

N

## NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

JUL 12 1940

HOBBS OFFICE

## WELL RECORD

Mail to Oil Conservation Commission, Santa Fe, New Mexico, or its proper agent not more than twenty days after completion of well. Follow instructions in the Rules and Regulations of the Commission. Indicate questionable data by following it with (?). **SUBMIT IN TRIPLICATE.**

**1409 Ft. Worth Nat'l Bank Bldg.  
Fort Worth, Texas**

AREA 640 ACRES  
LOCATE WELL CORRECTLY  
**Arge Oil Corporation**

**Texas State** Company or Operator **2** **37/4** Address **208**  
Well No. **321** in **Halfway** of Sec. **10**, T. **32N**  
R. **990**, N. M. P. M. **8** south **1690** East **West** **Sec 16-20N-32E** County.  
Well is **321** feet south of the North line and **3** feet west of the East line of **3**  
If State land the oil and gas lease is No. **321** Assignment No. **3**  
If patented land the owner is **321** Address **321**  
If Government land the permittee is **Arge Oil Corp. (From Texas Company)** Address **321**  
The Lessee is **March 12** **40** Address **July 6** **40**  
Drilling commenced **19** Drilling was completed **19**  
Name of drilling contractor **Peak & Croft** Address **Midland, Texas**  
Elevation above sea level at top of casing **321** feet.  
The information given is to be kept confidential until **19**

**2517** **2510** OIL SANDS OR ZONES **(Small shows oil)**  
No. 1, from **2609** to **2630** No. 4, from **2609** to **2630**  
No. 2, from **2609** to **2630** No. 5, from **2609** to **2630**  
No. 3, from **2609** to **2630** No. 6, from **2609** to **2630**

## IMPORTANT WATER SANDS

Include data on rate of **255** water inflow and elevation to which **255** water rose in hole. **6 barrels per hour**  
No. 1, from **390** to **400** feet. **2**  
No. 2, from **390** to **400** feet. **2**  
No. 3, from **390** to **400** feet. **2**  
No. 4, from **390** to **400** feet. **2**

## CASING RECORD

SIZE	WEIGHT PER FOOT	THREADS PER INCH	MAKE	AMOUNT	KIND OF SHOE	CUT & FILLED FROM	PERFORATED		PURPOSE
							FROM	TO	
<b>10 1/2</b>	<b>40</b>	<b>8</b>	<b>S. E.</b>	<b>450</b>	<b>Landol</b>				
<b>8 3/8</b>	<b>35</b>	<b>10</b>	<b>S. E.</b>	<b>805</b>	<b>Barro</b>				<b>Surface</b>
<b>7"</b>	<b>20</b>	<b>8</b>	<b>Test</b>	<b>2606</b>	<b>Landol</b>				<b>Oil string</b>

## MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
<b>9</b>	<b>8-5/8</b>	<b>263</b>	<b>30</b>	<b>Ballston</b>		
<b>7-5/8</b>	<b>7"</b>	<b>2606</b>	<b>150</b>	<b>Ballston</b>		

## PLUGS AND ADAPTERS

Heaving plug—Material **321** Length **321** Depth Set **321**  
Adapters—Material **321** Size **321**

## RECORD OF SHOOTING OR CHEMICAL TREATMENT

SIZE	SHELL USED	EXPLOSIVE OR CHEMICAL USED	QUANTITY	DATE	DEPTH SHOT OR TREATED	DEPTH CLEANED OUT
<b>1 1/2</b>	<b>Acid</b>	<b>Acid</b>	<b>1,000 gals</b>	<b>6/17/40</b>	<b>2572</b>	
	<b>Acid</b>	<b>Acid</b>	<b>1,000 "</b>	<b>7/ 7/40</b>	<b>2609</b>	

Results of shooting or chemical treatment **Swabbed only water.**

## RECORD OF DRILL-STEM AND SPECIAL TESTS

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto.

## TOOLS USED

Rotary tools were used from **0** feet to **2606** feet, and from **2606** feet to **2606** feet  
Cable tools were used from **0** feet to **2606** feet, and from **2606** feet to **2606** feet

## PRODUCTION

Put to producing **19**  
The production of the first 24 hours was **321** barrels of fluid of which **321** % was oil; **321** % emulsion; **321** % water; and **321** % sediment. Gravity, Be **321**  
If gas well, cu. ft. per 24 hours **321** Gallons gasoline per 1,000 cu. ft. of gas **321**  
Rock pressure, lbs. per sq. in. **321**

## EMPLOYEES

**Don Croft** Driller **A. C. West** Driller  
**L. A. Ash** Driller **321** 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 **10th**

day of **July** 19 **40**

**Ruth Reed**  
Notary Public

My Commission expires **June 1, 1941**

**Fort Worth, Texas** **July 10, 1940**

Name **Chas. R. Jenkins**

Position **Dist. Clerk**

Representing **Arge Oil Corporation**

Company or Operator **1409 Ft. Worth Nat'l Bank Bldg.**

Address **Fort Worth, Texas**

## FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	5	5	Caliche
5	30	25	anhydrite & red rock
30	115	85	red shale
115	205	90	red rock
205	215	10	red sand
215	295	80	red rock
295	280	15	red sand - water
280	325	45	red shale
325	350	25	red rock
350	400	50	red rock
400	410	10	sand - water
410	450	40	red rock
450	530	80	red shale
530	550	20	red rock
550	570	20	sandy shale
570	625	55	red rock
625	690	65	red rock & shale
690	820	130	red shale
820	853	33	red rock
853	868	15	red shale
868	877	9	anhydrite
877	915	38	red shale
915	935	20	anhydrite
935	970	35	anhydrite & salt shells
970	1000	30	anhydrite
1000	1000	0	gray anhydrite
1000	1135	35	salt
1135	1145	10	anhydrite (gray)
1145	1170	25	anhydrite & potash
1170	1175	5	anhydrite & salt
1175	1225	50	anhydrite
1225	1295	70	red rock broken
1295	1310	15	salt - potash
1310	1380	70	salt & red shale
1380	1400	20	salt
1400	1455	55	anhydrite
1455	1525	70	salt - potash w/ blue shells
1525	1585	60	anhydrite, salt & potash
1585	1600	15	anhydrite, salt & shells
1600	1645	45	salt & potash
1645	1680	35	salt
1680	2010	330	salt & potash
2010	2050	40	salt & potash
2050	2120	70	anhydrite, salt & potash
2120	2150	30	salt & potash
2150	2210	60	salt & anhydrite shells
2210	2270	60	anhydrite
2270	2275	5	salt & potash
2275	2325	50	salt
2325	2422	97	anhydrite
2422	2460	38	lime
2460	2476	16	subcrystalline lime
2476	2491	15	lime red sandy
2491	2512	21	lime
2512	2518	6	red lime
2518	2521	3	sand - show dead oil 2518
2521	2533	12	lime
2533	2579	46	broken sandy lime
2579	2585	6	lime
2585	2640	55	red sandy lime
2640	2662	22	lime - show oil 2629
2662	2662	0	lime & bluestone
			lime - show oil 2629