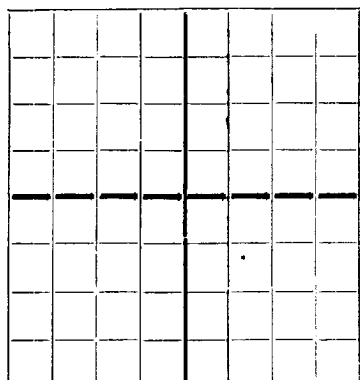


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# NEW MEXICO STATE LAND OFFICE

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 CC Hobbs N.M.**

Send correspondence to **H.B. Hurley** Address **P.O. Box CC Hobbs N.M.**

**W.D. Grimes** Well No. **4** in **SE/4** of Sec. **28**, T. **18-S**

R. **38E**, N. M. P. M., **Hobbs** Oil Field **Lea** County.

If State land the oil and gas lease is No. \_\_\_\_\_ Assignment No. \_\_\_\_\_

If patented land the owner is **W.D. Grimes** Address **Hobbs N.M.**

The lessee is **Continental Oil Co.** Address **Ponca City Okla.**

If not state or patented land, give status \_\_\_\_\_

Drilling commenced **6-25-35** 19\_\_\_\_ Drilling was completed **8-24-35** 19\_\_\_\_

Name of Drilling contractor **Trinity Drilling Co.** Address **Dallas Texas**

Elevation above sea level at top of casing **3638** feet.

The information given is to be kept confidential until \_\_\_\_\_ 19\_\_\_\_

### OIL SANDS OR ZONES

No. 1, from **4111** to **4160** No. 4, from \_\_\_\_\_ to \_\_\_\_\_

No. 2, from **4199** to **4225** 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	WEIGHT PER FOOT	THREADS PER INCH	MAKE	AMOUNT	KIND OF SHOE	CUT & FILLED FROM	PERFORATED FROM TO	Purpose
10-3/4"	40#	8	L.W.	234'2"	T.P.			
7-5/8"	26.40#	8	Sals	1655'6"	Baker	cement guide shoe		
5-1/2"	17#	10	"	4008'10"	Baker	cement guide shoe & float collar		
3"	9.300#	B.U.S.S. Tubing		3970'9"				
2-1/2"	6.50#	"		268'3"	Combination string	5-1/2" on bottom set at 4223'.		

### MUDDING AND CEMENTING RECORD

SIZE	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
10-3/4"	225	150	Halliburton		
7-5/8"	1640'	400	"		
5-1/2"	3993'	400	"		

### PLUGS AND ADAPTERS

Heaving plug—Material \_\_\_\_\_ Length \_\_\_\_\_ Depth Set \_\_\_\_\_

Adapters—Material \_\_\_\_\_ Size \_\_\_\_\_

### SHOOTING RECORD

SIZE	SHELL USED	EXPLOSIVE USED	QUANTITY	DATED	DEPTH SHOT	DEPTH CLEANED OUT

### TOOLS USED

Rotary tools were used from **0** feet to **4225** feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

### PRODUCTION

Put to producing **9-6-35**, 19\_\_\_\_

The production of the first 24 hours was **5437** barrels of fluid of which **100** % was oil; \_\_\_\_\_ % emulsion; **Flowing thru 3" tubing. Potential on curve 9700 bbls.**

If gas well, cu. ft. per 24 **Gas 1,700,000 Cuft. per day** per 1,000 cu. ft. of gas \_\_\_\_\_

Rock pressure, lbs. per sq. in. \_\_\_\_\_

### EMPLOYES

**E.C. Sterling** Driller **Les Wilson** Driller

**Ed. Cant.** 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 **9** day of **September**, 19**35**

**J.H. Spratt** Notary Public.

My commission expires **June 1937**

Name **[Signature]**

Position **Dist. Supt.**

Representing **Continental Oil Co.** Company or Operator.

# FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	160		Surface sand & Shells
160	210		Sand & Shells
210	1375		Redrock
1375	1420		Redrock & Anhydrite
1420	1618		Redrock
1618	1797		Anhydrite
1797	1887		Anhy & Salt
1887	1935		Salt & Shells
1935	2066		Salt & Anhy
2066	2355		Salt
2355	2605		Salt & Anhy
2605	2679		Hard Anhydrite
2679	2763		Salt & Anhy
2763	2765		Anhydrite
2765	2803		Lime
2803	2901		Anhy & Lime
2901	2916		Lime
2916	2945		Sandy Lime
2945	2948		Lime
2948	3084		Lime & Anhydrite
3084	3120		Lime
3120	3172		Lime & Anhydrite
3172	3202		Lime
3202	3245		Lime & Sand
3245	3309		Lime
3309	3369		Lime & Anhydrite
3369	3415		Lime
3415	3441		Lime & Anhydrite
3441	4112		Lime
4112	4160		Sand & Lime
4160	4210		Lime
4210	4225 T.D.		Sandy Lime.

Grimes # 4 set 5-1/2" casing at 3995' and cemented. After plug was drilled, ~~XXXXXX~~ well was drilled from 3995 to 4225 with oil, top of 1st pay from 4111 to 4160, second pay from 4197 to 4225', well tested at 4160' and flowed 23 bbls oil per hour 500,000 cu.ft. of gas flowing through casing, well tested again at 4225' and tested 51 bbls oil per hour 1,250,000 cu. ft gas flowing open through casing.

Tubing was run and well treated with 3000 gallon of Dwell XI heated acid, using 40 bbl oil load, well was unloaded and tested 162 bbls per hour oil gas 2,650,000 cu. ft., well was retreated with 4000 gallons of Dwell XI Acid, using 80 bbls oil load, after treatment well flowed at rate of 173 bbls oil per hour, Gas 3,400,000 cu.ft. flowing open through 3" tubing. well was retreated with 3000 gallons of Dwell XI acid using 178 bbs oil load. Well tested Sept 6th on official proration test, flowed at rate of 5457 bbls oil per day, Gas 1,700,000 cu.ft. flowing through 3" tubing, Potential on curve 9700 bbls.

Well will receive proration allowance effective Sept 16th.