STATE CORPORATION COMMISSION OF KANSAS OIL & GAS CONSERVATION DIVISION	API NO. 15 - 009-23,411.0000
WELL COMPLETION OR RECOMPLETION FORM ACO-1 WELL HISTORY	County Barton
DESCRIPTION OF WELL AND LEASE	C W/2 SE NW Sec 25 20S 13W   East (tocation) Sec
Operator: license #5427	3300 Ft North from Southeast Corner of Section 3630 Ft West from Southeast Corner of Section (Note: locate well in section plat below)
City/State/Zip Wichita, Kansas 67202	Lease Name Ralph Phillips Well#
Operator Contact Person John D. Knightley Phone (316) 263-8267	Field Name . (Wildcat) Producing Formation . (Dry Hole)
Contractor: license # . 5427 name .D. R. Lauck Oil Company, Inc.	Elevation: Ground 1860 KB 1865
Wellsite Geologist Roger N. Kasten, Jr.  Phone (316) 263-8267  PURCHASER None - Dry Hole.	Section Plat 5280 4950
Designate <b>Type of Completion</b> X New Well	12-21-84 12-21-84 12-21-84 14620 4290 3960 3630 3300
☐ Oil ☐ SWD ☐ Temp Abd	3300
☐ Gas ☐ Inj ☐ Delayed Comp. ☐ P:  ☑ Dry ☐ Other (Core, Water Supply etc.) STATE CORPO	CEIVED 2640 2310
If <b>OWWO</b> : old well info as follows:	2.7.1084
Well Name	ATION DIVISION 2330 ta, Kansas 8, 26, 26, 26, 26, 26, 26, 26, 26, 26, 26
WELL HISTORY  Drilling Method:   Mud Rotary ☐ Air Rotary ☐ Cable	WATER SUPPLY INFORMATION
1-16-84 1-25-84 P&A 12-10-84	Source of Water:
Spud Date Date Reached TD Completion Date	Division of Water Resources Permit # T84-18
Spud Date Date Reached TD Completion Date  3640   Total Depth PBTD	2400
3640'	✓ Groundwater. 3400 Ft North From Southeast Corner and (Well) Ft. West From Southeast Corner of Sec 25 Twp 20SRge 13W ☐ East ✓ West
3640 ' Total Depth PBTD	☑ Groundwater3400
3640 ¹  Total Depth PBTD  Amount of Surface Pipe Set and Cemented at 327.25 ¹ @ 334 ¹ feet  Multiple Stage Cementing Collar Used? □ Yes ☒ No  If Yes, Show Depth Set feet	☐ Surface Water ☐ Sec Twp Rge ☐ East ☐ West ☐ Other (explain) ☐ Ft North From Southeast Corner and Ft North From Southeast Corner and Ft North From Southeast Corner and Ft West From Southeast Corner and Ft West From Southeast Corner Sec Twp Rge ☐ East ☐ West
3640 ' Total Depth PBTD  Amount of Surface Pipe Set and Cemented at 327 · 25 ' @ 334 ' feet  Multiple Stage Cementing Collar Used?	☐ Groundwater. 3400 Ft North From Southeast Corner and (Well) Ft. West From Southeast Corner of Sec 25 Twp 20SRge 13W ☐ East ☑ West  ☐ Surface Water Ft North From Sourtheast Corner and (Stream, Pond etc.) Ft West From Southeast Corner Sec Twp Rge ☐ East ☐ West  ☐ Other (explain) (purchased from city, R.W.D.#)
3640 ¹  Total Depth PBTD  Amount of Surface Pipe Set and Cemented at 327.25 ¹ @ 334 ¹ feet  Multiple Stage Cementing Collar Used? □ Yes ☒ No  If Yes, Show Depth Set feet	☐ Surface Water ☐ Sec Twp Rge ☐ East ☐ West ☐ Other (explain) ☐ Ft North From Southeast Corner and Ft North From Southeast Corner and Ft North From Southeast Corner and Ft West From Southeast Corner and Ft West From Southeast Corner Sec Twp Rge ☐ East ☐ West
Total Depth PBTD  Amount of Surface Pipe Set and Cemented at 327.25' @ 334' feet  Multiple Stage Cementing Collar Used?	☐ Groundwater. 3400 Ft. West From Southeast Corner and (Well) Ft. West From Southeast Corner of Sec 25 Twp 20SRge 13W ☐ East ☑ West  ☐ Surface Water Ft. Worth From Sourtheast Corner and (Stream, Pond etc.) Ft. West From Southeast Corner Sec Twp Rge ☐ East ☐ West  ☐ Other (explain) (purchased from city, R.W.D.#)  Disposition of Produced Water: ☐ Disposal ☐ Repressuring ☐ Docket #
Total Depth PBTD  Amount of Surface Pipe Set and Cemented at .327.25' @ 334' feet  Multiple Stage Cementing Collar Used?	☐ Groundwater. 3400 Ft. West From Southeast Corner and (Well) Ft. West From Southeast Corner of Sec 25 Twp 20SRge 13W ☐ East ☑ West  ☐ Surface Water Ft. Worth From Sourtheast Corner and (Stream, Pond etc.) Ft. West From Southeast Corner Sec Twp Rge ☐ East ☐ West  ☐ Other (explain) (purchased from city, R.W.D.#)  Disposition of Produced Water: ☐ Disposal ☐ Repressuring ☐ Docket #
Total Depth PBTD  Amount of Surface Pipe Set and Cemented at .327.25 ' @ 334 ' feet  Multiple Stage Cementing Collar Used?	☐ Groundwater. 3400 Ft North From Southeast Corner and (Well)
Total Depth PBTD  Amount of Surface Pipe Set and Cemented at 327:25' @ 334' feet  Multiple Stage Cementing Collar Used? Yes No  If Yes, Show Depth Set feet  If alternate 2 completion, cement circulated from feet depth to SX cmt  INSTRUCTIONS: This form shall be completed in duplicate and filed 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	Groundwater
Amount of Surface Pipe Set and Cemented at	Groundwater. 3400. Ft North From Southeast Corner and (Well) 3600 Ft. West From Southeast Corner of Sec 25 Twp 20SRge 13W
Amount of Surface Pipe Set and Cemented at 327.25' @ 334' feet  Multiple Stage Cementing Collar Used?	Groundwater.   3400   Ft North From Southeast Corner and (Well)   3600   Ft. West From Southeast Corner of Sec 25 Twp 20SRge 13₩   East   West   West     Surface Water   Ft North From Southeast Corner and (Stream, Pond etc.)   Ft West From Southeast Corner Sec Twp Rge   East   West     Other (explain)   (purchased from city, R.W.D.#)    Disposition of Produced Water:   Disposal   Repressuring     Docket #   Disposal   Repressuring     West   Disposal   Repressuring     Docket #   Disposal   Repressuring     West   Disposal   Repress
Total Depth PBTD  Amount of Surface Pipe Set and Cemented at 327.25 ' @ 334' feet  Multiple Stage Cementing Collar Used?	Groundwater. 3400  Ft North From Southeast Corner and (Well)

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Operator Name			Dauck.		Company	'Lease Name			₩eii#		SEC.	23	TWP	. RGE	T 2M	X	Wes

## 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.

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Drill Stem Tests Taken ⊠ Yes ☐ No Samples Sent to Geological Survey ⊠ Yes ☐ No Cores Taken ☐ Yes ☒ No	⊠ Log	Description  Sample
DST #1, 3235-75, Open 30-30-45-60, weak blow increasing to	Name	Top Bottom
fair blow on both openings. Recovered 90' watery mud,	Welex Electric Log	Tops:
with few specks of oil. ISIP 875#, FSIP 897#, FP 31#-42#; & 63#-74#.	<u>-</u>	(+1181) (-1232)
		, ,
DST #2, 3278-3305, Open 30-30-45-60, good blow off bottom:		(-1354)
of bucket in 12 min. Recovered 325' muddy, slightly gassy	_	(-1367)
water. ISIP 972#, FSIP 972#, FP 42#-85# & 117#-180#.	B/K.C. 3462	(-1597)
######################################		( <del>-</del> .1657)
DST #3, 3350-75, Open 45-45-30-45, weak blow building	Log TD 3643	
slowly. Flushed tool, weak blow. Recovered 10' mud with	RTD 3640	
few oil specks. ISIP 106#, FSIP 106#, FP 31#-31# &		•
31#-31#.		
31#-31#·		
DST #4, 3387-3412, Open 30-45-45-60, good blow off bottom of bucket 24 min., 2nd flow off bottom of bucket 30 min.	Drillers Log:	
Recovered 180' gas in pipe, 200' gassy oil cut mud. (Top:	Sand & Top Soil	104
20' 37% gas, 20% oil, 16% water, 27% mud; 60' 10% gas, :	Sand & Gray Shale	337
40% oil, 15% water, 35% mud; 60' 25% gas, 27% oil, 16%	Red Bed	575
water, 32% mud; 60' 20% gas, 20% oil, 20% water, 40% mud.)	Red Bed & Shale	685
ISIP 702#, FSIP 768#, FP 42#-42# & 63#-63#.	Anhydrite	705
	Shale	1690
DST #5, 3519-30, Open 30-45-45-60, fair blow. Recovered :	Shale & Shells	2108
65' gas & oil cut mud (4.6% gas, 48.4% oil, 14.8% water,	Shale	. 2160
32.2% mud). ISIP 854#, FSIP 650#, FP 21#-21# & 31#-31#.	Shale & Shells	2675
· · · · · · · · · · · · · · · · · · ·	Shale & Lime	2925
DST #6, 3530-45, Open 30-45-45-60, weak blow, building	Shale	31.25
slightly both open periods. Recovered 40' oil spotted	Shale & Lime	3275
water cut mud (3% oil, 32% water, 65% mud). ISIP 1120#,	Lime	3640 RTD
FSIP 1078#, FP 31#-31# & 31#-31#.		
	·	

Purpose of string   size hole   drilled   set (in O.D.)   lbs/ft.   depth   cement   used   add   add   set (in O.D.)   lbs/ft.   depth   cement   used   add   add   set (in O.D.)   lbs/ft.   Light,   130   Common   50   3% (in O.D.)   Salt   Sa	,							
Purpose of string	,							
Production 7-7/8" 5-1/2" 14# 3639' 60-40 Pozmix 125 10% sold Salt  PERFORATION RECORD Shots perfoot specify footage of each interval perforated (amount and kind of material used)  All perfs= 3616-20, 3612-14, 3608-10, Acidized with 250 gal. 15% MCA. 2 shots 3600-02, 3581-87, 3570-74, Acidized with 500 gal. 15% MCA. per foot. 3523-29, 3423-25, 3406-09. Acidized with 500 gal. 15% MCA.	type and percent additives							
Production         7-7/8"         5-1/2"         14#         3639'         60-40 Pozmix         125         10% Salt           PERFORATION RECORD           shots per foot         specify footage of each interval perforated         Acid, Fracture, Shot, Cement Squeeze Record (amount and kind of material used)           All perfs=         3616-20, 3612-14, 3608-10, Acidized with 250 gal. 15% MCA.         Acidized with 500 gal. 15% MCA.           2 shots         3600-02, 3581-87, 3570-74, Acidized with 500 gal. 15% MCA.         Acidized with 500 gal. 15% MCA.	CaCl <sub>2</sub> .							
## PERFORATION RECORD   Acid, Fracture, Shot, Cement Squeeze Record	Salt, 500							
PERFORATION RECORD         Acid, Fracture, Shot, Cement Squeeze Record (amount and kind of material used)           shots per foot         3616-20, 3612-14, 3608-10, Acidized with 250 gal. 15% MCA.           2 shots         3600-02, 3581-87, 3570-74, Acidized with 500 gal. 15% MCA.           per foot.         3523-29, 3423-25, 3406-09. Acidized with 500 gal. 15% MCA.	Flush rund of ceme							
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2 shots 3600-02, 3581-87, 3570-74, Acidized with 500 gal. 15% MCA. per foot. 3523-29, 3423-25, 3406-09. Acidized with 500 gal. 15% MCA.	Depth							
TUBING RECORD cite set at packer at Liner Run  Yes  No	3523-29 3423-25 3406-09.							
TUBING RECORD size set at packer at Liner Hun Tes Hun								
Date of First Production Producing method  [ flowing pumping gas lift Other (explain)								
Oil Gas Water Gas-Oil Ratio Gas-Oil Ratio	<b>Gravity</b>							
Bbis MCF Bbis CFPB								
METHOD OF COMPLETION     PRODUCTION       Disposition of gas: ☐ vented     ☐ open hole     ☒ perforation       ☐ sold     ☐ other (specify)     ☐ other (specify)	INTERVAL							

☐Dually Completed. ☐Commingled

used on lease