28609

ORIGINAL CONFIDENTIAL COPY

20-23-40W

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 # 04680

Name: American Exploration Company

Address 2100 NCNB Center

700 Louisiana

City/State/Zip Houston, Texas 77002

chaser: KN Energy

Operator Contact Person: Marty B. McClanahan

Phone (713) 220-8251

ntractor: Name: Cheyenne Drilling Co.

License: 5382

Wellsite Geologist: Ron Osterbuhr

Designate Type of Completion
XX New Well ____ Re-Entry ____ Workover

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

If OWWO: old well info as follows:
Operator:

Well Name:

Comp. Date _____ Old Total Depth _____

Drilling Method:
____ Mud Rotary ____ Air Rotary ____ Cable

8-20-90 Spud Date | 8-24-90 Date Reached TD | 11/27/90 Completion Date

API NO. 15- 075-20,439

County Hamilton

____ NE/4 ____ Sec. 20 Twp. 23S Rge. 40 XX East West

3960 Ft. North from Southeast Corner of Section

1320 Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)

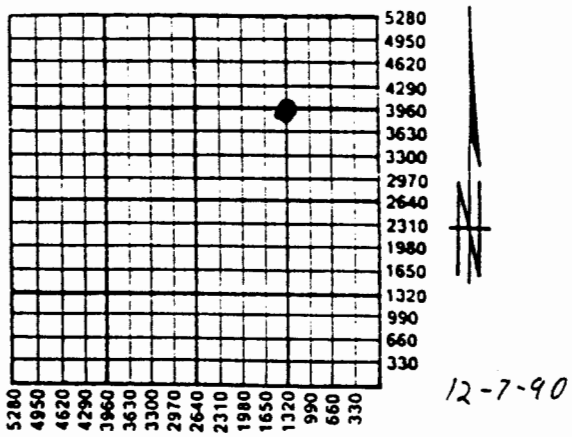
Lease Name HCU Well # 2030-C

Field Name Bradshaw

Producing Formation Winfield

Elevation: Ground 3423 KB

Total Depth 2732 PBTD 2670



12-7-90

Amount of Surface Pipe Set and Cemented at 359 Feet

Multiple Stage Cementing Collar Used? _____ Yes XX No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from 2732

feet depth to Surface w/ ~~830~~ 610 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 Marty B. McClanahan

Title Sr. Production Analyst Date 9/11/90

Subscribed and sworn to before me this 11th day of September, 19 90.

Notary Public

Date Commission Expires

MOLLY ALLEN EDGE
NOTARY PUBLIC
STATE OF TEXAS
EXPIRES
AUG. 25, 1994

DEC

K.C.C. OFFICE USE ONLY
F ✓ Letter of Confidentiality Attached
C ✓ Wireline Log Received
C ____ Drillers Timelog Received

RELEASED

Distribution
✓ KCC ____ SWD/Rep ____ NGPA
✓ KGS ____ Plug ____ Other (Specify)

DEC 03 1990

FROM CONFIDENTIAL

Form ACO-1 (7-89)

CONFIDENTIAL

SIDE TWO

Operator Name American Exploration Company Lease Name HCU Well # 2030-C

Sec. 20 Twp. 23S Rge. 40 ☐ East ☒ West County Hamilton

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

Formation Description

☒ Log ☐ Sample

Name	Top	Bottom
Stone Corral Anhy.	----	2041 (+1393)
Winfield	2517 (+917)	
Ft. Riley	2612 (+822)	

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	20#	359	Class C	120	6% gel 3% CC ¼#
					Class H	100	3% ¼#sx Flake
Production	7-7/8	4-1/2	9.5#	2732	65/35 POZ	410	6% D20 3% CC ¼D29
					Class H	200	3% CC ¼# D29

PERFORATION RECORD Shots Per Foot	Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
	2614-16'	5000 gals. 15% HCL + additives	
	2606-08'	+ 2160 gals. 15% MCA acid	
	2572-89		
	2558-67'		
	2518-37'		

TUBING RECORD Size	Set At	Packer At	Liner Run
2-3/8	2649	2496	☐ Yes ☐ No

Date of First Production	Producing Method
SI WOPL	☐ 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) _____

Production Interval