

DUPLICATE

Form SG 108

N.

NEW MEXICO STATE LAND OFFICE

SANTA FE, NEW MEXICO

DEPARTMENT OF THE STATE GEOLOGIST

WELL RECORD

Mail to State Geologist, Santa Fe, New Mexico, not more than ten days after completion of well. Indicate questionable data by following it with (?). Submit in duplicate.

AREA 640 ACRES
LOCATE WELL CORRECTLY

Company **Continental Oil Co.** Address **P.O.Box 66 Hobbs N.Mexico.**

Send correspondence to **Same.** Address _____

State C-20 Well No. **1** in **NW 1/4** of Sec. **20**, T. **21S**, R. **34E**, N. M. P. M., **Runice** Oil Field **Lea** County.

If State land the oil and gas lease is No. **13012** Assignment No. _____

If patented land the owner is _____, Address _____

The lessee is **Continental Oil Co.**, Address _____

If not state or patented land, give status _____

Drilling commenced **6-23-34** 19____. Drilling was completed **8-4-34** 19____

Name of drilling contractor **Naughn Drlg Co.**, Address **Dallas Texas.**

Elevation above sea level at top of casing **3623.79 Ground** feet.

The information given is to be kept confidential until _____ 19____.

OIL SANDS OR ZONES

No. 1, from **3870** to **3950 Oil** 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 **200** to **267** No. 3, from _____ to _____

No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

SIZE	WEIGHT PER FOOT	THREADS PER INCH	MAKE	AMOUNT	KIND OF SHOE	CUT & PULLED FROM	PERFORATED		PURPOSE
							FROM	TO	
13-3/8"	84.50	8	Natl	298'	T.P.				
9-5/8"	36#	8	"	1435'	10" Baker Cement Guide shoe.				
7" O.D.	24#	10	"	3862'	4" Baker Cement Guide Shoe & Float collar				
2 1/2"	6.50#	10	"	3966'	2" Tubing swang at 3949' Perforation 3945 to 3949				

MUDDING AND CEMENTING RECORD

SIZE	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
13-3/8"	307'	200	Halliburton		
9-5/8"	1435'	300	"		
7" O.D.	3849'	400	"	12 lb mud circulated ahead of casing.	

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

See Reverse side for acid Treatment.

TOOLS USED

Rotary tools were used from **0** feet to **3950** feet, and from _____ feet to _____ feet

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

PRODUCTION

After Acid Treatment.

Put to producing **8-8-34**, 19____.

The production of the first 24 hours was **1320** barrels of fluid of which **100** % was oil; _____ % emulsion; _____ % water; and _____ % sediment. Gravity, Be _____

If gas well, cu. ft. per 24 hours **1,400,000 cu. ft.** Gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. **1200#**

EMPLOYES

Robinnette. _____, Driller **Ellis.** _____, Driller

Bodkin _____, Driller _____, Driller

FORMATION RECORD ON OTHER SIDE

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

Subscribed and sworn to before me this **18** Name **W.B. Spratt**
day of **August**, 19**34** Position **District Supt.**
W.B. Spratt Representing **Continental Oil Co.**
Notary Public. Company or Operator.
My commission expires **June 1935**

DUPLICATE

AUG 21 1934
APPROVED AS O. K.
BY **W.B. Spratt**

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
80	80		Sand
80	90		Shells
90	200		Sand
200	267		Shells
267	969		Redbeds
969	1345		Redbed & Anhydrite
1345	1380		" "
1380	1390		RedBed
1390	1453		Salt
1453	1445		Anhydrite
1445	1451		Anhy & Salt
1451	1565		Salt
1565	1880		Anhy & Salt
1880	2045		Salt
2045	2829		Anhy & Salt
2829	3024		Anhydrite
3024	3060		Brown Lime
3060	3158		Grey Lime
3158	3173		Brown Lime
3173	3198		Grey Lime
3198	3230		Brown Lime
3230	3250		Grey Lime
3250	3252		Broken sand
3252	3553		Brown Lime
3553	3571		Grey Lime
3571	3587		Brown Lime
3587	3634		Grey Lime
3634	3636		Broken Lime
3636	3821		Grey Lime
3821	3825		Sand
3825	3838		Grey Lime
3838	3868		Sandy Lime
3868	3870		Grey Lime
3870	3890		Sandy Lime
3890	3915		Sandy Lime Soft Showing oil
3915	3938		Sandy Lime Hard
3938	3950	T.D.	Sandy Lime Med Hard Showing oil.

Remarks: Drilled to 3875' Took drill stem test from 3830 to 3875' showed 5 $\frac{1}{2}$ thrubbles of oil in 20 mins small amount of gas. Set 7" casing at 3846 cemented with 400 sacks of cement. Drilled plug and drilled hole to 3930'. Run 2 $\frac{1}{2}$ " tubing set at 3949' swabbed well in thru tubing and well flowed 170 bbls in 16 hrs thru tubing. Treated well with 1000 gallons of Dow X Acid on 8-5-34, 50 bbls oil lead Swabbed well in after acid treatment on 8-8-34. Test open thru tubing at rate of 55 bbls oil per hour, Gas 1,400,000 cu. ft per 24 hrs.

Texas Pipe Line Connected to lease, Allowance effective 8-4-34 180 bbls daily.