OIL & GAS CONSERVATION DIVISION	API NO. 15 101-21,122
WELL COMPLETION OR RECOMPLETION FORM ACO-1 WELL HISTORY	County Lane
DESCRIPTION OF WELL AND LEASE	SE NW SW Sec 10 Twp 17 Rge 29 XXXXX West
Operator: license #	1650
City/State/Zip Wichita, Kansas 67202	Lease Name Snider Well#
Operator Contact Person William L. Jackson Phone (316) 263-1102	Field Name Wildcat NORTH TRAIL, NO.
Contractor: license #	Producing Formation Marmaton Elevation: Ground 2807 KB 2812
Wellsite Geologist Mike Dixon Phone (316) 263-1102	Section Plat
PURCHASER Koch Oil Company	5280 4950 4620
Designate Type of Completion X: New Well Re-Entry :: Workover	4290 3960 3630
□ SWD □ Temp Abd	3300
☐ Gas ☐ Inj ☐ Delayed Comp.	2970 2640
☐ Dry ☐ Other (Core, Water Supply etc.)	2310
	1980
If OWWO: old well info as follows:	1650
Operator	990
Well Name	660
Comp. Date Old Total Depth	
•	5280 4950 4950 3360 1980 1980 1320 330 330 330 330 330
WELL HISTORY Drilling Method: ☑ Mud Rotary ☐ Air Rotary ☐ Cable	WATER SUPPLY INFORMATION
	Source of Water:
1-26-85 2-10-85 3-12-85 Spud Date Date Reached TD Completion Date	Division of Water Resources Permit #
4632' 4380'	☐ Groundwater Ft North From Southeast Corner and
4032 4360	(Well) Ft. West From Southeast Corner of
Total Depth PBTD	Sec Twp Rge 📋 East 📋 West
Amount of Surface Pipe Set and Cemented at 361 feet	☐ Surface Water Ft North From Sourtheast Corner and
Multiple Stage Cementing Collar Used? ▼ Yes □ No	(Stream, Pond etc.) Ft West From Southeast Corner Sec Twp Rge [East West
If Yes, Show Depth Set2220 feet	☐ Other (explain)
If alternate 2 completion, cement circulated from	(purchased from city, R.W.D.#)
from	Disposition of Produced Water:
	Docket #
INSTRUCTIONS: This form shall be completed in duplicate and filed	with the Kansas Corporation Commission, 200 Colorado Derby Building,
Wichita, Kansas 67202, within 90 days after completion or recompletion of any information on side two of this form will be held confidential for a period of 12 in	well. Rules 82-3-130 and 82-3-107 apply.
Wichita, Kansas 67202, within 90 days after completion or recompletion of any information on side two of this form will be held confidential for a period of 12 for confidentiality in excess of 12 months. One copy of all wireline logs and drillers time log shall be attached with this	well. Rules 82-3-130 and 82-3-107 apply. months if requested in writing and submitted with the form. See rule 82-3-107
wichita, Kansas 67202, within 90 days after completion or recompletion of any information on side two of this form will be held confidential for a period of 12 for confidentiality in excess of 12 months. One copy of all wireline logs and drillers time log shall be attached with this all temporarily abandoned wells.	well. Rules 82-3-130 and 82-3-107 apply. months if requested in writing and submitted with the form. See rule 82-3-107 s form. Submit CP-4 form with all plugged wells. Submit CP-111 form with
Wichita, Kansas 67202, within 90 days after completion or recompletion of any information on side two of this form will be held confidential for a period of 12 for confidentiality in excess of 12 months. One copy of all wireline logs and drillers time log shall be attached with this	well. Rules 82-3-130 and 82-3-107 apply. months if requested in writing and submitted with the form. See rule 82-3-107 s form. Submit CP-4 form with all plugged wells. Submit CP-111 form with
wichita, Kansas 67202, within 90 days after completion or recompletion of any information on side two of this form will be held confidential for a period of 12 for confidentiality in excess of 12 months. One copy of all wireline logs and drillers time log shall be attached with this all temporarily abandoned wells. All requirements of the statutes, rules, and regulations promulgated to regulate.	well. Rules 82-3-130 and 82-3-107 apply. months if requested in writing and submitted with the form. See rule 82-3-107 s form. Submit CP-4 form with all plugged wells. Submit CP-111 form with te the oil and gas industry have been fully complied with and the statements
wichita, Kansas 67202, within 90 days after completion or recompletion of any information on side two of this form will be held confidential for a period of 12 for confidentiality in excess of 12 months. One copy of all wireline logs and drillers time log shall be attached with this all temporarily abandoned wells. All requirements of the statutes, rules, and regulations promulgated to regulate.	well. Rules 82-3-130 and 82-3-107 apply. months if requested in writing and submitted with the form. See rule 82-3-107 s form. Submit CP-4 form with all plugged wells. Submit CP-111 form with te the oil and gas industry have been fully complied with and the statements K.C.C. OFFICE USE ONLY
Information on side two of this form will be held confidential for a period of 12 of for confidentiality in excess of 12 months. One copy of all wireline logs and drillers time log shall be attached with this all temporarily abandoned wells. All requirements of the statutes, rules, and regulations promulgated to regulat herein are complete and correct to the best of my knowledge.	well. Rules 82-3-130 and 82-3-107 apply. months if requested in writing and submitted with the form. See rule 82-3-107 s form. Submit CP-4 form with all plugged wells. Submit CP-111 form with te the oil and gas industry have been fully complied with and the statements K.C.C. OFFICE USE ONLY
Information on side two of this form will be held confidential for a period of 12 of for confidentiality in excess of 12 months. One copy of all wireline logs and drillers time log shall be attached with this all temporarily abandoned wells. All requirements of the statutes, rules, and regulations promulgated to regulat herein are complete and correct to the best of my knowledge. Signature William L. Jackson	well. Rules 82-3-130 and 82-3-107 apply. months if requested in writing and submitted with the form. See rule 82-3-107 s form. Submit CP-4 form with all plugged wells. Submit CP-111 form with te the oil and gas industry have been fully complied with and the statements K.C.C. OFFICE USE ONLY F
Information on side two of this form will be held confidential for a period of 12 of for confidentiality in excess of 12 months. One copy of all wireline logs and drillers time log shall be attached with this all temporarily abandoned wells. All requirements of the statutes, rules, and regulations promulgated to regulat herein are complete and correct to the best of my knowledge.	well. Rules 82-3-130 and 82-3-107 apply. months if requested in writing and submitted with the form. See rule 82-3-107 s form. Submit CP-4 form with all plugged wells. Submit CP-111 form with te the oil and gas industry have been fully complied with and the statements K.C.C. OFFICE USE ONLY F Letter of Confidentiality Attached C Wireline Log Received C Drillers Timelog Received 3-26-85 Distribution
Information on side two of this form will be held confidential for a period of 12 of the confidentiality in excess of 12 months. One copy of all wireline logs and drillers time log shall be attached with this all temporarily abandoned wells. All requirements of the statutes, rules, and regulations promulgated to regulate herein are complete and correct to the best of my knowledge. Signature William L. Jackson Title Geologist Date	well. Rules 82-3-130 and 82-3-107 apply. months if requested in writing and submitted with the form. See rule 82-3-107 s form. Submit CP-4 form with all plugged wells. Submit CP-111 form with te the oil and gas industry have been fully complied with and the statements K.C.C. OFFICE USE ONLY F
Information on side two of this form will be held confidential for a period of 12 of for confidentiality in excess of 12 months. One copy of all wireline logs and drillers time log shall be attached with this all temporarily abandoned wells. All requirements of the statutes, rules, and regulations promulgated to regulation are complete and correct to the best of my knowledge. Signature William L. Jackson Geologist	well. Rules 82-3-130 and 82-3-107 apply. months if requested in writing and submitted with the form. See rule 82-3-107 s form. Submit CP-4 form with all plugged wells. Submit CP-111 form with te the oil and gas industry have been fully complied with and the statements K.C.C. OFFICE USE ONLY F
Information on side two of this form will be held confidential for a period of 12 of the confidentiality in excess of 12 months. One copy of all wireline logs and drillers time log shall be attached with this all temporarily abandoned wells. All requirements of the statutes, rules, and regulations promulgated to regulate herein are complete and correct to the best of my knowledge. Signature	well. Rules 82-3-130 and 82-3-107 apply. months if requested in writing and submitted with the form. See rule 82-3-107 s form. Submit CP-4 form with all plugged wells. Submit CP-111 form with te the oil and gas industry have been fully complied with and the statements K.C.C. OFFICE USE ONLY F
Information on side two of this form will be held confidential for a period of 12 of the confidentiality in excess of 12 months. One copy of all wireline logs and drillers time log shall be attached with this all temporarily abandoned wells. All requirements of the statutes, rules, and regulations promulgated to regulate herein are complete and correct to the best of my knowledge. Signature William L. Jackson Title Geologist Date Subscribed and sworn to before me this 26th day of March	well. Rules 82-3-130 and 82-3-107 apply. months if requested in writing and submitted with the form. See rule 82-3-107 s form. Submit CP-4 form with all plugged wells. Submit CP-111 form with the the oil and gas industry have been fully complied with and the statements K.C.C. OFFICE USE ONLY F Letter of Confidentiality Attached C Wireline Log Received C Drillers Timelog Received 3-26-85 Distribution KGS Plug Other (Specify)
Information on side two of this form will be held confidential for a period of 12 of the confidentiality in excess of 12 months. One copy of all wireline logs and drillers time log shall be attached with this all temporarily abandoned wells. All requirements of the statutes, rules, and regulations promulgated to regulate herein are complete and correct to the best of my knowledge. Signature William L. Jackson Title Geologist Date Subscribed and sworn to before me this 26th day of March Motary Public Date Commission Expires	well. Rules 82-3-130 and 82-3-107 apply. months if requested in writing and submitted with the form. See rule 82-3-107 s form. Submit CP-4 form with all plugged wells. Submit CP-111 form with the the oil and gas industry have been fully complied with and the statements K.C.C. OFFICE USE ONLY F Letter of Confidentiality Attached C Wireline Log Received C Drillers Timelog Received 3-26-85 Distribution KGS Plug Other (Specify)
Information on side two of this form will be held confidential for a period of 12 of the confidentiality in excess of 12 months. One copy of all wireline logs and drillers time log shall be attached with this all temporarily abandoned wells. All requirements of the statutes, rules, and regulations promulgated to regulate herein are complete and correct to the best of my knowledge. Signature William L. Jackson Title Geologist Date Subscribed and sworn to before me this 26th day of March	well. Rules 82-3-130 and 82-3-107 apply. months if requested in writing and submitted with the form. See rule 82-3-107 s form. Submit CP-4 form with all plugged wells. Submit CP-111 form with the the oil and gas industry have been fully complied with and the statements K.C.C. OFFICE USE ONLY F

WELL LOG

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken Samples Sent to Geological Survey	∑ Yes	Formation Description [X] Log				
Cores Taken	☐ Tes M No	Name		Top Botto		
DST #1: 4119'-4148', 30-45-60	0-45, strong blow both	ANHYDRITE	2204	(+ 608)		
openings, 180' GIP, 1370' clea	HEEBNER	3922	(-1110)			
mud cut frothy oil (12% mud),	LANSING	3960	(-1148)			
420/652#, ISIP 1054#, FSIP 986	•	STARK	4214	(-1402)		
,,		FT. SCOTT	4472	(-1660)		
DST #2: 4154'-4211', 30-45-66	CHEROKEE	4494	(-1682)			
clean gassy oil, 30' WCMO, 150	•	MISS	4588	(-1776)		
240' O&GCW, 720' fluid (3' G,		T.D.	4632	•		
267.9' W), IFP 163/198#, FFP						
PCTD 913#		:				

DST #3: 4213'-4242' "K" Zone, 30-45-60-45, weak blow bldg. to fair both openings, Rec. 5' OspkM, 60' OspkMW & 180' OspkSW, IFP 35/70#, FFP 70/151#, ISIP 1020#, FSIP 997#

4251'-4265', 30-30-30-30, 1st open - wk flow died in 18 min., 2nd open - no blow, Rec. 1' clean gassy oil and 59' SOspkM, IFP 23/23#, FFP 35/55#, ISIP 847#, FSIP 836#

DST #5: 4308'-4350', 30-45-60-45, 1st open strong blow - GTS in 30 min., 2nd open - strong blow - gas throughout, Rec. 2654' clean gassy oil, 92' gassy MCO & 124' gassy OCM, IFP 350/767#, FFP 836/1066#, ISIP 1134#, FSIP 1112#, 37 gra

DST #6: 4360'-4425', 30-30-30, Rec. 10' M, IFP 46/46#, FFP 58/58#, ISIP 385#, FSIP 385#

sold

DST #7: 4431'-4492', 30-45-60-45, fair blow

DST #7 (continued)

(10% oil), 248' frothy MO (50% Gas, 30% Oil & 20% Mud), IFP 58/70#, FFP 105/175#, ISIP 1168#, FSIP 1157#

DST #8: 4499'-4554', 30-30-30-30, wk blow died 1st open. - no blow 2nd open, Rec. 30' OCM, IFP 46/46#, FFP 46/46#, ISIP 951#, FSIP 744#

4489-92'

increasing t	o sti	rong both o	penin	gs. Ked	82 OC	<u> </u>					
			CA	SING RE	CORD	new	used				
		Rep	ort all str	ings set - c	onductor, surf	ace, intermedia	ite, production	n, etc.			type and
Purpose of string		size hole size casing weight			setting type of			# sacks		percent	
		drilled	set (in O.D.)	lbs/ft.	depth	ceme	ent	used	,	additives
Surface		.12 .1/4"	8 5	5/8"	24#	361'	60/40	poz	245 s	$\mathbf{x} \cdot 3$	% CC 2% Ge1
Production		<i>7</i> 7 <i>/</i> .8''	4		10.5#	4630'	50/50		200 s		% Gel, 3/4 of
								1			% CFR-2, 18%
								•••••	• • • • • • • • •		alt Sat.
	DE	PEOPATION D	ECORD					·····			
PERFORATION RECORD					Acid, Fracture, Shot, Cement Squeeze Record						
shots per foot	51	pecify footage of each interval perforated (amount and kind of material use						il used)	Depth		
2/ft.		4489'-4492'					250 gal. 15% MCA				
,.,,,						1000 gal. 15% NE 4489-9					4489-92'
2/ft	4329.'-4334.'					,					
			• • • • • •	• • • • • • • •					 .		
<u></u>			· · · · · · ·								<u></u>
TUBING RECO	RD si	ize 2 3/8"	set at 4	4353.81	packer at		Liner Ru	n	☐ Yes	⊠ No	
Date of First Produ	ection	Producing n	nethod								
3-14 - 85				☐ flowing	3 🗵 pump	ing 🗌 gas	lift 🗌 Oth	er (exp	lain)		
		Oil		(Gas	Wate	r	Gas-	Oil Ratio		Gravity
Estimated Production	on 🖒							•		•	
rei 24 nours	7	100									•
 		<u> </u>	Bbls		MCF		8bis -	·	CFP	В	
Disposition of gas	s: 🗆 v	vented			THOD OF C	OMPLETION Reference			PR	RODUCTI	ON INTERVAL

used on lease Dually Completed. □Commingled COMPLETION INFO Perf. 4489-92' 2 shots/ft. Swb down. SDON. 250' FU all oil. Acid 250 gal. 15% MCA. Rec. load & swb 2.32 bbls oil 1st hr., 1.16 bbls. oil 2nd hr., & 1.74 bbls oil 3rd hr. SDON. 790' FU all oil. Acid 1000 gal. 15% NE. Rec. load & swb 3.19 bbl oil 1st hr., 2.32 bbl oil 2nd hr., 2.32

□ perforation

other (specify)

2100' FU all oil. Pf. 2 shots/ft. 4329-34'. Set BP @ 4380'. Swb well GSO POP bbl oil 3rd hr.

open hole