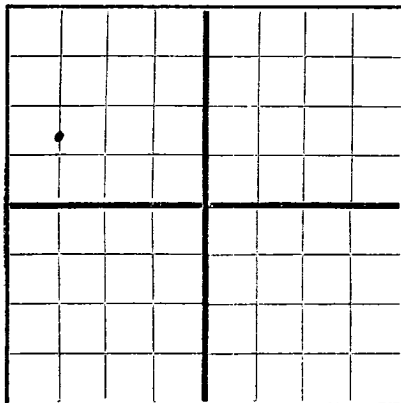


DUPLICATE

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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. **6** in **SW 1/4 NW 1/4** of Sec. **6**, T. **20S**
Lease
R. **372** N. M. P. M., Monument - **Abbe** Field, **Lee** County.
Well is **1897** feet south of the North line and **660** feet east 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 and wife**, Address **Monument, N. M.**
If Government land the permittee is, Address
The Lessee is **The Texas Company, Box 2332**, Address **Houston, Texas**
Drilling commenced **August 1** 19 **49** Drilling was completed **September 30** 19 **49**
Name of drilling contractor **McVay & Stafford Drilg. Company**, Address **1021 McBirney Bldg., Tulsa, Oklahoma**
Elevation above sea level at top of casing **3576** feet. (DF)
The information given is to be kept confidential until 19

OIL SANDS OR ZONES

No. 1, from **7480** to **7760** No. 4, from to
No. 2, from to 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	Sals	308	Larkin	-	-	-	-
8 5/8	28#	8RT	Sals	2792	Hallib.		1385		(Cement Casing)
5 1/2	15.5#	8RT	Sals	6443	Larkin		4530		(Cement Casing)
							7480	7540	Production
5 1/2	17#	8RT	Sals	1363			7565	7620	Production

(See remarks for re-perforated zones.)

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	322	325	Halliburton		
11	8 5/8	2792	2300	Halliburton		
7 3/8	5 1/2	7759	1250	Halliburton		

PLUGS AND ADAPTERS

Heaving plug—Material Length Depth Set
Adapters — Material Size

RECORD OF SHOOTING OR CHEMICAL TREATMENT

SIZE	SHELL USED	EXPLOSIVE OR CHEMICAL USED	QUANTITY	DATE	DEPTH SHOT OR TREATED	DEPTH CLEANED OUT

(See Back)

Results of shooting or chemical treatment
Pumped 12-30-49 116.5 bbls. oil & 4.82 bbls. water in 24 hours. GOR 250, Gra 36.3.

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 feet to feet, and from feet to feet
Cable tools were used from **0** feet to **7760** feet, and from feet to feet

PRODUCTION

Put to producing, 19 **49**
The production of the first **24** hours was **91.77** barrels of fluid of which **100** % was oil; % emulsion; % water; and % sediment. Gravity, Be.
If gas well, cu. ft. per 24 hours Gallons gasoline per 1,000 cu. ft. of gas
Rock pressure, lbs. per sq. in.

EMPLOYEES

Driller **Floyd Barnes** Driller **Guy Marker**
Driller **B. F. Clark** Driller **J. N. Grisham**

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 **11**

day of **February**, 19 **50**

Saraty Duke
Notary Public

My Commission expires **6-1-51**

Midland, Texas **2-11-50**
Date

Name **Allen**

Position **District Superintendent**

Representing **The Texas Company**

Address **Box 1270, Midland, Texas**

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	212	212	Caliche & Sand
212	325	113	Caliche, Rocks & Red Beds
325	975	650	Red Beds
975	1078	103	Anhydrite
1078	1298	220	Salt & Shells
1298	1500	202	Salt & Anhydrite
1500	1940	440	Salt
1940	2225	285	Salt & Anhydrite
2225	2311	86	Anhydrite & Gyp
2311	2390	79	Anhydrite
2390	2458	68	Sand
2458	2528	70	Anhydrite & Potash
2528	2792	264	Anhydrite
2792	3224	432	Lime
3224	3385	161	Lime & Gyp
3385	5094	1709	Lime
5094	5237	143	Lime & Sand
5237	5582	345	Lime
5582	5605	23	Lime & Sand
5605	6018	413	Lime
6018	6097	79	Lime & Sand
6097	6216	119	Lime
6216	6245	29	Lime & Sand
6245	6720	475	Lime
6720	6770	50	Lime & Sand
6770	7187	417	Lime
7187	7267	80	Lime & Chert
7267	7708	441	Lime
7708	7744	36	Lime & Sand
7744	7760	16	Lime
	7760		TOTAL DEPTH
	7680		PBTD

All measurements from rotary table or 13' above ground.

ACID RECORD

Chemical Process	15%	1000 Gals	10-7-49	7565-7620
Chemical Process	15%	3000 Gals	10-8-49	7565-7620
Chemical Process	15%	1000 Gals	10-9-49	7480-7540
Chemical Process	15%	3000 Gals	10-12-49	7480-7540
Chemical Process	15%	6000 Gals	11-2-49	7480-7540

DEVIATION TESTS

150 - 1/4	2985 - 1/2	5890 - 3 3/4
600 - 1/4	3412 - 1/2	6320 - 1 3/4
1100 - 1/4	3916 - 1/2	6530 - 2
1450 - 1 1/4	4381 - 1/4	7070 - 2
1925 - 3/4	4862 - 1	7385 - 1 1/2
2490 - 1	5380 - 2 1/4	7708 - 2 1/2

DRILLSTEM TESTS

DST #1 8-30-49	5175-5207	Open 2 hours. Recovered 90' oil, 210' gas & oil cut drilling mud. No water.
DST #2 8-31-49	5205-5237	Open 1 hour & 35 minutes. Recovered 1860' oil, 150' drilling mud. No water. Gas 13,000 cubic feet per day.
DST #3 9-4-49	5586-5627	Open 35 minutes. Recovered 20' drilling mud. No show gas or oil.
DST #4 9-22-49	7180-7265	Open 2 1/2 hours. Recovered 4030' oil & gas cut drilling mud, 180' free oil, 1980' salt water.
DST #5 9-25-49	7440-7500	Open 2 1/2 hours. Recovered 28' drilling mud. No show oil or gas.
DST #6 9-26-49	7500-7540	Open 2 hours & 45 minutes. Recovered 540' free oil, 300' oil cut drilling mud. Gas 61,200 cubic feet per day.
DST #7 9-27-49	7540-7570	Open 2 1/2 hours. Recovered 40' drilling mud. Gas 110,500 cubic feet per day.
DST #8 9-28-49	7570-7610	Open 2 1/2 hours. Recovered 750' free oil & 180' oil cut drilling mud. Gas volume 27,400 cubic feet per day.
DST #9 9-29-49	7610-7650	Open 2 1/2 hours. Recovered 45' gas cut drilling mud. Gas volume 6,910 cubic feet per day.
DST #10 9-30-49	7650-7708	Open 2 1/2 hours. Recovered 165' of oil cut mud.
DST #11 10-1-49	7708-7760	Open 2 1/2 hours. Recovered 360' drilling mud, 180' oil cut mud & 1290' salt water.

REMARKS

This well was drilled to TD 7760'. 5 1/2" Casing was cemented at 7759' and cement was washed out to PBTD 7680'. Perforated 5 1/2" casing 7480-7540' and 7565-7620' with 6-1/2" holes per ft. with packer set at 7556'. Acidized with 1000 gals. Chemical Process 15% acid thru perforations 7565-7620' on 10-7-49. Well swabbed 91.77 bbls. oil in 15 hours. Acidized with 3,000 gals. Chemical Process 15% thru perforations 7565-7620' on 10-8-49. Well swabbed 12.45 bbls. fluid in four hours, 5.4% BS. Acidized with 1,000 gals. Chemical Process 15% acid 7480-7540' on 10-9-49. Swabbed 24 hours 168 bbls. fluid 5.4% BS, 4% water. Last hour 19.6% BS. Pulled tubing & packer and jet perforated 5 1/2" casing 7525-7540' and 7485-7515' with four shots per foot. Set packer at 7556'. Acidized perforations above packer with 3,000 gals. Chemical Process 15% acid on 10-12-49. Well swabbed 208 bbls. oil and 33 bbls. water in 27 hours. Last hour swabbed 4 bbls. fluid 4% BS & 4% water. Acidized perforations 7480-7540' with 6,000 gals. Chemical Process 15% acid on 11-2-49. On 24 hour pumping test 12-30-49 well pumped 116.5 bbls. oil & 4.82 bbls. water. GOR 250. Gra. 36.3.