

FORM MUST BE TYPED

SIDE ONE

COPY

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

Operator: License # 7524Name: Cris Oil & Ludovic Cristopher JrAddress B.O. Box 71Rantoul KansasCity/State/Zip 66079Purchaser: Crude Marketing Inc.Operator Contact Person: Ludovic L. Cristopher JrPhone (316) 9423646Contractor: Name: Rensch Well ServiceLicense: 4441Wellsite Geologist: Owner

Designate Type of Completion

☐ New Well ☐ Re-Entry ☐ Workover☒ Oil ☐ SWD ☐ SIOW ☐ Temp. Abd.☐ Gas ☐ ENHR ☐ SIGW☐ Dry ☐ Other (Core, WSU, Expl., Cathodic, etc)

If Workover/Re-Entry: old well info as follows:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

☐ Deepening ☐ Re-perf. ☐ Conv. to Inj/SWD☐ Plug Back ☐ PBTD☐ Commingled ☐ Docket No. _____☐ Dual Completion ☐ Docket No. _____☐ Other (SWD or Inj?) Docket No. _____Spud Date 9/14/92 Date Reached TD 9/11/92 Completion Date 93API NO. 15- 059 24715County FranklinNE - NW - NW 1/4 Sec. 4 Twp. 18 Rge. 21 ☒ E ☐ W165 Feet from S(N) (circle one) Line of Section825 Feet from E(W) (circle one) Line of SectionFootages Calculated from Nearest Outside Section Corner:
NE, SE, NW or SW (circle one)Lease Name Or am Well # 14Field Name Paola-RantoulProducing Formation SquirrelElevation: Ground 950' KB _____Total Depth 640' PBTD 623'Amount of Surface Pipe Set and Cemented at 20 FeetMultiple Stage Cementing Collar Used? ☐ Yes ☒ No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from 0feet depth to 623 w/ 80 sx cm.Drilling Fluid Management Plan 2-1-93
(Data must be collected from the Reserve Pit)Chloride content 0 ppm Fluid volume 160 bblsDewatering method used Evaporation

Location of fluid disposal if hauled offsite:

Operator Name _____

Lease Name _____ License No. _____

Quarter _____ Sec. _____ Twp. _____ S Rng. _____ E/W

County _____ Docket No. _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature Ludovic L. Cristopher JrTitle Owner Date 1/14/93Subscribed and sworn to before me this 4th day of January, 19 93.Notary Public Stephen D. KeeneyDate Commission Expires 9/9/93

Notary Public - State of Missouri

Commissioned in Cass County

My commission expires Sept 12, 1993

K.C.C. OFFICE USE ONLY

F ☐ Letter of Confidentiality Attached
C ☐ Wireline Log Received
C ☐ Geologist Report Received

Distribution

☒ KCC ☐ SVD/Rep ☐ HSP
☒ KGS ☐ Plug ☐ Other (Specify)

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Form ACO-1 (7-91)

FEB - 1 1993
CONSERVATION DIVISION
WICHITA, KANSAS

SIDE TWO

Operator Name Cris OilLease Name OramWell # 14Sec. 4 Twp. 18 Rge. 21☒ East
☐ WestCounty Franklin

COPY

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 ☐ Yes ☒ No
(Attach Additional Sheets.)Samples Sent to Geological Survey ☐ Yes ☒ NoCores Taken ☒ Yes ☐ NoElectric Log Run ☐ Yes ☒ No
(Submit Copy.)

List All E.Logs Run:

☐ Log Formation (Top), Depth and Datum ☒ Sample

Name	Top	Datum
Squirrel Sand	590	360

CASING RECORD

☐ New ☐ Used

Report all strings set-conductor, surface, intermediate, production, etc.

Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs./Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface Casing	10"	6 1/4"		20'	Portland	4	
Casing	5 1/4"	2 1/8"		623'	portland A	80	2%

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
☐ Perforate				
☐ Protect Casing				
☐ Plug Back TD				
☐ Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
	Not YET	Not Yet	591 to 599

TUBING RECORD	Size	Set At	Packer At	Liner Run	☐ Yes ☐ No
Date of First, Resumed Production, SMD or Inj.	Producing Method ☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (Explain)				
Estimated Production Per 24 Hours	Oil 3 Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

Disposition of Gas:

☐ Vented ☐ Sold ☐ Used on Lease
(If vented, submit ACD-18.)

METHOD OF COMPLETION

☐ Open Hole ☒ Perf. ☐ Dually Comp. ☐ Coamingled
☐ Other (Specify) _____RECEIVED
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CONSERVATION DIVISION
WICHITA, KANSAS

COPY

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

Operator: License # 7524Name: Ludovic L. Christopher JrAddress PO, Box 71Rantoul, KansasCity/State/Zip 66079Purchaser: EottOperator Contact Person: L. Christopher JrPhone (816) 942-8646Tractor: Name: Reusch Well Ser. Inc.License: 4441Wellsite Geologist: L. Christopher Jr.

Signature type of Completion

☒ New Well ☒ Re-Entry ☐ Workover☒ Oil ☐ SWD ☐ SIOW ☐ Temp. Abd.☐ Gas ☐ JNHR ☐ SIGW☐ Dry ☐ Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-Entry: old well info as follows:

Operator: CRIS OIL COMPANYWell Name: ORAM #14Comp. Date Was TA'd Old Total Depth 640'☐ Deepening ☐ Re-perf. ☐ Conv. to Inj/SWD☐ Plug Back ☐ PSTD☐ Commingled ☐ Docket No.☐ Dual Completion ☐ Docket No.☐ Other (SWD or Inj?) ☐ Docket No.6/14/94 7/1/94Date of REENTRY Date Reached TD Completion Date

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-106). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature Ludovic L. Christopher JrTitle owner Date 7/29/94Subscribed and sworn to before me this 29th day of July 1994.Notary Public Sherry L. RopchockDate Commission Expires 9-25-96

SHERRY L. ROPCHOCK
Notary Public - State of Missouri
Commission #

API NO. 15- 059-24 715-0001County FranklinNE NW NW Sec. 4 Twp. 18 Rge. 21 ☒ E ☐ W165 Feet from S ☒ (circle one) Line of Section825 Feet from E ☒ (circle one) Line of SectionFootages Calculated from Nearest Outside Section Corner:
NE, SE, ☒ NW or SW (circle one)Lease Name Oram "OWWO" Well # 14Field Name Paola - RantoulProducing Formation 1st SquirrelElevation: Ground 950' KBTotal Depth 640' PSTD 622'Amount of Surface Pipe Set and Cemented at 20 FeetMultiple Stage Cementing Collar Used? ☒ Yes ☐ NoIf yes, show depth set 622 FeetIf Alternate II completion, cement circulated from 622'feet depth to 0 w/ 80 sx cat.Drilling Fluid Management Plan REENTRY JH 3-16-98
(Data must be collected from the Reserve Pit)Chloride content 0 ppm Fluid volume 120 bblsDewatering method used Evaporation

Location of fluid disposal if hauled offsite:

Operator Name Ludovic L. Christopher JrLease Name Oram License No. 7524NW Quarter Sec. 4 Twp. 18 S Rng. 21 ☒ E ☐ WCounty Franklin Docket No. STATE RECEIVED

K.C.C. OFFICE USE ONLY

F ☒ Letter of Confidentiality Attached
C ☒ Wireline Log Received
C ☐ Geologist Report Received

Distribution

☒ KCC ☐ SWD/Rep ☐ NEPA
☐ KGS ☐ Plug ☒ Other (Specify) IS

Operator Name Ludovic L. Christopher Jr Lease Name Oram Well # 14
 Sec. 4 Twp. 18 Rge. 21 ☒ East ☐ West
 County Franklin

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 ☐ Yes ☒ No
 (Attach Additional Sheets.)

Samples Sent to Geological Survey ☐ Yes ☒ No

Cores Taken ☒ Yes ☐ No

Electric Log Run ☒ Yes ☐ No
 (Submit Copy.)

List All E.Logs Run:

Gamma & Neutron

☒ Log Formation (Top), Depth and Datums ☒ Sample

Name Top Datum

1st Squirrel 590' to 598'

COPY

CASING RECORD

☐ New ☐ Used

Report all strings set-conductor, surface, intermediate, production, etc.

Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs./Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
<u>Surface Casing</u>	<u>10"</u>	<u>6 1/4"</u>		<u>20'</u>	<u>Portland A</u>	<u>2</u>	
<u>Production Casing</u>	<u>5 1/8"</u>	<u>2 7/8"</u>		<u>622</u>	<u>Portland A</u> <u>POZ</u>	<u>80</u>	<u>2% Gel</u>

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
☐ Perforate				
☐ Protect Casing				
☐ Plug Back TD				
☐ Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth
<u>2</u>	<u>592' to 598'</u>	

TUBING RECORD	Size	Set At	Packer At	Liner Run	☐ Yes ☐ No
	<u>1"</u>				
Date of First, Resumed Production, SWD or Inj.	Producing Method ☐ Flowing ☒ Pumping ☐ Gas Lift ☐ Other (Explain)				
<u>7/1/94</u>					
Estimated Production Per 24 Hours	Oil <u>3</u> Bbls.	Gas	Mcf	Water <u>0</u> Bbls.	Gas-Oil Ratio Gravity

Disposition of Gas:

☐ Vented ☐ Sold ☐ Used on Lease
 (If vented, submit ACO-18.)

METHOD OF COMPLETION

☐ Open Hole ☒ Perf. ☐ Dually Comp. ☐ Commingled
☐ Other (Specify) _____

Production Interval

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