silty, dolomitic. 5808-09.5' dolo, same as above, very sandy. 5809.5-11' sandstone, bn to drk gray, very fn gr, very dolomitic, shaley, good stain and odor, fair bleeding. 5811-11.5' shale black, silty, dolomitic. 5811.5-35' dolo, bn, fn to med xlyn, very sandy, shaley, good stain, fair odor, sl bleeding, few scattered anhy pockets. 5835-36' sandstone, drk bn, very fn grain, very dolomitic, shaley, hard, good stain, fair odor, sl bleeding. 5836-38' dolo, same as above. Lost 2' off bottom.

CORE NO 5: 5840-5890' cut 50' rec 50'. 48.5' dolo, 1.5' shale. 5840-56' dolo, bn, fn xlyn, sandy, shaly, porous to dense, few scatt anhy pockets, fair odor and stain, sl to fair bleeding. 5856-56.5' shale, drk gry, dolomitic, silty. 5856.5-72.5' dolo, bn, fn to med xlyn, sandy, shaly, good odor and stain, fair bleeding. 5872.5-73.5' shale, same as above. 5873.5-90' dolo, bn to tan, fn to med xlyn, w/few scatt anhy pockets, sandy and shaly, sl stain and odor, trace of bleeding from 5873.5-82.5'. Good stain, odor and fair bleeding from 5882.5-90'.

CORE NO 6: 5890-5925' cut 35' rec 35'. 35' dolo, bn to tan, fn to med xlyn, silty, shaly, well spotted w/anhy (good stain and odor, fair bleeding from 5890-92', 5921-25') fair spotted stain, fair odor, trace to fair bleeding throughout, spotty flour throughout, yellow to bright yellow.