

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 6-30-85

OPERATOR Chief Drilling Co., Inc. API NO. 15-063-20,737

ADDRESS 905 Century Plaza Wichita, Ks. 67202 COUNTY Gove

FIELD JACKA E

** CONTACT PERSON F.W. Shelton, Jr., Vice Pres. PROD. FORMATION Lans. K.C.
PHONE 316-262-3791

PURCHASER Koch Oil Company

LEASE Norton

ADDRESS Box 2256
Wichita, Ks. 67201

WELL NO. #1

WELL LOCATION NW SW SE

DRILLING Contractor Warrior Drilling Co. Rig #1

990 Ft. from south Line of qua

CONTRACTOR ADDRESS 905 Century Plaza

330 Ft. from west Line of qua

Wichita, Ks. 67202

the 8th (Qtr.) SEC 9 TWP 15S RGE 26W (W.)

PLUGGING None

WELL PLAT

CONTRACTOR ADDRESS N/A

(Office Use Only)

KCC
KCS

SWD/REP
PLG/V

TOTAL DEPTH 4239' PBTD n/a

SPUD DATE 2-07-84 DATE COMPLETED P.O.P. 4-5-84

ELEV: GR 2335 DF 2337 KB 2340

DRILLED WITH ~~ROD~~ (ROTARY) ~~TOOLS~~ 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 284' set 280V Tool Used? yes

THIS AFFIDAVIT APPLIES TO: (Circle ONE) - (Oil) Gas Shut-in Gas Dry Disposal

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used				Depth interval treated	
treated w/500 gallons 15% INS 10 gall. per min. @ 200 lbs. max. pressure				4199-4203	
acidized w/2500 gall 15% SGA 2 1/2 BPM @ 500# max. press				3820-3825	
Date of first production		Producing method (flowing, pumping, gas lift, etc.)		Gravity	
3-15-84		pumping		39°	
Estimated Production -I.P.	ON	Gas	Water	Gas-oil ratio	CFPB
100		bbls.	%	bbls.	
Disposition of gas (vented, used on lease or sold)			Perforations		
sold			4199-4203 3820-3825		

FILL IN WELL INFORMATION AS REQUIRED: WELL NO. #1

Show all important parts of perfority 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	FORMATION TOPS:	
DST #1 3752 - 3820				Anhydrite	1764 + 576
(140 & 160 zone) 30-30-30-30, wk. blow n. died in 28 min., Rec. 20' mud, IBHP: 640#, FBHP: 210#, FP: 85-85				Base Anhydr.	1800 + 540
2-13-84 DST #2 3811 - 3844 (180 zone) 30-30-30-30 strong blow throughout, Rec. 2884' G.I.P., 305' clean oil, 60' muddy oil, 305' heavy oil cut mud and muddy oil, 45' gas to surface in 95 min., IBHP: 1350#, FBHP: 1350#, IFP: 75-175 FFP: 225-280 DST #3 3836 - 3898				Heebner	3561 - 1221
(200 - 220 zone) 30-30-30-30 wk. blow died in 30 min., Rec. 6' mud, IBHP: 80# FBHP: 60#, FP: 60-60				Lansing	3600 - 1260
2-14-84 Drilling @ 4018' DST #4 4082 - 4130 (Fort Scott) 30-30-60-40 wk. blow bldg. to fair in 25 min., 5 min. afterblow, 2nd open throughout, w/5 min. afterblow rec. 90' of gas, 30' slightly oil gas cut mud, IBHP: 105#, FBHP: 95# FP: 90-90				Stark	3839 - 1499
2-15-84 Drilling @ 4167' DST #5 4127 - 4202 (Miss. Dolomite) 30-30-30-30 wk. blow for 30 min., Rec. 12' oil spotted mud, IBHP: 300#, FBHP: 230#, FP: 50-50				BKC	3896 - 1556
2-16-84 DST #6 4201 - 4209 30-30-60-45 weak blow bldg. to fair, 53' heavy oil cut mud, 2' frothy oil, IBHP: 1220#, FBHP: 1150#, No flow pressures slide 9' plugging on first open. Ran E-log, failed to reach bottom by 14'.				Marmaton	3913 - 1573
2-17-84 DST #7 4208 - 4214 30-30-60-45 wk. blow bldg. to fair, fair blow throughout. Rec. 50' free oil, 40', 40' muddy water, IBHP: 1310#, FBHP: 1265#, FP: 100-100				Pawnee	4000 - 1660
RTD 4239' ran 121 jts. of used 4 1/2" casing, 4239', ran a guide shoe on shoe joint, 12', insert float and centralizer @ 4225', ran centralizers @ 3854 - 3800 - 1845 basket @ 1812', D.V. tool @ 1779' set 2' off bottom, lower stage cemented w/200 sx. of 60-40 posmix, 10% salt, w/10 bbl. salt flush Started @ 8:30 p.m. Completed @ 9:15 p.m. on the 17th. Upper stage cemented w/450 sx. 50-50 posmix, 6% gel, completed @ 5:30 a.m. on the 18th.				Fort Scott	4106 - 1766
				Cherokee	4129 - 1789
				Miss. Dolo.	4197 - 1857
				RTD	4239' - 1899
				E-LOG TOPS:	
				Anhydrite	1757 + 583
				Base Anhydr.	1792 + 548
				Heebner	3558 - 1218
				Lansing	3595 - 1255
				Stark	3836 - 1496
				BKC	3892 - 1552
				Marmaton	3908 - 1568
				Pawnee	4001 - 1661
				Fort Scott	4101 - 1761
				Cherokee	4128 - 1788
				LTD	4195 - 1855
				WELL LOG	
				Surface	0 340
				Surface sand & clay	340 1300
				Shale	1300 1764
				Anhydrite	1764 1800
				Shale	1800 2575
				Shale & Shells	2575 3160
				Shale	3160 3732
				Shale & Lime	3732 3844
				Lime & Shale	3844 4101
				Lime	4101 4239
				RTD	4239

If additional space is needed use Page 2, Side 2

Report of all strings set — surface, intermediate, production, etc. CASING RECORD (New) or (Used) XXXXX

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	new 20#	287'	60-40 pos mix	175	sx. 2% gel 3% c.c.
production		4 1/2"	used 10.5#	4237'	lower stage		10% salt w/10 bbl. salt flush
					60-40 posmix	200sx.	
					upper stage		
					50-50 pos mix	450	sx. 6% gel

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
none			4 shots per		4199 - 4203

TUBING RECORD

Size	Setting depth	Packer set at	Shots per ft.	Size & type	Depth interval
2 3/8"	3905.25	none	4 shots per		3820 - 3825
				bridge plug set @ 3910'	