

TYPE

AFFIDAVIT OF COMPLETION FORM

ACO-1 WELL HISTORY

SIDE ONE

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 0000

ADDRESS Box 32 COUNTY Graham

Morland, Ks. 67650 FIELD Wildcat WORCESTER

** 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

WELL LOCATION NW SE NW

DRILLING Helberg Oil Company 1650 Ft. from North Line and

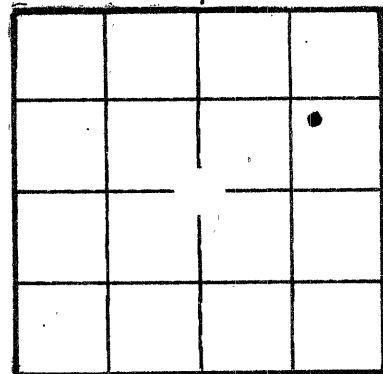
CONTRACTOR CONTRACTOR 1650 Ft. from West Line of

ADDRESS Box 32 the (Qtr.) SEC 14 TWP 7 RGE 22 (W)

Morland, Ks. 67650

PLUGGING CONTRACTOR WELL PLAT (Office Use Only)

ADDRESS



KCC ✓

KGS ✓

SWD/REP

PLG.

TOTAL DEPTH 3768' PBSD

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

ELEV: GR 2220 DF KB 2225'

DRILLED WITH ~~(CABLE)~~ (ROTARY) ~~(K&K)~~ 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?

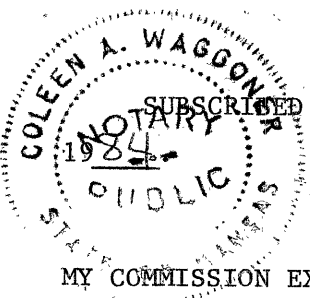
THIS AFFIDAVIT APPLIES TO: (Circle ONE) Oil, Gas, Shut-in Gas, Dry, Disposal, Injection, Temporarily Abandoned, OWWO. Other

ALL REQUIREMENTS OF THE STATUTES, RULES AND REGULATIONS PROMULGATED TO REGULATE THE OIL AND GAS INDUSTRY HAVE BEEN FULLY COMPLIED WITH.

A F F I D A V I T

Jerry M. Helberg, being of lawful age, hereby certifies that:

I am the Affiant, and I am familiar with the contents of the foregoing Affidavit. The statements and allegations contained therein are true and correct.



SUBSCRIBED AND SWORN TO BEFORE ME this 27th day of January,

Jerry M. Helberg (Name)

Coleen A. Waggoner (NOTARY PUBLIC)

MY COMMISSION EXPIRES: March 11, 1986

** The person who can be reached by phone regarding any questions concerning this information.

RECEIVED STATE CORPORATION COMMISSION

JAN 31 1984

1/31/84

CONSERVATION DIVISION Wichita, Kansas

SIDE TWO

OPERATOR Helberg Oil Company

LEASE Worcester

ACO-1 WELL HISTORY (E)
SEC. 14 TWP. 7 RGE 22 (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 & 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	Sacks	Type and percent additives
Surface	12 1/2"	8 5/8"	24#	201'	Common	125	3% Ca1 Cl 2% Gel
Production	7 7/8"	4 1/2"	10.5#	3767	Common	150	

LINER RECORD

PERFORATION RECORD

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

TUBING RECORD

Size	Setting depth	Packer set at
2 3/8	3550	

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
	10 bbls.		95 % 190 bbls.	

Disposition of gas (vented, used on lease or sold)	Perforations

15-065-21823-00-00

OPERATOR Helberg Oil Company

LEASE NAME Worcester 1

SEC. 14 TWP. 7 RGE. 22

(E)
(W)

FILL IN WELL LOG AS REQUIRED:

Show all important zones of permeability 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
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 Datum -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% retreated with another 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%				