

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

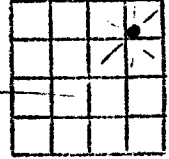
20-34-12W

Company. MAGNOLIA PETROLEUM CO.
Farm. R. B. Cook No. 1

SEC. 20 T. 34 R. 12W
SW NE NE
1215' fr NL, 1140' fr EL

County Barber
KANSAS

Total Depth. 4830
Comm. 11-12-55 Comp. 12-12-55
Shot or Treated.
Contractor. Graham-Messman-Rinehart Oil Co.
Issued. 2-11-56



Elevation. 1481 DF

CASING:
9 5/8 @ 355' w/ 300 sx cmt.
5 1/2 @ 4829' w/ 200 sx cmt.

Production. 5,300,000 CFGPD

Figures indicate Bottom of Formations.

sand & clay	48
sand, clay & red bed	356
red bed, shale & gyp	1120
shale	1800
shale & lime	2110
lime	2249
lime & shale	2515
shale	2701
shale & lime	4219
lime	4265
lime & shale	4403
lime	4451
shale & lime	4556
lime	4581
lime & shale	4643
lime	4703
lime & chert	4830
Total Depth	

TOPS:	
Elgin	3576
Heebner	3811
Lansing	4006
Kansas City	4306
Burgess sand	4696
Mississippi	4708

**State Geological Survey
WICHITA BRANCH**

81
20-34-12W

TYPE

AFFIDAVIT OF COMPLETION FORM

ACO-1 WELL HISTORY

Compt. _____

SIDE ONE

Two (2) copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within thirty (30) days after the completion of a well, regardless of how the well was completed.

F Attach separate letter of request if the information is to be held confidential. If confidential, only file one copy. Information on Side One will be of public record and Side Two will then be held confidential.

Applications must be made on dual completion, commingling, salt water disposal, injection and temporarily abandoned wells.

C Attach one copy only wireline logs (i.e. electrical log, sonic log, gamma ray neutron log, etc.). (Rules 82-2-105 & 82-2-125) KCC# (316) 263-3238. No Log

LICENSE # 5208 EXPIRATION DATE 6/30/83

OPERATOR Mobil Oil Corporation API NO. 15-007-00189

ADDRESS P. O. Box 5444 COUNTY Barber

Denver, CO 80217 FIELD Hardtner/Miss.

** CONTACT PERSON C. J. Park, Prod. Acctg. Supv. PROD. FORMATION Burgess

PHONE 303/572-2696

PURCHASER Cities Service Gas Company LEASE Robert B. Cook

ADDRESS 710 Sutton Pl. Bldg., 209 E. William WELL NO. #1

Wichita, Ks 67202 WELL LOCATION SW NE NE

DRILLING CONTRACTOR Graham-Messman-Rinehart Drlg. Co. 1140 Ft. from East Line and

ADDRESS 1005 East Second 1215 Ft. from North Line of

Wichita, KS the NE (4Qtr.) SEC 20 TWP 34S RGE 12W (W).

PLUGGING - WELL PLAT (Office Use Only)

CONTRACTOR _____ KCC _____

ADDRESS _____ KGS

TOTAL DEPTH 4829' PBDT 4796' SWD/REP _____

SPUD DATE 11/12/55 DATE COMPLETED 12/6/55 PLG. _____

ELEV: GR 1474 DF _____ KB 1484

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

DOCKET NO. OF DISPOSAL OR REPRESSURING WELL BEING USED TO DISPOSE OF WATER FROM THIS LEASE 64,869-C

(C-8,371)

Amount of surface pipe set and cemented 355' DV Tool Used? No

THIS AFFIDAVIT APPLIES TO: (Circle ONE) - Oil, Gas, Shut-in Gas, Dry, Disposal,

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used		Depth interval treated
**See attached page for description of acidizing procedures/		4740-52'
materials used.		4712-30'
Date of first production 12/11/55	Producing method (Flowing, pumping, gas lift, etc.) flowing	Gravity
Estimated Production -I.P. Oil -	Gas 5,300 Water %	Gas-oil ratio
Disposition of gas (vented, used on lease or sold)	bbbls. MCF	bbbls. CFPB

SIDE TWO

ACO-1 WELL HISTORY (E)

OPERATOR **WST-PE-06**

Oil Corporation LEASE Robert B. Cook SEC. 20 TWP. 34S RGE. 12W(W)

FILL IN WELL INFORMATION AS REQUIRED:

WELL NO. 1

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
Check if no Drill Stem Tests Run.				
Sand - Clay	0	48	Elgin Sand	3575
Sand - Clay - Red Bed	48	356	Heebner	3803
Red Bed - Shale - Gyp	356	1120	Lansing	4006
Shale	1120	1800	Kansas City	4369
Shale - Lime	1800	2110	Burgess Sand	4701
Lime	2110	2249	Miss. Chert	4713
Lime - Shale	2249	2515	R.T.D.	4830
Shale	2515	2701	P.B.	4796
Lime - Shale	2701	2824		
Shale - Lime	2824	3060	Elgin	3576
Lime - Shale	3060	3256	Heebner	3811
Shale - Lime	3256	3492	Lansing	4006
Lime - Shale	3492	3604	Kansas City	4306
Shale - Lime	3604	3845	Burgess Sand	4696
Lime - Shale	3845	3910	Mississippi	4708
Shale - Lime	3910	4219	Depth reading	4823*
Lime	4219	4265		
Shale - Lime	4265	4349	*Drilled 3' cave going	
Lime - Shale	4349	4403	back in hole. 4'-5'	
Lime	4403	4451	depth discrepancy between	
Shale - Lime	4451	4556	E. Log & Drilling time	
Lime	4556	4581	correlation.	
Lime - Shale	4581	4643		
Lime	4643	4703		
Core #1	4703	4753		
core #2	4753	4799		
Mississippi	4799	4818		
Lime - Chert	4818	4830	T.D.	

If additional space is needed use Page 2, Side 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	12 1/4"	9 5/8"	25.4#	355'	Pozmix	300	
Production	7 7/8"	5 1/2"	14#	4829'	Pozmix	200	

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
					4740-52

TUBING RECORD

4712-30

P1

SIDE TWO (Page Two)

ACO-1 WELL HISTORY

OPERATOR Mobil Oil Corporation LEASE NAME Robert B. Cook

SEC. 20 TWP. 34S RGE. 12W

(W)

Mobil ~~Oil~~ FILL IN WELL LOG AS REQUIRED WELL NC

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.

²⁰ SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
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State Geological Survey
WICHITA BRANCH

**Acidizing/Frac Procedures/Materials

12/2/55: Vis-o-frac perf #1 (4740-52) thru 2" tubing w/pkr. at 4697', tail pipe at 4738', w/7000# sand and 7000 gal. Use oil, break w/oil 4200# 4 BPM (18 BLO) treat 4600# - 3000# final 3000# input rate 4 BPM, flush w/30 BLO - press. drop for 3000# to 300# 5 min. after pump shut down - shut in 4 hours, flowed 90 BLO in 7 hrs. 16/64" ch. TP 1520#, last hr. flowed 8 BLO, gas volume 1450 MCF (-176 BLO).

12/5/55: Vis-o-frac perf #2 (4712-30') thru 2" tubing w/pkr. at 4677', tail pipe at 4710' w/10,000# sand and 10,000 gal. Use oil, break w/oil 4100# rate 4.2 BPM (35 BLO) treat 4100# - 3950E, rate 4.8 BPM, flush w/35 BLO (total 310 BLO), press drop to 300# - 5 min. after pump shut down; shut in 4 hrs. flowed 120 BLO in 12 hrs. 3/4" ch, last hr. 3 BLO (-190 BLO); gas volume 5890 MCF, 5890 MCF TP 480#; killed well, pulled 2" tubing and pkr. Drilled plug from 4734 to 4796 FR; 16/64" ch. 1630 MCF TP 1540#, 22/64" ch. 2740, MCF TP 1400, 3/4" ch. 5890 MCF TP 480#, flowed 10 BLO 9 hrs. (-110 BLO).