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SIDE ONE

OCT 0

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

API NO. 15- 119-20,835

County Meade

C NW SW Sec. 8 Twp. 33S Rge. 29 X East West

1980 Ft. North from Southeast Corner of Section

4620 Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)

Lease Name Roberts Well # 1

Field Name Wildcat

Producing Formation N/A

Elevation: Ground 2695 KB 2708

Total Depth 6400 PBTD

Operator: License # 30444

Name: Charter Production Company

Address 224 E. Douglas, Suite 400

City/Stete/Zip Wichita, KS 67202

Purchaser: N/A

Operator Contact Person: Robert C. Spurlock

Phone (316) 264-2808

Contractor: Name: Eagle Drilling, Inc.

License: 5380

Wellsite Geologist: Robert Smith

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CONSERVATION DIVISION
Wichita, Kansas

Designate Type of Completion
X 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 ___

Drilling Method:
X Mud Rotary ___ Air Rotary ___ Cable

8/24/91 Spud Date | 9/7/91 Date Reached TD | 9/8/91 Completion Date

5280 4950 4620 4290 3960 3630 3300 2970 2640 2310 1980 1650 1320 990 660 330

Alt I DFA

Amount of Surface Pipe Set and Cemented at 1611 Feet

Multiple Stage Cementing Collar Used? ___ Yes X No

If yes, show depth set ___ Feet

If Alternate II completion, cement circulated from ___

feet depth to ___ w/ ___ 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 Robert C. Spurlock

Title President Date 10/4/91

Subscribed and sworn to before me this 4th day of October, 19 91.

Notary Public

Date Commission Expires

State of Kansas
My Appt. Exp. 6-14-95

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) TS

Form ACO-1 (7-89)

SIDE TWO

Operator Name Charter Production Company Lease Name Roberts Well # 1

Sec. 8 Twp. 33S Rge. 29 ☐ East ☒ West County Meade

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

See attached

Formation Description

☒ Log ☐ Sample

Name	Top	Bottom

See attached

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#	1611'	Light	560	2% CC
					Class C	150	2% 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
N/A			

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

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

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

Disposition of Gas:

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

METHOD OF COMPLETION

☐ Open Hole ☐ Perforation ☐ Dually Completed ☐ Commingled
☐ Other (Specify)

Production Interval

COPY

Please keep information confidential

CHARTER PRODUCTION COMPANY
224 E. DOUGLAS - SUITE 400
WICHITA, KANSAS 67202
316/264-2808

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Roberts #1
1980' FSL & 4620' FEL
Section 8-33S-29W
Meade County, Kansas
Ten High Prospect

GL 2695'
KB 2708'

DST #1. 4635'-4663'. Open 30", S.I. 60", Open 30", S.I. 60" Gas to surface in 45" of second shut in. Recovery 695' total fluid. Breakdown:
100' GO (30% G, 70% O)
110' G & OCM (20% G, 12% O, 5%W, 63% M)
485' SW 60,000 ppm
IHP 2196# FHP 2175# IFP 78-211# FFP 266-333# ISIP 1351# FSIP 1320#

DST #2. 5744'-5784'. Open 30", S.I. 30", Open 30", S.I. 30". Recovery: 15' of mud. IHP 2741# FHP 2710# IFP 45#-45# FFP 45#-45# ISIP 45# FSIP 56#.

DST #3. 5746'-5800'. Open 30, S.I. 30, Open 30, S.I. 30. Recovery: 20' of mud. IHP 2793# FHP 2762# IFP 67#-67# FFP 67#-67#, ISIP 89# FSIP 67#.

DST #4. 5748'-5834'. Open 30, S.I. 60, Open 90, S.I. 90. Recovery: 65' slightly gassy mud. IHP 2835#, IFP 78-78#, ISIP 1436#, FFP 67-67#, FSIP 1362#, FHP 2753#.

DST #5. 6078'-6110'. Open 30", S.I. 60", Open 90", S.I. 90". Recovery 30' Mud NS. IHP 2971# IFP 45#-45#, ISIP 56#, FFP 45#-45#, FSIP 123# FHP 2950#.

Formation Tops
Anhydrite 989' (+1319')
Glorieta Sand 1117' (+1191')
Heebner Shale 4482'(-1774')
Toronto LS 4505' (-1797')
Stark 5080' (-2372')
Swope 5085' (-2377')
Marmaton 5275' (-2567')
Novinger 5334' (2626')
Morrow 5767' (-3059')
Morrow "A" SD 5770' (-3062)
Morrow "B" SD 5809' (-3101)
Morrow "C" SD 5834' (-3126')
Miss Chester LS 5848' (-3140')
Miss Chester SD 6092' (-3384')
Miss St. Gen 6144' (-3436')
Miss St Louis 6206' (-3498')
Total Depth 6403' (-3695)

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