

TYPE

AFFIDAVIT OF COMPLETION FORM
State Geological Survey
WICHITA BRANCH

ACO-1 WELL HISTORY

SIDE ONE

14-7-22W
Compt.

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.

LICENSE # 5669 EXPIRATION DATE June 30, 1984

OPERATOR Helberg Oil Company API NO. 15-065-21823

ADDRESS Box 32 COUNTY Graham
Morland, Ks. 67650 FIELD Wildcat

** CONTACT PERSON Jerry M. Helberg PROD. FORMATION Arbuckle
PHONE 913-627-5665

PURCHASER Clear Creek, Inc. LEASE Worcester

ADDRESS McPherson, Ks. 67460 WELL NO. 1

DRILLING Helberg Oil Company 1650 Ft. from North Line and

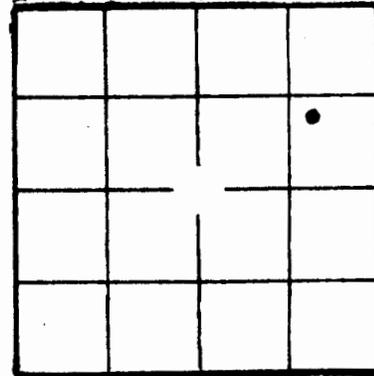
CONTRACTOR CONTRACTOR ADDRESS Box 32 1650 Ft. from West Line of

ADDRESS Morland, Ks. 67650 the (Qtr.) SEC 14 TWP 7 RGE 22 (E) (W)

PLUGGING CONTRACTOR CONTRACTOR ADDRESS

WELL PLAT

(Office Use Only)



KCC
KGS
SWD/REP
PLG.

TOTAL DEPTH 3768' PBTD

SPUD DATE 7-14-1983 DATE COMPLETED 7-29-1983

ELEV: GR 2220 DF KB 2225'

DRILLED WITH ~~X(CABINE)~~ (ROTARY) ~~X(CAKE)~~ TOOLS.

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

Amount of surface pipe set and cemented 201' DV Tool Used?

THIS AFFIDAVIT APPLIES TO: (Circle ONE) Oil, Gas, Shut-in Gas, Dry, Disposal, Injection, Temporarily Abandoned, OWWO, Other

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used				Depth-interval treated	
Date of first production		Producing method (flowing, pumping, gas lift, etc.)		Gravity	
Estimated Production -I.P.	Oil	Gas	Water	Gas-oil ratio	CFPS
	10		95 %	190	
Disposition of gas (vented, used on lease or sold)			Perforations		

FILL IN WELL INFORMATION AS REQUIRED:

WELL NO. 1

FORMATION DESCRIPTION, CONTENTS, ETC.		TOP	BOTTOM	NAME	DEPTH
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, LOG OR OTHER DESCRIPTIVE INFORMATION.					
Check if no Drill Stem Tests Run.					
Sand & Shale		0	226		
Sand & Shale		226	943		
Sand & Shale		943	1517		
Sand & Shale		1517	1806		
Shale		1806	2063		
Shale		2063	2283		
Shale		2283	2485		
Shale		2485	2645		
Lime & Shale		2645	2808		
Lime & Shale		2808	2914		
Lime & Shale		2914	3002		
Lime & Shale		3002	3099		
Lime & Shale		3099	3160		
Lime & Shale		3160	3205		
Lime		3205	3297		
Lime		3297	3375		
Lime & Shale		3375	3431		
Lime & Shale		3431	3462		
Lime & Shale		3462	3490		
Lime & Shale		3490	3534		
Lime		3534	3590		
Lime		3590	3633		
Lime		3633	3661		
Lime		3661	3711		
Lime		3711	3758		
Lime		3758	3768		
T.D.		3768			
Run Casing					

If additional space is needed use Page 2, Side 2

Report of all strings set — surface, intermediate, production, etc. CASING RECORD (New) ~~XXXXXXXXXX~~

Purpose of string	Size hole drilled	Size casing set (in O.D.)	Weight lbs/ft.	Setting depth	Type cement	Socks	Type and percent additives
Surface	12 1/4"	8 5/8"	24#	201'	Common	125	3% Cal Cl 2% Gel
Production	7 7/8"	4 1/2"	10.5#	3767	Common	150	

LINER RECORD			PERFORATION RECORD		
Top, ft.	Bottom, ft.	Socks cement	Shots per ft.	Size & type	Depth interval
TUBING RECORD					
Size	Setting depth	Pecker set at			
2 3/8	3550				

FILL IN WELL LOG AS REQUIRED:

Show all important zones of porosity and contents thereof; cased 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
Drill Stem Test #1 Interval Tested 3411-3431 Tool Open Before I.S.I.----- 15 min. Initial Shut-in ----- 15 min. Flow Period----- 5 min.			Topeka 3188 Heebner 3400 Toronto 3425 Lansing K.C. 3442 Marmaton 3704 B. Penn. Con. 3720 Arbuckle 3741	Lea Level Dat -963 -1175 -1200 -1217 -1479 -1495 -1543
Drill Stem Test #2 Interval Tested 3411- 3431 First Initial Flow -----51 PSI First Final Flow-----51 PSI Initial Closed-in-----61 PSI Tool Open before I.S.I ----- 25 Min. Initial Shut-in-----15 Min. Recovery 10 Feet Mud.				
Drill Stem Test #3 Interval Tested 3470-3490 First Initial Flow ----- 82 PSI First Final Flow-----134 PSI Initial Closed-in-----1174 PSI Second Initial Flow-----186 PSI Second Final Flow-----186 PSI Tool Open Before I.S.I.---- 30 Min. Initial Shut-in----- 30 Min. Flow Period----- 15 Min. Recovered 170' M.C. Gassy Oil 53%O 2%G 45%M Recovered 150' O.C.M.W. 3%O 30%M 67%W Recovered 650' Mud.				
Drill Stem Test #4 Zone Tested--K.C. Interval Tested 3489-3534 600' Mud Misrun				
Drill Stem Test #5 Zone Tested Arbuckle Interval Tested 3738-3858 Misrun				
Drill Stem Test #6 Zone Tested Arbuckle Interval Tested 3735-3758 First Initial Flow----- 81 PSI First Final Flow----- 81 PSI Initial Closed-in----- 776 PSI Second Initial Flow----- 102 PSI Second Final Flow----- 102 PSI Final Closed-in----- 570 PSI Tool Open Before I.S.I.---- 30 Min. Initial Shut-in-----30 Min. Flow Period----- 30 Min. Final Shut-in----- 30 Min. Recovered 40' Gas in pipe Recovered 10' F.O. Recovered 80' O.C.M. 10%O 2%W 88%M Shot 3750-3758 with 32 shots acidized with 250 gal regular 15% Shot 3702-3706 with 16 shots acidized with 500 gal regular 15% Shot 3680-3684 with 16 shots acidized with 500 gal regular 15% Shot 3622-3626 with 16shots Shot 3592-3596 with 16 shots acidized with 500 gal regular 15% Shot 3518-3522 with 16 shots acidized with 500 gal regular 15% Shot 3498-3502 with 16 shots acidized with 500 gal regular 15% Shot 3477-3481 with 16 shots acidized with 500 gal regular 15% Shot 3434-3438 with 16 shots acidized with 500 gal regular 15%				