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SIDE ONE

RELEASED

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

API NO. 15- 195-22,059

County Trego

SE SW SE Sec. 14 Twp. 12S Rge. 21 X East West

330 Ft. North from Southeast Corner of Section

1650 Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)

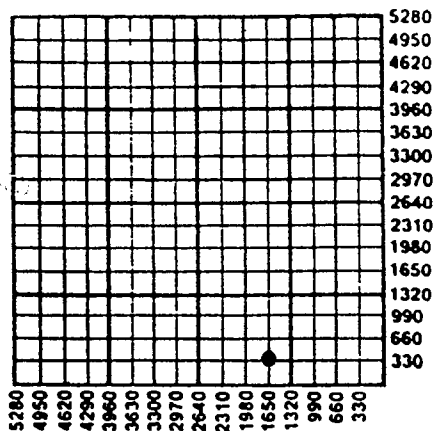
Lease Name Baugher "B" Well # 3

Field Name Cotton East

Producing Formation Arbuckle & Marmaton

Elevation: Ground 2320 KB 2329

Total Depth 4103 PBTD 4062



Amount of Surface Pipe Set and Cemented at 272 Feet

Multiple Stage Cementing Collar Used? X Yes No

If yes, show depth set 1720 Feet

If Alternate II completion, cement circulated from 1720

feet depth to surface w/ 500 sx cmt.

Operator: License # 5364 FROM CONFIDENTIAL

Name: Beren Corporation

Address 970 Fourth Financial Ctr

City/State/Zip Wichita, Kansas 67202

Purchaser: Central Crude Corporation

Operator Contact Person: David Munro

Phone (316) 265-3311

Contractor: Name: Murfin Drilling Company

License: 6033

Wellsite Geologist: Jim Hall

Designate Type of Completion

X New Well Re-Entry Workover

X Oil SWD Temp. Abd.

Gas Inj Delayed Comp.

Dry Other (Core, Water Supply, etc.)

WMO: old well info as follows:

Operator:

Well Name:

Comp. Date Old Total Depth

Drilling Method:

X Mud Rotary Air Rotary Cable

9/26/90 10/04/90 10/24/90

Spud Date Date Reached TD Completion Date

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 Mid-Continent Operations Manager Date 1/16/91

Subscribed and sworn to before me this 16th day of January

91.

Notary Public [Signature]

Date Commission Expires 10/31/94

JOHANNA S. DOBLER
Notary Public - State of Kansas
My Appt. Expires 10/31/94

K.C.C. OFFICE USE ONLY

F Letter of Confidentiality Attached
C Wireline Log Received
C Drillers Timelog Received

Distribution

X KCC SWD/Rep NGPA
X KGS Plug X Other (Specify)

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SIDE TWO

Operator Name Beren Corporation Lease Name Baughner "B" Well # 3
 Sec. 14 Twp. 12S Rge. 21 ☐ East ☒ West
 County Trego

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.)

see attached

Formation Description

☐ Log ☒ Sample

Name	Top	Bottom
Topeka	3362	
Lansing C	3653	
Lansing F	3706	
Base KC	3870	
Marmaton	3926	
Arbuckle	4004	

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	.124"	8-5/8"	20#	272'	60/40 poz	160	2% gel, 3% CC
Production	7-7/8"	4-1/2"	10.5#	4102'	Surfill	200	
DV tool	7-7/8"	4-1/2"	10.5#	1720'	Lite	450	6% gel
					Common	50	

PERFORATION RECORD

Shots Per Foot Specify Footage of Each Interval Perforated

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

2	4010-16'	500 gal 15% NEHCL	4010-16'
2	4020-26'		
3	3939-44'		

TUBING RECORD

Size Set At
2-7/8" 4057Packer At
NALiner Run ☐ Yes ☒ No

Date of First Production Producing Method ☐ Flowing ☒ Pumping ☐ Gas Lift ☐ Other (Explain)

Estimated Production Per 24 Hours Oil 8 Bbls. Gas ---- Mcf Water 220 Bbls. Gas-Oil Ratio ---- Gravity 35° API

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) _____

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BAUGHER B #3 DST

DST #1 Topeka 3320-3400'. 15(30)30(30)
Blow: very weak/12" (initial), very weak/1" (final)
Rec: 10' mud
FP 10-10/10-10
SIP 1090/1047

RELEASED

DST #2 LKC "C" 3640-3670'. 15(45)60(90)
Blow: Weak 2" (initial & final)
Rec: 515' SW (30000 PPM Cl₂)
FP 11-77/111-255
SIP 893/893

2 2 1995

FROM CONFIDENTIAL

DST #3 Marmaton 3932-3952'. 15(30)45(60)
Blow: Good - OBB/15" (initial)
Good - OBB/20" (final)
Rec: 350' GIP, 450' CO, 150' SMO, 30' MW (Water would not break out of fluid, no Cl₂ measurement possible. Appears to be filtrate water).
FP 44-111/144-255
SIP 1002/860

DST #4 Arbuckle 3952-4014'. 15(45)60(90)
Blow: Very weak, build to 2" in 5 min. (initial)
Very weak (1/4") throughout.
Rec: 50' CO (34° grav corr @ 70°), 80' MCO (50% oil, 50% mud).
FP 44-55/66-88
SIP 1013/991

DST #5 Arbuckle 4014-39'. 15(45)60(90)
Blow: Weak, build to 3" (initial)
Weak, build to 4" (final)
Rec: 150' CO (34° Grav, corr @ 70°), 90' MO (52% oil, 48% mud), 60' OCM (85% mud, 15% oil).
FP 55-65/100-133
SIP 1112/1068

NOTE: DST #5 was second test in Arbuckle & covered 10'-35' Arbuckle penetration.

DST #6 Arbuckle 4030-80'. 15(30)(30)(60)
Blow: OBB/1" (Initial)
OBB/2" (final)
Rec: 60' WM (90% mud, 10% water), 1030' MW (66% water, 34% mud),
1280' MW (90% water, 10% mud), 120' SW (Cl₂ 18500 PPM, Rw 0.26 @ 97° F).
FP 277-772/838-1156
SIP 1266/1244

1995 17 1995