

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 # 5923
Name American Petroleum Company, Inc.
Address 3500 North Rock Road
Building #1300
City/State/Zip Wichita, KS 67226

Purchaser: CENTRAL STATES GAS COMPANY

Operator Contact Person Jim Barvais
Phone (316)-684-5273

Contractor: License # 8241
Name Emphasis Oil Operations

Wellsite Geologist JIM BARVAIS
Phone (316) 684-5273

Designate Type of Completion

New Well Re-Entry Workover
 Oil SWD Temp Abd
 Gas Inj Delayed Comp.
 Dry Other (Core, Water Supply etc.)

If OWWO: old well info as follows:

Operator Carter-Mandel
Well Name McEntire #1
Comp. Date 8-5-65 Old Total Depth 4640

WELL HISTORY

Drilling Method:

Mud Rotary Air Rotary Cable

12/1/87 Spud Date 12/2/87 Date Reached TD 2-18-88 Completion Date

3234' Total Depth PBDT

Amount of Surface Pipe Set and Cemented at 320 feet prev. set
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set feet
If alternate 2 completion, cement circulated from feet depth to w/ SX cmt
Cement Company Name
Invoice #

API NO. 15-007-01, 022-00-01

County Barber

...NW SE NW Sec. 13 Twp 30S Rge 12 East West

3630 Ft North from Southeast Corner of Section
3630 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

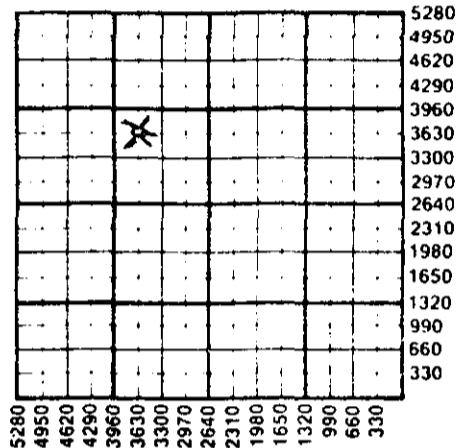
Lease Name McEntire "OWWO" Well # 1-A

Field Name Kumberg, SE

Producing Formation INDIAN CAVE

Elevation: Ground 1812' KB 1817'

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 4950 Ft North from Southeast Corner (Stream, pond etc) 2310 Ft West from Southeast Corner Sec 24 Twp 30S Rge 12 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. BARVAIS

Title PRESIDENT Date 2-17-88

Subscribed and sworn to before me this 17th day of FEBRUARY 1988

Notary Public Marcia L. Alterman

Date Commission Expires May 3, 1990



K.C.C. OFFICE USE ONLY
 Letter of Confidentiality Attached
 Wireline Log Received
 Drillers Time Log Received
Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other (Specify)

Sec. 13 Twp 30S Rge 12W

SIDE TWO

Operator Name American Petroleum Company, Inc. Lease Name McEntire Well # 1-A

Sec. 13 Twp. 30S Rge. 12 East West County Barber

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

Formation Description
 Log Sample

Name Top Bottom
 INDIAN CAVE 2752'

RELEASED

MAR 30 1989

~~3-30-89~~

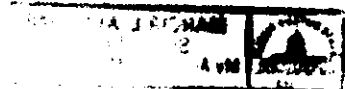
FROM CONFIDENTIAL

CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> 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		8 5/8"	UNKNOWN	320'	UNKNOWN		
PRODUCTION	7 7/8"	5 1/2"	14#	3194'	60/40	210	10% SALT & 5% GILSONITE
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)		Depth	
3 SPF	2754' TO 2757'			500 GALLONS 10%		2754' TO 2757'	
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Date of First Production		Size		Set At		Packer at	
2-18-88		2 3/8"		2757'			
Date of First Production		Producing Method <input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (explain).....					
Estimated Production Per 24 Hours		Oil	Gas	Water	Gas-Oil Ratio	Gravity	
NONE		Bbls	540 MCF	NONE	Bbls	CFPB	

METHOD OF COMPLETION

Production Interval

Disposition of gas: Vented Open Hole Perforation
 Sold Other (Specify) 2754' TO 2757'
 Used on Lease Dually Completed
 Commingled



EMPHASIS OIL OPERATIONS

P. O. BOX 506
RUSSELL, KS 67665

DRILLERS LOG

OPERATOR: American Petroleum Company, Inc.
3500 North Rock Road, Bldg. #1300
Wichita, Kansas 67226

CONTRACTOR: Emphasis Oil Operations
Box 506
Russell, KS 67665

LEASE: McEntire "OWWO" WELL #1-A

LOCATION: NW SE NW
Section 13-30S-12W
Barber County, Kansas

LOGGERS TOTAL DEPTH: 3234'

ROTARY TOTAL DEPTH: 3234'

ELEVATION: 1817' K.B.

COMMENCED: 12/1/87

COMPLETED: 12/2/87

CASING: 8-5/8" @ 320' previously set
5-1/2" @ 3194.26' w/210 sks cement

STATUS: Gas Well

DEPTHS & FORMATIONS

(All measurements from K.B.)

Cement Plug 145'
Wash Down (R.T.D.) 3234'

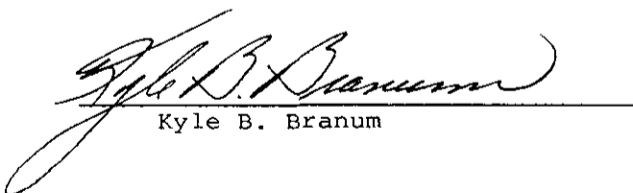
RELEASED

MAR 30 1989

STATE OF KANSAS)
) ss
COUNTY OF RUSSELL)

FROM CONFIDENTIAL

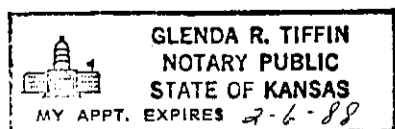
Kyle B. Branum, of Emphasis Oil Operations, states that the above and foregoing is a true and correct log of the above captioned well, to the best of his knowledge.

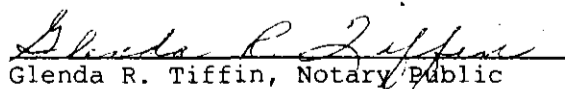


Kyle B. Branum

Subscribed and sworn to before me on December 7, 1987.

My commission expires: February 6, 1988.


GLENDA R. TIFFIN
NOTARY PUBLIC
STATE OF KANSAS
MY APPT. EXPIRES 2-6-88



Glenda R. Tiffin, Notary Public

GREAT GUNS

LOGGING

DIGITAL LOG

R. A. GUARD
LOG

COMPANY: AMERICAN PETROLEUM CO.
WELL: McENTIRE #1-A 0UW0
FIELD:
COUNTY: BARBER

FILE NO.: H-056289
STATE: KANSAS
COUNTRY: USA

LOCATION: NW SE NW

SEC: 13 TWP: 30S RGE: 12W

DATE: 12/ 2/87
RUN NO.: 1

PERMANENT DATUM: GL
DRILLING MEASURED FROM: KB
LOG MEASURED FROM: KB
ABOVE PERMANENT DATUM: 5.0

DEPTH--DRILLER: 3234.0
DEPTH--LOGGER: 3234.0
BOTTOM LOG INTERVAL: 3231.0
TOP LOG INTERVAL: 5.0

CASING DEPTH--DRILLER: 331.0
CASING DEPTH--LOGGER: 331.0
CASING DIAMETER: 8.625
BIT SIZE: 7.875

UNIT NO.: 64
LOCATION: HAYS, KS
RECORDED BY: RANDY NITZ
WITNESSED BY: JIM BARVAIS

ELEVATIONS:
KB: 1817.0
DF: .0
GL: 812.0

SERVICE#
GR10
DENS
ENPG

RECEIVED
STATE COMMISSION#

JUL 27 1990

CONSULTANTS
Wichita, Kansas

SOFTWARE VERSION:
401