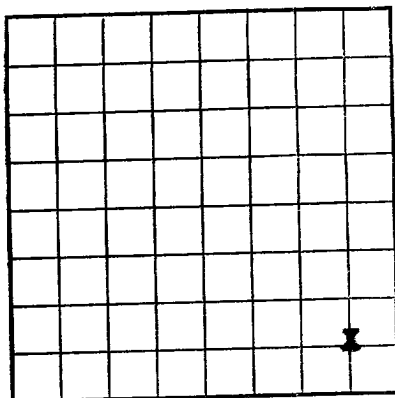


Form 9-380

U. S. LAND OFFICE **Las Cruces**
SERIAL NUMBER **050420 (b)**
LEASE OR PERMIT TO PROSPECT **Lease**

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company **Continental Oil Company** Address **Box 427, Hobbs, New Mexico**
Lessor or Tract **SEMI-J. H. Shaggs B-13** Field **Shaggs** State **New Mexico**
Well No. **1** Sec. **13** T. **20S** R. **37E** Meridian **N.M.P.M.** County **Lea**
Location **660** ft. {N.} of **8** Line and **660** ft. {W.} of **E** Line of **Section 13** Elevation **3556**
(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]**Title **District Superintendent**Date **March 31, 1952**

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

Commenced drilling **December 8**, 19 **51** Finished drilling **December 30**, 19 **51**OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from **3800** to **3855** 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—	
8 5/8	100	—	SW	2671	Guide Shoe	On top of hole	None		
5 1/2	54	8	SW	1570	On top of hole	On top of hole	None		
5 1/2	54	8	SW	1570	On top of hole	On top of hole	None		

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	278	200	Pump & Plug		
5 1/2	3729	1570	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
		S.N.C.	138	2-5-52	3800-3855	3863 FB TD

TOOLS USED

Rotary tools were used from **0** feet to **3730** feet, and from _____ feet to _____ feet
Tools were used from **3730** feet to **3919** feet, and from _____ feet to _____ feet

DATES

Put to producing **Temporarily shut in**, 19____
The production for the first 24 hours was **11** barrels of fluid of which **100** % was oil; _____ %
emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. **35**
If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. _____

EMPLOYEES

J. F. Holly, Driller **D. J. Paterson**, Driller
L. D. Barnes, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	290	290	Redbed.
290	1220	930	Redbed and Shale.
1220	1470	250	Anhydrite and Shale.
1470	1835	365	Anhydrite, Shale and Salt.
1835	2500	665	Anhydrite and Salt.
2500	2590	90	Anhydrite, Gyp and Shale.
2590	2680	90	Anhydrite and Shale.
2680	2740	60	Anhydrite, Shale and Sand.
2740	3544	804	Anhydrite and Shale.
3544	3588	44	Anhydrite, Shale and Lime.
3588	3683	95	Anhydrite, Shale and Lime.
3683	3730	47	Sandy Lime.
3730	3919	189	Lime.

Drilled to **3730'**. Set **5 1/2"** casing at **3729'**. Moved in reverse rig and drilled to **3919'**. After recovering oil load, flowed **3** bbls. oil, no water in **2** hrs, thru **3/4"** choke. Gas **846** MCF per day. GOR **25,636**. Ran temperature survey and found gas coming from bottom. Set **50'** cement plug from **3863'** to **3919'**. Shot hole with **139** qts. S.N.C. from **3800-3855'**. Cleaned out to plugged back depth **3863'**. Swabbed wall in and after recovering oil load, flowed **30** bbls. oil, **3 1/2** hrs. Flowed **3** bbls. oil last hr. Choke **2 1/4"**. GP **600%**. TP **475%**. Opened tubing and casing together flowed **11** bbls. oil, **1 1/2** hrs. in **13** hrs. GP **171%**. TP **175%**. **2196** MCF gas. GOR **109,800**. Flows **2** bbls. oil, no water on **5**-hour test. TP **200%**. GP **150%**. Flowed **12** bbls. oil, no water in **22** hrs. on **1"** choke. **1543** MCF gas. GOR **117,000**. Flowing TP **240%**. GP **480%**. On IP flowed **11** bbls. of **35** deg. gravity oil, no water in **24** hrs. thru **1"** choke on **2"** tubing. Gas volume **1404** MCF per day. GOR **127,636**. GP **420%**. TP **270%**. **2"** tubing set at **3853'**.
Well temporarily shut in.

