

TYPE

AFFIDAVIT OF COMPLETION FORM

ACO-1 WELL HISTORY

Compt. _____

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 # 5131 EXPIRATION DATE 6-30-84

OPERATOR Thunderbird Drilling, Inc. API NO. 15-101-20,969-0000

ADDRESS P.O. Box 18407 COUNTY Lane

Wichita, Ks. 67218 FIELD WE SHIELDS

** CONTACT PERSON Burke Krueger PROD. FORMATION Lansing & Marmaton
PHONE (316) 685-1441 Indicate if new pay.

PURCHASER Koch Oil Company LEASE GRAEFF

ADDRESS Wichita, Ks. WELL NO. 1

WELL LOCATION SE NW NW

DRILLING CONTRACTOR Thunderbird Drilling, Inc. 990 Ft. from North Line and

ADDRESS Same as above 990 Ft. from West Line of

the NW (Qtr.) SEC 9 TWP 17S RGE 28 (W).

PLUGGING CONTRACTOR ADDRESS _____

WELL PLAT

(Office Use Only)

		9	

KCC
KGS
SWD/REP _____
PLG. _____
NGPA _____

TOTAL DEPTH 4591 PBD _____

SPUD DATE 5/11/84 DATE COMPLETED 6/15/84

ELEV: GR 2764 DF _____ KB 2769

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

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

Amount of surface pipe set and cemented 345' DV Tool Used? NO

TYPE OF COMPLETION THIS AFFIDAVIT APPLIES TO: (Circle ONE) Oil Shut-in Gas, Gas, Dry, Disposal, Injection, Temporarily Abandoned. If OWU, indicate type of re-completion _____. Other completion _____. NGPA filled

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

RECEIVED
STATE CORPORATION COMMISSION
JUN 26 1984
6-26-84
CONSERVATION DIVISION
Wichita, Kansas

Burke Krueger, 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.

[Signature]
(Name)

SUBSCRIBED AND SWORN TO BEFORE ME this 19th day of June, 19 84.

GLORIA DE JESUS
NOTARY PUBLIC
STATE OF KANSAS
MY APPT. EXP. _____

[Signature]
(NOTARY PUBLIC)

MY COMMISSION EXPIRES: 3-25-88

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

Side TWO OPERATOR Thunderbird Drilling, Inc. LEASE NAME Graeff SEC 9 TWP 17S RGE 28W (E) (W)

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
LOG TOPS:				
			Anhydrite	2150+ 619
			B/Anhydrite	2185+ 585
			Heebner	3931-1162
			Toronto	3950-1181
			LKC	3968-1199
			Stk	4228-1459
			BKC	4304-1535
			Marmaton	4349-1578
			Pawnee	4416-1647
			Fort Scott	4476-1707
			Cherokee	4500-1731
			Miss	4574-1805
			RTD	4591-1822
			LTD	4592-1823
<u>Description</u>	<u>From</u>	<u>To</u>		
Surface hole	0	345		
Shale	345	1510		
Shale & Sand	1510	1736		
Sand -	1736	1951		
Shale & Red Bed	1951	2148		
Anhydrite	2148	2183		
Shale	2183	2660		
Shale & Lime	2660	3580		
Lime	3580	3880		
Shale & Lime	3880	3950		
Lime	3950	4591		
R.T.D.	4591			
DST #1, 3963-3980/30-30-30-30, rec. 10'	wm w/scum oil, FP	21-21#	BHP 1091-1018#	
DST #2, 4130-70/30-45-60-45, rec. 620'	gip, 640' smgo, FP	84-252#	BHP 1175-1143#	
DST #3, 4174-4205/30-30-30-30, rec. 10'	mud w/sho oil, FP	42-42#	BHP 84-52#	
DST #4, 4211-4232/30-30-30-30, rec. 10'	mud w/sho oil, FP	21-21#	BHP 42-31#	
DST #5, 4235-4262/30-45-60-45, rec. 320'	mw, FP	31-210#	BHP 1102-1091#	
DST #6, 4260-77/30-30-30-30, rec. 15'	ocwm, FP	21-21#	BHP 42-31#	
DST #7, 4305-4420/30-45-60-45, rec. 1595'	gip, 915' m&wco, FP	189-430#	BHP 1091-987#	
DST #8, 4406-4477/30-45-60-45, rec. 190'	gip, 30' g&ocm, FP	63-63#	BHP 105-73#	
DST #9, 4481-4512/30-30-30-30, rec. 15'	mud w/sho oil, FP	27-21#	BHP 31-21#	
DST #10, 4507-4568/30-30-30-30, rec. 10'	mud all press. 42#			
If additional space is needed use Page 2	DST #11, 4574-4591/30-45-60-45, rec. 1460'	mw w/sho oil, FP	105-505#	BHP 1029-987#

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	8-5/8"	24#	345'	com	250	2% gel, 3% cc.
Production		5 1/2"		4580'		175	

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			2		4372-78
TUBING RECORD			2		4358-62
Size	Setting depth	Packer set at	2		4326-30
					4318-22

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
A 500 gal. M.A.	4372-78
A 1500 Gal. M.A. & B.S.	4318-4362 OA

Date of first production	Producing method (flowing, pumping, gas lift, etc.)	Gravity
Estimated Production-I.P.	Pumping	None%
Oil 90 bbls.	Gas None	Water None%
Disposition of gas (vented, used on lease or sold)	MCF	bbls. CFPB

Perforations 4372-78 & 4318-4362 OA