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COPY
SIDE ONE

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

API NO. 15- 075-20,454
County Hamilton FROM CONFIDENTIAL

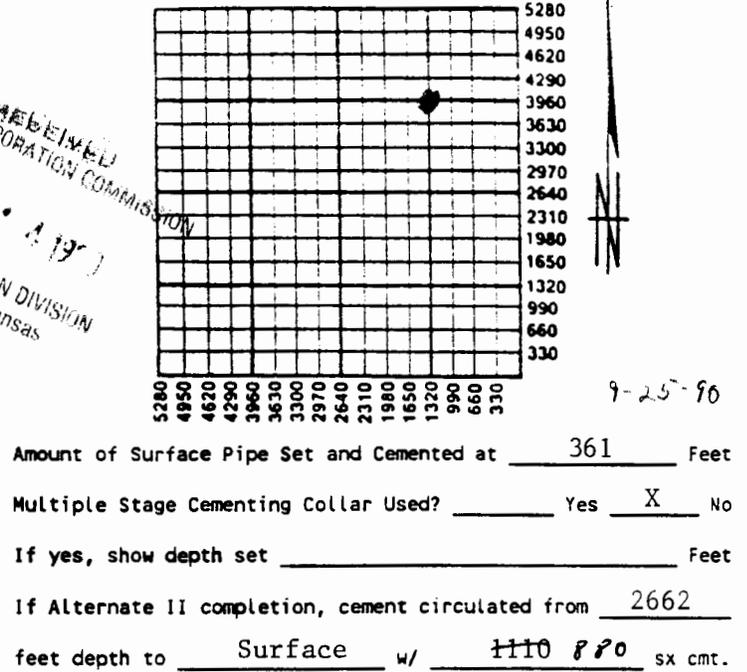
C NE/4 Sec. 22 Twp. 23 Rge. 41 XX East West
3960 Ft. North from Southeast Corner of Section
1320 Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)

Lease Name HCU Well # 2231-B
Field Name Bradshaw
Producing Formation Winfield
Elevation: Ground 3439' KB _____
Total Depth 2662 PBDT 2605

Operator: License # 04680
Name: American Exploration Company
Address 2100 NCNB Center
Houston, Texas 77002
City/State/Zip _____
Purchaser: KN Energy
Operator Contact Person: Marty B. McClanahan
Phone (713) 220-8251
Contractor: Name: Cheyenne Drilling Co.
License: 5382
Wellsite Geologist: Ron Osterbuhr

Designate Type of Completion
 New Well Re-Entry Workover
 Oil SWD Temp. Abd. Wichita, Kansas
 Gas S.I. Inj Delayed Comp.
 Dry Other (Core, Water Supply, etc.)

If **OWMO**: old well info as follows:
Operator: _____
Well Name: _____
Comp. Date _____ Old Total Depth _____
Drilling Method:
 Mud Rotary Air Rotary Cable
5/17/90 5/20/90 6/23/90
Start Date Date Reached TD Completion Date



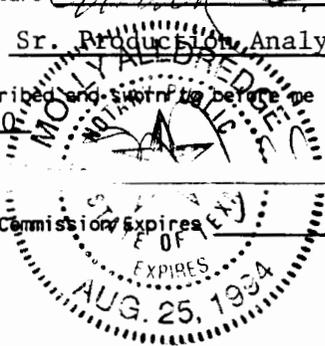
Amount of Surface Pipe Set and Cemented at 361 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from 2662
feet depth to Surface w/ 110 880 sx cmt.

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 9/12/90
Subscribed and sworn to before me this 12th day of September,
19 90
Date Commission Expires _____

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Drillers Timelog Received
Distribution
 KCC SWD/Rep VGPA
(Specify) T.S.



SIDE TWO

Operator Name American Exploration Company Lease Name HCU Well # 2231-B
 Sec. 22 Twp. 23 Rge. 41 East County Hamilton
 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.

RELEASED

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

SEP 07 1991

Log Sample

FROM CONFIDENTIAL

Name	Top	Bottom
Stone Corral Anhy.	----	2036 (+1414)
Winfield	2506 (+944)	
Ft Riley	2604 (+846)	

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#	358	35/65 Poz	130	3% CC 6% gel
Production	7-7/8	4-1/2	9.5	2661	Class H	100	3% CC & 1/4#
					35/86 Poz	52/600	8% gel
					Class H	283200	3% D-60

PERFORATION RECORD

Shots Per Foot Specify Footage of Each Interval Perforated

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

4 SPF	2518-28'	1000 gals. 15% HCL acid	
		9000 gals. pad, 35,000# sand	

TUBING RECORD

Size Set At Packer At
 2-3/8 2498 2455

Liner Run Yes No

Date of First Production SI WPLC 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 Open Hole Perforation Dually Completed Commingled
 (If vented, submit ACO-18.)

22-23-41W

COPY

DRILLERS LOG

AMERICAN EXPLORATION COMPANY
HCU #2231-B
SECTION 22-T23S-R41W
HAMILTON COUNTY, KANSAS

COMMENCED: 05-17-90
COMPLETED: 05-20-90

SURFACE CASING: 346' OF 8 5/8"
CMTD W/130 SX DSLW, 3% C.C.,
1/4#/SX D-29; TAILED IN W/ 100 SX
"H", 3% C.C., 1/4#/SX D-29

FORMATION	DEPTH
SURFACE HOLE	0- 361
SAND & CLAY	361-1095
SHALE, CLAY, & ANHYDRITE	1095-1780
SHALE	1780-2662 RTD

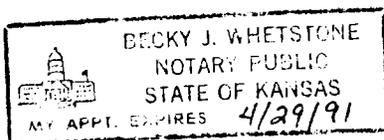
I DO HEREBY CERTIFY THAT THE FOREGOING STATEMENTS ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

CHEYENNE DRILLING, INC.

A. J. JACQUES

STATE OF KANSAS :ss:

SUBSCRIBED AND SWORN TO BEFORE ME THIS 21ST DAY OF MAY, 1990.



Becky J. Whetstone

BECKY J. WHETSTONE, NOTARY PUBLIC