SIDE ONE

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

Operator: License # ...06761.....
Name ...Perry Petroleum, Inc.....
Address P. O. Box 580.....
.....Hutchinson, KS 67504.....
City/State/Zip .....

Purchaser.....
.....

Operator Contact Person .....Jim Perry.....
Phone .....(316) 662-4401.....

Contractor: License # ....5864.....
Name ...Lobo Drilling Company.....

Wellsite Geologist.....F. Calvin Jones.....
Phone.....(316) 265-5486.....

Designate **Type of Completion**
__ New Well __ Re-Entry __ Workover

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

If **OWWO:** old well info as follows:
Operator .....
Well Name .....
Comp. Date .....Old Total Depth.....

WELL HISTORY

Drilling Method:
X Mud Rotary __ Air Rotary __ Cable

...4-18-88... ...4-26-88... ...4-26-88...
Spud Date Date Reached TD Completion Date (KC-KCC)

.....4600... .....
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at .....217..... feet
Multiple Stage Cementing Collar Used? __ Yes X No
If yes, show depth set.....feet
If alternate 2 completion, cement circulated
from.....feet depth to.....w/.....SX cmt
Cement Company Name .....
Invoice # .....

Alt II JRA

API NO. 15-...101-21,467-0000.....

County...Lane.....

SE NW SW Sec. 22 Twp. 17 Rge. 28 __ East X West

..1650.... Ft North from Southeast Corner of Section
..4290.... Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

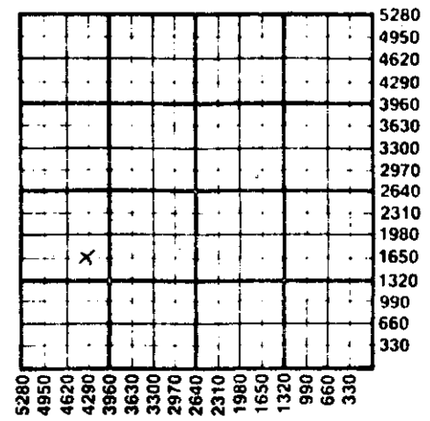
Lease Name....Cartmill.....Well #..1.....

Field Name.....

Producing Formation.....

Elevation: Ground.....2749.....KB...2754.....

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water: __ Disposal
Docket # ..... __ Repressuring

Questions on this portion of the ACO-1 call:
Water Resources Board (913) 296-3717

Source of Water:
Division of Water Resources Permit #.....

__ Groundwater.....Ft North from Southeast Corner
(Well) .....Ft West from Southeast Corner of
Sec Twp Rge __ East __ West

__ Surface Water.....Ft North from Southeast Corner
(Stream, pond etc).....Ft West from Southeast Corner
Sec Twp Rge __ East __ West

__ Other (explain).....
(purchased from city, R.W.D. #)

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. 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 .....
James T. Perry
Title.....President..... Date 6/29/88....

RECEIVED
STATE CORPORATION COMMISSION
JUL 5 1988
CONSERVATION DIVISION
Wichita, Kansas

Subscribed and sworn to before me this ...29th...day of...June.....
19..88...
Notary Public...Sandra K. Mosier.....
Date Commission Expires...5/1/92.....

7-5-88

NOTARY PUBLIC - State of Kansas
SANDRA K. MOSIER
My Appt. Exp. 5/1/92

K.C.C. OFFICE USE ONLY
F __ Letter of Confidentiality Attached
C ✓ Wireline Log Received
C __ Drillers Timelog Received
Distribution
✓ KCC __ SWD/Rep __ NGPA
✓ KGS __ Plug __ Other (Specify)
.....
.....
7-5-88 X

Form ACO-1 (5-86)

Sec. 22 Twp. 17 Rge. 28 W

SIDE TWO

Operator Name ..... Perry Petroleum, Inc. ..... Lease Name ..... Cartmill ..... Well # ..... 1 .....

Sec... 22 .... Twp.... 17 ... Rge... 28 ..... ☐ East ☒ West County ..... Lane .....

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	☒ Yes	☐ No
Samples Sent to Geological Survey	☐ Yes	☒ No
Cores Taken	☐ Yes	☒ No

DST #1: -1358-1441; 30-30-30-45; IF/FF 51/73; ISI/FSI 1025/1047; HP 2032: 114 degrees; 100' DMSO.

DST #2: -1450-1506; 30-30-30-30; IF/FF 100/128; ISI/FSI 949/921; HP 2132; 116 degrees; 130' DM.

DST #3: -1553-1647; 30-30-30-30; IF/FF 24/44; ISI/FSI 1075/1061; HP 2182; 118 degrees; 90' DMSO.

Formation Description

☒ Log ☐ Sample

Name	Top	Bottom
Anhydrite	+628	
B/Anhydrite	+596	
Heebner	-1168	
Toronto	-1183	
Lansing	-1205	
Stark Sh.	-1466	
Hush Sh.	-1498	
B/Kansas City	-1538	
Marmaton	-1566	
Ft. Scott	-1710	
Cherokee	-1735	
Mississippian	-1804	
TD	-1863	

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	12 1/4	8 5/8	24#	217	60/40 Poz	140	3%cc. 2%gel

PERFORATION RECORD

Shots Per Foot	Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth

TUBING RECORD Size ..... Set At ..... Packer at ..... Liner Run ☐ Yes ☐ No

Date of First Production	Producing Method				
	☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (explain)				
	Oil	Gas	Water	Gas-Oil Ratio	Gravity
Estimated Production Per 24 Hours	Bbls	MCF	Bbls	CFPB	

METHOD OF COMPLETION Production Interval

Disposition of gas: ☐ Vented ☐ Sold ☐ Used on Lease

☐ Open Hole ☐ Perforation

☐ Other (Specify) .....

☐ Dually Completed

☐ Commingled

.....

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