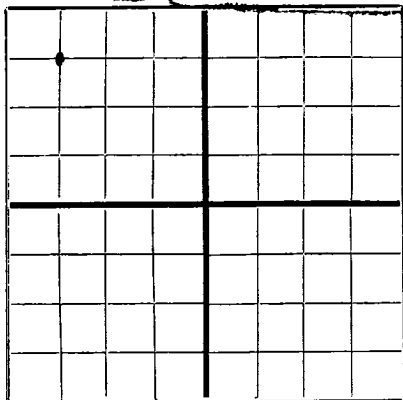


FORM C-105

N

AREA 640 ACRES
LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

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. FORM C-110 WILL NOT BE APPROVED UNTIL FORM C-105 IS PROPERLY FILLED OUT.

The Texas Company

Box 1720, Fort Worth 1, Texas

Company or Operator **J. R. Phillips** Well No. **5** in **NW 1/4 NW 1/4** of Sec. **6**, T. **20-S**
Lease **37-E**

N. M. P. M. **Monument** Field, **East West** **Lee** County.

Well is **660** feet south of the North line and **660** feet west of the East line of **Section 6**

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

If patented land the owner is **J. R. Phillips & Wife**, Address **Monument, New Mexico**

If Government land the permittee is **--**, Address **--**

The Lessee is **The Texas Company**, Address **Box 2332, Houston, Texas**

Drilling commenced **March 9** 19 **48** Drilling was completed **April 30** 19 **48**

Name of drilling contractor **McVay & Stafford Drig. Co.**, Address **1021 McBirney Bldg. Tulsa, Okla.**

Elevation above sea level at **5583** feet. (DF)

The information given is to be kept confidential until **--** 19 **--**

OIL SANDS OR ZONES

No. 1, from **5130** to **5220** No. 4, from **--** to **--**

No. 2, from **5660** to **5720** No. 5, from **--** to **--**

No. 3, from **--** to **--** No. 6, from **--** to **--**

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from **--** to **--** feet.

No. 2, from **--** to **--** feet.

No. 3, from **--** to **--** feet.

No. 4, from **--** to **--** feet.

CASING RECORD

SIZE	WEIGHT PER FOOT	THREADS PER INCH	MAKE	AMOUNT	KIND OF SHOE	CUT & FILLED FROM	PERFORATED		PURPOSE
							FROM	TO	
13-3/8"	48#	8RT	Smis	1040	Hallib.	-	-	-	-
8-5/8"	32#	8RT	Smis	909	Hallib.	-	-	-	-
8-5/8"	28#	8RT	Smis	1864	-	-	-	-	-
5-1/2"	14#	8RT	Smis	5770	Baker		5660	5720	Testing
							5195	5220	Production
							5170	5185	"
							5130	5160	"

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED
17-1/2"	13-3/8	1049	900	Halliburton	-	-
11 "	8-5/8	2774	600	Halliburton	-	-
7-3/8"	5-1/2	5770	750	Halliburton	-	-

PLUGS AND ADAPTERS

Heaving plug—Material **--** Length **--** Depth Set **--**

Adapters — Material **--** Size **--**

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	62	62	Sand & Shells
62	330	268	Red Beds
330	800	470	Red Beds, Sand & Shells
800	990	190	Red Beds & Shells
990	1385	395	Anhydrite & Salt
1385	1850	465	Salt & Anhydrite Shells
1850	2075	225	Salt & Shells
2075	2359	284	Salt & Anhydrite
2359	2568	209	Anhydrite & Some Lime
2568	2625	57	Anhydrite, Lime & Some Gyp
2625	3020	395	Anhydrite & Lime
3020	3082	2062	Lime
3082	3126	44	Lime, Gyp & Sand
3126	3642	516	Lime
3642	3661	19	Lime & Sand
3661	3734	73	Lime
3734	3744	10	Lime & Gyp
3744	3775	31	Lime
	3775		Total Depth
	5290		Plugged Back Total Depth

All measurements from Rotary Table or 12' above ground.

RECORD OF CHEMICAL TREATMENT

5-1-48	Chemical Process	500 gals mud acid	5195-5220
5-2-48	Chemical Process	2000 Gals 15%	5195-5220
5-5-48	Dowell	1000 Gals 15%	5170-5185
5-7-48	Dowell	500 Gals Mud Acid	5130-5160
5-8-48	Western	6000 Gals 15%	(5130-5160 5170-5185)

DRILL STEM TESTS

DST #1 4-12-48	5185-5215'	Tool open 2 hours & 15 minutes. Recovered 190' Oil & Gas Cut Drilling mud.
DST #2 4-13-48	5215-5235'	Tool open 2 hours. Recovered 120' Oil & Gas cut drilling mud.
DST #3 4-17-48	5585-5615'	Tool open 2 hours. Recovered 30' Drilling Mud No show oil or Gas.
DST #4 4-19-48	5654-5725'	Tool open 1-3/4 hours. Flowed 29.67 barrels Clean oil 1 hour thru 5/8" choke. GOR 1083 Gra. 39.
DST #5 4-20-48	5725-5744'	Tool open 45 minutes. Recovered 5' drilling Mud. No show oil or gas.
DST #6 4-21-48	5744-5775'	Tool open 35 minutes. Recovered 60' drilling mud. No show oil or gas.

Well was drilled to Total Depth 5775'. Cemented 5-1/2" casing at 5770' with 500 sacks. Top cement behind 5-1/2" casing at 3780'. Well unloaded from Monument Pay. Pumped 250 sacks cement down between 8-5/8" and 5-1/2" casing. Top cement behind 5-1/2" casing at 1900'. Cement was drilled out to 5775'. Set Lane-wells Bridging Plug at 5746'. Perforated 5-1/2" casing at 5660-5720' with 360---15/32" holes. Ran 2" PUE Tubing with perforation at 5730'. 4-27-48 well flowed 367 barrels fluid thru 3/4" choke 2/10 BSAW. GOR 1030. 2" Tubing was pulled. Ran tubing with Baker cement Retainer set at 5320'. Spotted 30' cement on top of Retainer. Perforated 5-1/2" casing at 5195-5220' with 150--1/2" holes. Ran Tubing with 3' perforation at 5243'. Well swabbed water with rainbow of oil. No Gas. Swabbed Dry. Acidized perforations 5195-5220', 5-1-48, with 500 gals. mud acid (Chemical Process). Swabbed at rate of 2 barrels per hour, 1% BSAW. Acidized, 5-2-48, with 2000 gallons (Chemical Process) acid. Swabbed 57 barrels fluid 24 hours. 1-6% acid residue. Perforated 5-1/2" casing 5170-5185' with 90 shots. Spotted 50 gallons Jel Seal & Jel Flakes down tubing to close off perforations 5195-5220', with Dowell Pilot set at 5182' acidized perforations 5170-5185', with 1000 gallons Dowell 15% acid. Completed 5-5-48. Swabbed 24 hours 132