

SIDE ONE

(Rules 82-3-130 and 82-3-107)

DOCKET NO. NP

This form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within ninety (90) days after the completion of a well, regardless of how the well was completed.

FOR INFORMATION REGARDING THE NUMBER OF COPIES TO BE FILED AND APPLICATIONS REQUIRING COPIES OF ACO-1 FORMS SEE PAGE TWO (2), SIDE TWO (2) OF THIS FORM.

F Letter requesting confidentiality attached.

C Attach ONE COPY of EACH wireline log run (i.e. electrical log, sonic log, gamma ray neutron log etc.)***Check here if NO logs were run

PLEASE FILL IN ALL INFORMATION. IF NOT AVAILABLE, INDICATE. IF INFORMATION LATER BECOMES AVAILABLE, SUBMIT BY LETTER.

LICENSE # 5816 EXPIRATION DATE June 30, 1984

OPERATOR Gulf Oil Corporation API NO. 015-093-None

ADDRESS P. O. Box 12116 COUNTY Barber

Oklahoma City, OK 73157 FIELD Palmer

** CONTACT PERSON J. E. Marshall PROD. FORMATION Mississippi
PHONE (405) 949-7000 Indicate if new pay.

PURCHASER Northwest Central Pipeline Company LEASE Mamie Hopkins

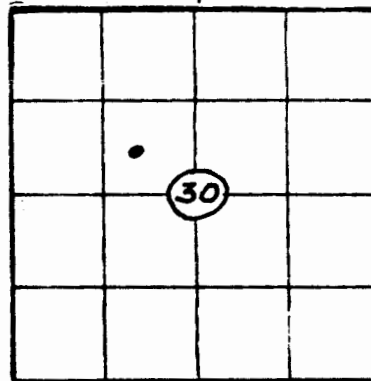
ADDRESS 800 Sutton Place Bldg. WELL NO. 1
209 East William
Wichita, KS 67202 WELL LOCATION SE NW

DRILLING Leben Drilling Company 1980 Ft. from N Line and
CONTRACTOR 1943 Ft. from W Line of
ADDRESS 905 Central Bldg. the NW (Qtr.) SEC 30 TWP 32S RGE 13 (W)

PLUGGING None
CONTRACTOR
ADDRESS

WELL PLAT

(Office Use Only)



KCC
KGS
SWD/REP
PLG.
NGPA

TOTAL DEPTH 5050' PBDT 4653'

SPUD DATE 11-08-60 DATE COMPLETED 12-23-60

ELEV: GR 1662 DF 1664 KB 1666

DRILLED WITH (CABLE) (ROTARY) (AIR) TOOLS.

DOCKET NO. OF DISPOSAL OR REPRESSURING WELL BEING USED TO DISPOSE OF WATER FROM THIS LEASE 67357-C

Amount of surface pipe set and cemented 1229' DV Tool Used? No

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
Spotted 500 Gals. MA acid	4572

Date of first production 08-08-61	Producing method (flowing, pumping, gas lift, etc.) Flowing		Gravity	
Estimated Production-I.P. 30	Oil bbls. 1780	Gas MCF 54	Water % 35	Gas-oil ratio bbls. 59,333
Disposition of gas (vented, used on lease or sold) Sold			Notched @ 4572' Perforations	

* 150 sx Pozmix A less 2% bent plus 0.5% LWL fol by 50 sx w/2% CaCl

WELL NO 1

FILL IN WELL INFORMATION AS REQUIRED:

Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

Show Geological markers, logs run, or other Descriptive information.

Formation description, contents, etc.	Top	Bottom	Name	Depth
<p>Check if no Drill Stem Tests Run.</p> <p>Check if samples sent Geological Survey.</p> <p>DST No. 1:</p> <p>- Weak blow. Recovered 10 gallons drilling mud, no show. 30-minute ISI 90#, 30-min FSI 72#, IF 55#, FF 65#, IH 2258#, FH 2270#. BHT 121°F. 1-Hour test.</p> <p>DST No. 2:</p> <p>- Open 1 hour. Gas to surface 2 minutes, 1980 MCF/D, 3170 MCF/5 min, 3499 MCF/10 min, 3586 MCF/15 min, 3700 MCF/20 min, 3671 MCF/25 min, 3671 MCF/30 min, 3700 MCF/40 min, 3999 MCF/50 min, 3990 MCF/60 min. Spray of muddy oil to surface in 28 minutes. Flowed 2.5 barrels muddy oil in 20 minutes. Recovered 465 feet mud-cut oil, no water. Well tried to flow last 180 feet. Sample showed 4% mud. Gravity 23° @ 60°F. 30-min ISI 1715#, 30-min FSI 1695#, IF 1115#, FF 1085#, IH 2290#, FH 2290#. BHT 125°F.</p>	4510	4540	Radiation Guard Log Temperature Survey LKC Marmaton Massey Mississippian Kinderhook Viola Simpson sh Simpson sd	0' - 5051 3500'-4636' 4064 (-2218) 4484 (-2638) 4528 (-2682) 4552 (-2706) 4808 (-2967) 4876 (-3030) 5000 (-3154) 5022 (-3182)

If additional space is needed use Page 2

Report of all strings set — surface, intermediate, production, etc.

CASING RECORD (New) or (Used)

Purpose of string	Size hole drilled	Size casing set (in O.D.)	Weight lbs/ft.	Setting depth	Type cement	Sacks	Type and percent additives
Surface		20"		70'	Pozmix	150	HA5
Intermediate	12 1/4"	8 5/8"	28#	1226	150 sx com mixed w/16% gel, 4% HA5 fol by 40 sx com w/3% HA5. No re-		
					turns. Cmtd w/3 stages: 1st-20 sx com 3% HA5. 2nd-145 sx com w/10% gel. 3rd 200		
Production		5 1/2"	14#	4688	*See below		1 cmt. to surface

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type Dowell Abrasijet	Depth interval
None			Notched		4572

Size	Setting depth	Packer set at
None		

Information.

30-32-13W

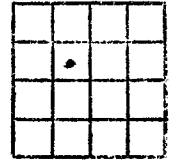
WELL LOG BUREAU—KANSAS GEOLOGICAL SOCIETY
508 East Murdock, Wichita, Kansas

Company- GULF OIL CORP.
Farm- Mammie Hopkins No. 1

SEC. 30 T. 32 R. 13W
C SE NW

Total Depth. 5050'
Comm. 11-8-60 Comp. 12-4-60
Shot or Treated.
Contractor. Leben Drlg.
Issued. 6-17-61

County Barber
KANSAS



CASING:
3 5/8" 1229' cem w/555 sx.
5 1/2" 4688' cem w/150 sx.

Elevation. 1844' RB

Production. 34 BOPD &
1,780,000 CFG

Figures Indicate Bottom of Formations.

surface clay & rock	50
shale	100
rock	102
shale & red bed	200
shale & shells	420
shale & red bed	427
red rock & shale	770
shale & shells	1018
shale	1250
shale & lime	1775
shale & shells	1900
lime & shale	2155
lime	2420
lime & shale	2595
lime	2680
lime & shale	2935
lime	2990
shale & lime	3135
lime	3385
lime & shale	3510
lime	3884
lime & shale	4075
lime	4860
shale & lime	4890
lime	4995
lime & Simpson sand	5050 RTD
Total Depth	

TOPS: SCOUT	
Lansing	4064
Marmaton	4484
Massey	4528
Mississippi	4552
Kinderhook	4808
Viola	4876