

TYPE

AFFIDAVIT OF COMPLETION FORM

ACO-1 WELL HISTORY

Compt. _____

SIDE ONE

(Rules 82-3-130 and 82-3-107)

DOGKET 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 # 6280 EXPIRATION DATE 6-84

OPERATOR H K & W Oil Operations API NO. 15-163-22,281-00-00

ADDRESS Box 1851 COUNTY Rooks

Great Bend, KS 67530 Salina Kans 67401 FIELD RESERVOIR W

** CONTACT PERSON Olville Kaufman Dick Herber PROD. FORMATION Arbuckle
PHONE 316-792-1321 913-827-5914 Indicate if new pay.

PURCHASER Farm Land Industries LEASE Schoeller

ADDRESS Kansas City WELL NO. 2

DRILLING Duke Drilling Co., Inc. 1320 Ft. from North Line and

CONTRACTOR P.O. Box 823 990 Ft. from East Line of

ADDRESS Great Bend, KS 67530 the NE (Qtr.) SEC 31 TWP 7 RGE 19 (W).

PLUGGING _____ WELL PLAT _____ (Office Use Only)

CONTRACTOR _____

ADDRESS _____

TOTAL DEPTH 3460 PBTD _____

SPUD DATE 1-21-84 DATE COMPLETED 1-28-84

ELEV: GR 1936' DF _____ KB 1941

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 1419 DV Tool Used? _____

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

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

R. E. Herber, 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.

HK&W oil RE Herber
(Name)

SUBSCRIBED AND SWORN TO BEFORE ME this 21 day of Feb, 1984.

RITA C. RICHMAN
NOTARY PUBLIC
STATE OF KANSAS
MY COMMISSION EXPIRES JANUARY 1986 1986

Rita C. Richman
(NOTARY PUBLIC)

RECEIVED
STATE CORPORATION COMMISSION
2-23-84
FEB 23 1984

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

CONSERVATION DIVISION
Wichita, Kansas

Side TWO

OPERATOR H K & W Oil Operations LEASE NAME Schoeller SEC 31 TWP 7 RGE 19 (W)
WELL NO 2

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
Check if no Drill Stem Tests Run. Check if samples sent Geological Survey.			ANK	1405
Surface soil, Post rock - Shale-sand	0	1405	TOP	2901
DST #1 3024-3065 45-45-45-45	1405	1450	HEB	3101
ANK Lime + shale	1450	2901	TOR	3127
IBHP 1150 IFF 63-63 FFP 74-74 FBHP 1139 Temp 162°	2901	3101	LAW	3142
Rec 150' w Lime - shale	3101	3105	BKE	3345
DST #2 3370-3387 30-30-30-45	3105	3127	ARB	3396
IBHP 77 IFF 55-55 FFP 66-66 FBHP 154 Temp 102	3127	3345	RTD	3460
Rec 5' Mud Few oil specks Dolomite	3345	3396		
DST #3 3386-3405 35-35-45-45	3396	3460		
IBHP 785 IFF 66-55 FFP 65-55 FBHP 752 Temp 105				
Rec 10' HGOEM 120' GIP				
DST #4 3399-3424 45-45-45-45 IBHP 862 IFF 55-44 FFP 66-66 FBHP 818				
Rec 70' M water T.O.				

If additional space is needed use Page 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 1/2"	8-5/8"	24#	1419	Howco Lite 50/50 pozmix	250 200	2% gel 3% cc.
Production	7-7/8"	5 1/2"	14#	3459'	EA-2	130	1/4# Floseal/sack .75of 1% FOC-322 w/200 gal Flo-check 21 ahead.

LINER RECORD			PERFORATION RECORD		
Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			4	Welex	3397-3402

TUBING RECORD		
Size	Setting depth	Packer set at
2"	3420	

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-L.P.	Oil 5 bbls. Gas — MCF Water 75% % 20 bbls. Gas-oil ratio	CFPB
Disposition of gas (vented, used on lease or sold)		Perforations