

TYPE 21
SIDE ONE

AFFIDAVIT OF COMPLETION FORM

ACO-1 WELL HISTORY

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.

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.

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 # 5259 EXPIRATION DATE 6-30-83

OPERATOR Ma1 Operations API NO. 15-141-20,133 00-00

ADDRESS Box 33 COUNTY Osborne

Russell, Kansas 67665 FIELD W.G. Discovery Well

** CONTACT PERSON D.E. Wolfe PROD. FORMATION Lans. K.C.

PHONE 913-483-169

PURCHASER Koch Oil Company LEASE J. Hrabe

ADDRESS Box 2256 WELL NO. 1

Wichita, Ks. 67201 WELL LOCATION C N 1/2-S 1/2-S1/2

DRILLING CONTRACTOR Shields Drlg. Co. 990 Ft. from South Line and

ADDRESS Shields Bldg. 2640 Ft. from West Line of

Russell, Ks. 67665 the (Qtr.) SBO TWP 8 RGE 15

PLUGGING CONTRACTOR _____ WELL PLAT _____ (Office Use Only)

ADDRESS _____

TOTAL DEPTH 3660' PBD 3432'

SPUD DATE 4-3-82 DATE COMPLETED 4-12-82

ELEV: GR 2042' DF _____ KB 2047'

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

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

KCC _____
KGS _____
SWD/REP _____
PLG. _____

Amount of surface pipe set and cemented 276' DV Tool Used? No.

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

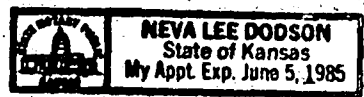
D. E. Wolfe, being of lawful age, hereby certifies that:

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.

D.E. Wolfe
(Name)

SUBSCRIBED AND SWORN TO BEFORE ME this 3rd day of August

19 82



Neva Lee Dodson
(NOTARY PUBLIC)

MY COMMISSION EXPIRES: June 5, 1985

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

RECEIVED 3-02-83
STATE CORPORATION COMMISSION
SEP 23 1983
CONSERVATION DIVISION
Wichita, Kansas

SIDE TWO

ACO-1 WELL HISTORY

OPERATOR **Mai Operations**

LEASE **J. Hrabe**

SEC. **32 TWP. 8 RGE. 15**

FILL IN WELL LOG 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
Surface Clay, Post Rock & Shale	0	279'		
Shale & Sand	279'	1295'		
Anhydrite	1295'	1331'		
Shale	1331'	1565'		
Shale & Lime	1565'	3016'		
Lime	3016'	3549'		
Lime & Shale	3549'	3646'		
Lime	3646'	3660'		
FORMATION TOPS from R.A. Guard Log				
DST No. 1, 3220'-3295', 60-30-60-30 Rec. 60' Gas & 70' O&GCM IFP 75-83#, ISIP 200# FFP 91-100#, FSIP 183#			Anhydrite	1297'
			Brownsville	2631'
			Grand Haven	2674'
			Dover	2708'
			Tarkio Lime	2753'
			Elmont	2802'
			Topeka	2954'
			Heebner	3181'
			Toronto	3202'
			Lans. K.C.	3224'
			Base. K.C.	3493'
			Cong.	3602'
			Log T.D.	3660'
			R.T.D.	3660'
DST No. 2, 3295-3360', 60-30-60-30 Rec. 420' Gas, 420' Gsy Oil 20' O&GCM, 60' Hvy M&GC Oil 480' M & G C Oil IFP 75-326#, ISIP 1099# FFP 342-443#, FSIP 1082#				
DST No. 3, 3358-3440', 60-30-60-30 Rec. 120' Hvy. O&GCMud IFP 66-91#, ISIP 958# FFP 100-117#, FSIP 908#				
DST No. 4, 3430'-3500', 60-30-60-30 Rec. 80' Thin Wtry. Mud IFP 58-75#, ISIP 1182# FFP 91-108#, FSIP 1140#				

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

Purpose of string	Size hole drilled	Size casing set (in O.D.)	Weight lbs./ft.	Setting depth	Type cement	Sacks	Type and percent additives
Surf. Csg.	12 1/4"	8 5/8"	28	276'	Poz.	165	QCS
Oil String	7 7/8"	5 1/2"	14	3569'	Poz. (E.A. 2)	175	18% salt, 5% Gal Seal 1/4 #flo-Seal per sack

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			4	Jet	3416-13'
					3497-95'
					3375-72'
					3336-40'
					3328-24'

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
4500 Gals. 20% SG Acid (4-23-82)	3372'-3416' L.K.C.
4500 Gals. 20% SG Acid (6-24-82)	3324'-3340' L.K.C.

Date of first production 5-12-82	Producing method (flowing, pumping, gas lift, etc.) Pumping	Gravity 38
DATE OF PRODUCTION PER 24 HOURS 7-20-82	OR 49	Gas Show
	Water 10 %	Gas-oil ratio 5
Disposition of gas (vented, used on lease or sold) Vented	Perforations	

Note: The "H", "I" & "J" L.K.C. zones were pumped 30 days prior to opening the "G" & "F" Zones of the L.K.C. all were pumped 60 Days before the State physical test could be scheduled and taken. (Weather scheduling, etc. & a desire to stabilize prod.)