

TYPE

AFFIDAVIT OF COMPLETION FORM

ACO-1 WELL HISTORY

Compt. \_\_\_\_\_

SIDE ONE

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 # 5886 EXPIRATION DATE 6-30-84

OPERATOR Chief Drilling Co., Inc. API NO. 15-101-20,847-0000

ADDRESS 905 Century Plaza WICHITA, KS. 67202 COUNTY Lane

FIELD Terwilliger, South

\*\* CONTACT PERSON F.W. Shelton, Jr., Vice Pres PROD. FORMATION Cherokee

PHONE 316-262-3791

PURCHASER Koch Oil Company LEASE Terwilliger "B"

ADDRESS Box 2256 WICHITA, KS. 67201 WELL NO. #2

WELL LOCATION SE NW SE

DRILLING Contractor Warrior Drilling Co., 990 Ft. from north Line SE/4

CONTRACTOR 905 Century Plaza 990 Ft. from west Line of SE/4

ADDRESS WICHITA, KS. 67202 the SE/4 Qtr.) SEC 7 TWP 17S RGE 28W (E)

PLUGGING none WELL PLAT (Office Use Only)

CONTRACTOR ADDRESS

ADDRESS

TOTAL DEPTH LTD 4613; RTD 4610 PBTD

SPUD DATE 9-09-83 DATE COMPLETED 9-21-83

ELEV: GR 2780 DF 2784 KB 2787

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

DOCKET NO. OF DISPOSAL OR REPRESSURING WELL BEING USED TO DISPOSE OF WATER FROM THIS LEASE none

Amount of surface pipe set and cemented 8 jts. 320 by 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

F.W. Shelton, Jr., vice President, 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.

F.W. Shelton, Jr. (Name) Vice President

SUBSCRIBED AND SWORN TO BEFORE ME this 21 day of October

19 83.



MY COMMISSION EXPIRES:

(NOTARY PUBLIC) Martha E. Gustin

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

OCT 26 1983

OPERATOR Chief Drilling Co. Inc CASE Terwilliger B SEC. 7 TWP. 17 SRGE. 28W (W)

FILL IN WELL INFORMATION AS REQUIRED: WELL NO. #2

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.				
FORMATION TOPS:				
DST #1 4194-4227 (Lans. 180 z) 30-30-60-45 wk. blow increas. to strong in 7 min., Rec. 550' GIP, 90' free clean gassy oil, 41', 120' froggy oil, IBHP: 870#, FBHP: 840# FP: 150-150			Anhydrite	2177 + 610
			Base Anhydr	2207 + 580
			Heebner	3936 - 1149
			Lansing	3970 - 1183
			Stark Sh.	4227 - 1440
			BKC	4314 - 1527
DST #2 4224-4260 (Lans. 200 z) 30-30-60-45 very wk. blow very grad. bldg. to wk. blow w/5 min. afterblow, Rec. 50' GIP, 40' of oil cut mud, IBHP: 140#, FBHP: 100#, FP: 100-100			Marmaton	4330 - 1543
			Pawnee	4420 - 1633
			Fort Scott	4472 - 1685
			Cherokee	4497 - 1710
			Mississippi	4587 - 1800
			RTD	4610 - 1823
DST #3 4257-4308 (Lans. 220z) 30-30-60-45 wk. blow for 30 min., rec. 70' muddy water, trace of oil, IBHP: 1125#, FBHP: 1120#, FP: 115-115				
DST #4 4306-4340 (Marmaton A z) 30-30-60-45 wk. blow in 3 min., steady throughout, w/25 min. afterblow, rec. 1280' GIP, 135' cl. gassy oil, 285' froggy oil, 366' muddy salt water w/trace of oil, 38' IBHP: 1050#, FBHP: 970#, IFP: 100-175 FFP: 200-375				E-LOG TOPS:
			Anhydrite	2173 + 614
			Heebner	3936 - 1149
DST #5 4337-4374 (Marmaton B z) 30-30-60-45 wk. blow died in 20 min., Rec. 5' mud, IBHP: 70# FBHP: 70#, FP: 70-70			LKC	3972 - 1185
			Stark	4227 - 1440
			BKC	4316 - 1529
DST #6 4371-4420 (Marmaton C) 30-30-60-45 strong blow in 2 min., steady throughout w/25 min. afterblow, Rec. 1373' GIP, 458' gas & oil cut mud, 1400' free oil and gassy oil, 60' heavily oil cut mud, 90' muddy water, 38', IBHP: 1160#, FBHP: 1160#, IFP: 150-375 FFP: 425-675			Marmaton	4329 - 1542
			Pawnee	4423 - 1636
			Fort Scott	4475 - 1688
			Cherokee	4498 - 1711
			Mississippi	4573 - 1786
			LTD	4613 - 1826
If additional space is needed use Page 2, Side 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 1/4	8 5/8	20#	331'	60-40 posmix	20 sx.	3% c.c. 2% gel
production		5 1/2"	14#	4609'	60-40 posmix	175 sx.	salt saturated 10 bbl. salt flush ahead of cement 6% gel
					50-50 posmix	450 sx.	

LINER RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
none			4 shots		4536-4546

TUBING RECORD

Size	Setting depth	Packer set at
2 3/8"	4567.65'	none

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
300 gallons INS acid 1 bbl min @ 200#	4536-4546
1500 gallons SGA acid, 2 bbls min. @ 200#	
300 gallons 15% INS 2 bbl min 1000# max pressure	4492-4495
1500 gallons SGA 3 bbl min. zero pressure	

Date of first production	Producing method (flowing, pumping, gas lift, etc.)	Gravity
10-12-83	pumping	37°

Estimated Production -I.P.	Oil	Gas	Water	Gas-oil ratio
	115 bbls.	--	% MCF	-- bbls.

Disposition of gas (vented, used on lease or sold)	Perforations
sold	4536-4546 4492-4495

OPERATOR Chief Drilling Co. INCREASE NAME Terwilliger "B" SEC. 7 TWP. 17 SRGE. 28W

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
<p>Drilling @ 4425' DST #7 4460-4498                      (Fort Scott) 30-30-45-45 wk. blow bldg. to strong blow in 3 min., w/ 10 min. afterblow, rec. 880' GIP; 295' froggy oil &amp; heavily oil cut mud, IBHP: 630# FBHP: 615#, IFP: 75-90 FFP: 150                      DST #8 4496 - 4525 (Upper Cherokee) 30-30-60-45 wk. blow for 15 min., on Initial flow; wk. blow for 50 min on final flow, Rec. 25' of oil spotted mud, IBHP: 95#, FBHP: 75# FP: 75-75                      DST #9 4525 - 4556 (Johnston zone) 30-30-60-45 wk. blow bldg. to strong in 10 min., w/25 min. afterblow, Rec. 300' GIP; 90' froggy oil, 30' oil cut mud, 30' oil and water cut mud, 120' muddy salt water, IBHP: 325#, FBHP: 310#, IFP: 75 - 95 FFP: 140 - 140                      Circulating @ 4556' RTD 4610' Ran E-log                      Ran 123 jts. 4615', new 5 1/2" 14# casing, set @ 4609' 1' off bottom 8 centralizers, 4599' - 4528' - 4475' 4415' - 4360' - 4315' - 2171' Cement control basket @ 2171', common guide shoe 4609' insert float 4599', stage collar 2140', cemented w/175 sx. 60-40 pos mix, salt saturated 10 bbl. salt flush ahead of cement on bottom. Bottom stage complete @ 11:30 a.m. Top stage cemented w/450 sx. 50-50 pos mix, 6% gel. Top stage circulated to the top, plug down @ 12:30 p.m. W.O.C.T.</p>			WELL LOG	
			Surface Sand	0 85
			Sand & Clay	85 475
			Clay & Shale	475 2177
			Anhydrite	2177 2207
			Shale	2207 3750
			Shale & Clay	3750 3960
			Clay & Shale	3960 4340
			Shale & Lime	4340 4480
			Lime & Shale	4480 4530
			Lime	4530 4610
			LTD	4613
			RTD	4610