

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

Operator: License # 4779Name: NORTH AMERICAN RESOURCES CO.Address 16 E. GRANITECity/State/Zip BUTTE, MT 59701Purchaser: N/AOperator Contact Person: TED NEESPhone (406) 782-4233Contractor: Name: RED TIGER DRILLING CO.License: 5302

Wellsite Geologist: _____

Designate Type of Completion

☒ New Well ☐ Re-Entry ☐ Workover

☐ Oil ☐ SWD ☐ Temp. Abd.

☐ Gas ☐ Inj ☐ Delayed Comp.

☒ Dry ☐ Other (Core, Water Supply, etc.)

If OWMO: old well info as follows:

Operator: N/A

Well Name: _____

Comp. Date _____ Old Total Depth _____

Drilling Method:

☒ Mud Rotary ☐ Air Rotary ☐ Cable

8-7-91 8-19-91 8-20-91

Spud Date Date Reached TD Completion Date

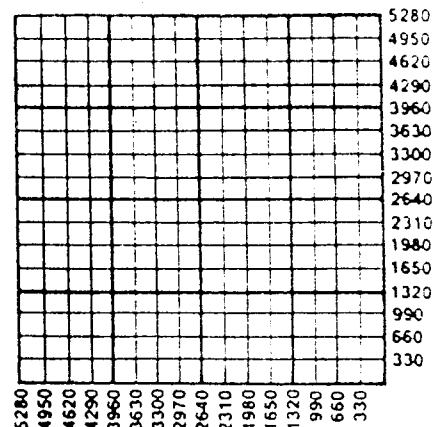
API NO. 15- 055,21,005County FINNEY

C NE NW Sec. 17 Twp. 23 Rge. 30 X East West

4620 Ft. North from Southeast Corner of Section

3300 Ft. West from Southeast Corner of Section

(NOTE: Locate well in section plat below.)

Lease Name HERBERT Well # 17-2Field Name UNKNOWNProducing Formation MorrowElevation: Ground 2845 KB 2850Total Depth 4900 PBTD N/AAmount of Surface Pipe Set and Cemented at 1753 FeetMultiple Stage Cementing Collar Used? ☐ Yes ☒ NoIf yes, show depth set N/A FeetIf Alternate II completion, cement circulated from N/Afeet depth to N/A w/ _____ sx ctt.

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 [Signature]Title Drilling Superintendent Date 10/4/91Subscribed and sworn to before me this 4th day of October, 1991.Notary Public [Signature] O'NeilDate Commission Expires May 24, 1994

K.C.C. OFFICE USE ONLY

F ☐ Letter of Confidentiality Attached

C ☒ Wireline Log Received

C ☐ Drillers Timelog Received

Distribution

☒ KCC ☐ SWD/Rep ☒ CPA

☒ KGS ☐ PUG ☐ Other (Specify)

Operator Name NORTH AMERICAN RESOURCES COLease Name HERBERTWell # #17-2☐ EastCounty FINNEYSec. 17 Twp. 23 Rge. 30☒ 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.)

Formation Description

☒ Log ☐ Sample

Name	Top	Bottom
Stone Corral	1976	2676
Krider	2676	3504
Topeka	3504	3984
Heebner	3984	4082
Lansing	4082	4470
Base Kansas City	4470	4492
Marmaton	4492	4564
Pawnee	4564	4608
Cherokee	4608	4724
Morrow	4724	4730

CASING RECORD

☒ New ☐ Used
 Mississippi

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 $\frac{1}{4}$ "	8 5/8"	23	1753	60-40POZ	715	2%CC, 1/4#FLO

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	Well was P & A'd		

TUBING RECORD

Size

Set At

Packer At

Liner Run

☐ Yes ☐ No

N/A						☐ Yes ☐ No		
Date of First Production N/A	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:

METHOD OF COMPLETION

Production Interval

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

☐ Open Hole ☐ Perforation ☐ Dually Completed ☐ Commingled

☒ Other (Specify) Plugged and Abandoned