

COPY

SIDE ONE

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

Operator: License # 09579
Name: Kramers Oil Field Service
Address Route 2

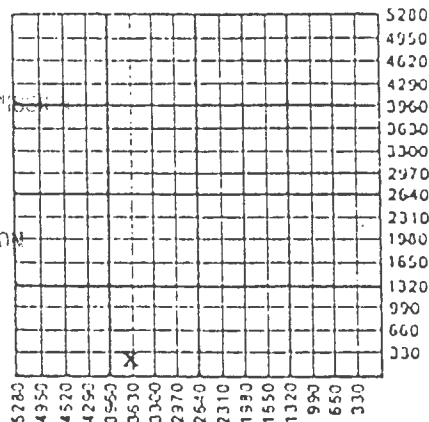
City/State/Zip Wellsville, KS 66092
Purchaser: Crude Marketing
Operator Contact Person: Dean Kramer
Phone (913) 883-4871
Contractor: Name: Hughes Drilling Co
License: 5682
Wellsite Geologist: none

Designate Type of Completion
☒ New Well ☐ Re-Entry ☐ Workover

☐ Oil ☐ SWD ☐ Temp. Abd.
☐ Gas ☒ Inj ☐ Delayed Comp.
☐ Dry ☐ Other (Core, Water Supply, etc.)

NO: old well info as follows:
Operator: _____
Well Name: _____
Comp. Date _____ Old Total Depth _____
Drilling Method:
☒ Mud Rotary ☐ Air Rotary ☐ Cable
2-12-91 2-16-91 2-16-91
Spud Date Date Reached TD Completion Date

API NO. 15- 091-22,276
County Johnson
SW SE SW Sec. 19 Twp. 14 Rge. 22 ☒ East ☐ West
390 402 FSL Ft. North from Southeast Corner of Section
3530 3483 FEL Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)
KCC Record
Lease Name Hodges Well # 1 WB
Field Name Longanecker
Producing Formation Bartlesville
Elevation: Ground n/a KB n/a
Total Depth 925 PBTD _____



Amount of Surface Pipe Set and Cemented at 21.50 Feet
Multiple Stage Cementing Collar Used? ☐ Yes ☒ No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from 920
feet depth to 0 w/ 100 sx cmt.

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 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 drillers time log 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. Any recompletion, workover or conversion of a well requires filing of ACO-2 within 120 days from commencement date of such work.

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 William S. Harrell
Title Secretary Date 4-19-91
Subscribed and sworn to before me this 19 day of April, 19 91.
By Public Jessie G. Longstreet
Date Commission Expires July 10, 1991

K.C.C. OFFICE USE ONLY		
F	<input type="checkbox"/> Letter of Confidentiality Attached	
C	<input checked="" type="checkbox"/> Wireline Log Received	
C	<input type="checkbox"/> Drillers Timelog Received	
Distribution		
<input checked="" type="checkbox"/> KCC	<input type="checkbox"/> SWD/Rep	<input type="checkbox"/> NGPA
<input type="checkbox"/> KGS	<input type="checkbox"/> Plug	<input type="checkbox"/> Other (Specify)

COPY

SIDE TWO

Operator Name Kramers Oil Field Service Lease Name Hodges Well # 1 WB

Sec. 19 Twp. 14 Rgc. 22 ☒ East County Johnson

☐ West

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.)

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APR 22 1991

REGISTRATION DIVISION
Tulsa, OK 74103

Formation Description

☐ Log ☐ Sample

Name Top Bottom

Base of Kansas City 445
Bartlesville Sand 892- 899.5
TD 925

see driller's log

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	6 5/8	6 1/4		21.50	portland	5 sacks	
production	5 1/5	2 7/8		920	portland	100 sacks	

PERFORATION RECORD

Shots Per Foot Specify Footage of Each Interval Perforated

Acid, Fracture, Shot, Cement Squeeze Record
(Amount and Kind of Material Used) Depth

2 896-904 spot acid on perfs
acid breakdown with 200 gallons

WAITING ON KCC APPROVAL FOR INJECTION

TUBING RECORD

Size Set At Packer At
none-injection well

Liner Run ☐ Yes ☒ No

Date of First Production Producing Method ☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (Explain)

Estimated Production Per 24 Hours Oil Bbls. Gas Mcf Water Bbls. Gas-Oil Ratio Gravity

Disposition of Gas:

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

METHOD OF COMPLETION

☐ Open Hole ☒ Perforation ☐ Dually Completed ☐ Commingled

☐ Other (Specify) 896-904

Production Interval

CONTRACTOR

HUGHES DRILLING COMPANY
122 NORTH MAIN
WELLSVILLE, KANSAS 66092

2/12/91-2/16/91

705

19-14-22B

OPERATOR

Kramer's Oil Field Service
Wellsville, Kansas 66092

COPY

LOG
HODGES

WELL NO. 1 WB

API #15-091-22,276

JOHNSON CO., KANSAS

390 FSL

SEC. 19, TWP. 14S, RNG. 22E

3530 FEL

SW SE SW

STRATA THICKNESS	FORMATION DRILLED	T.D.	STRATA THICKNESS	FORMATION DRILLED	T.D.
18	Clay	18	5	Lime	623
64	Shale (Sdy. 75-82)	82	4	Shale	627
36	Lime	118	4	Lime(Brk.)	631
8	Shale (Dark) (Slate 124-125)	126	5	Shale	636
9	Lime	135	7	Lime	643
7	Shale	142	5	Gray Sand	648
21	Lime	163	9	Shale	657
19	Shale	182	3	Lime(Brown)	660
21	Lime	203	6	Shale (Slate 665-666)	666
5 6 14	Shale	208	7	Lime	673
	Lime	222	9	Shale	682
20	Shale	242	5	Red Bed	687
21	Lime	263	7	Shale (Slate 692-694)	694
19	Shale	282	7	Lime	701
9	Lime	291	5	Shale	707
17	Shale	308	4	Gray Sand	711
6	Lime	314	41	Shale	752
6	Shale	320	2	Lime	754
16	Lime	336	22	Shale (Limebreak 765')	776
36	Shale (Limebreak 360')	372	4	Brown Sand (Oil-Trace)	780
24	Lime 30'	396	23	Shale	803
7	Shale (Slate 400-401)	403	2	Lime	805
24	Lime 20'	427	81	Shale (Limebreak 879')	886
4	Shale (Slate 430-431)	431	1	Lime	887
	Lime	435	5	Shale	892
	Shale	439	7.5	OIL Sand ("BARTLESVILLE")	899.5
6	Lime "HERTHA"	445	25.5	Shale	925T.D
173	Shale (Brk. 448-451)	618			

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CONSERVATION DIVISION
Wichita, Kansas

CONTRACTOR

HUGHES DRILLING COMPANY
122 NORTH MAIN
WELLSVILLE, KANSAS 66092

OPERATOR

19-14-22E

COPY

LOG

HODGES

WELL NO. 1 WB

API #

CONT.

STRATA THICKNESS	FORMATION DRILLED	T.D.	STRATA THICKNESS	FORMATION DRILLED	T.D.
2/16/91--					
Set 920 ft. of 2 7/8" 8 rd. upset pipe.					
Used c centralizers.					
Float shoe on bottom					
10 rd. weld-on collar on top.					
2/12/91--					
Set 21.50 ft. of 6 1/4" surface pipe.					
Cemented in with 5 sacks cement.					
Cored "BARTLESVILLE ZONE" 892.5-903.5'.					