FORM MUST BE TYPED

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 # 4243

Name: Cross Bar Petroleum, Inc.

Address Centre City Plaza

151 N. Main, Suite 630

City/State/Zip Wichita, KS 67202-1407

Purchaser: N/A

Operator Contact Person: C. K. Morrison

Phone (316) 265-2279

Contractor: Name: Murfin Drilling Co., Inc. #21

License: 3060

Wellsite Geologist: Richard S. (Steve) Davis
Thomas E. (Tom) Blair

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

____ Oil X SWD ____ SIOW ____ Temp. Abd.
____ Gas ____ ENHR ____ SIGW
____ Dry ____ Other (Core, WSW, Expl., Cathodic, etc)

If Workover:

Operator:

Well Name:

Comp. Date ____ Old Total Depth ____

____ Deepening ____ Re-perf. ____ Conv. to Inj/SWD
____ Plug Back ____ PBTD
____ Commingled Docket No. ____
____ Dual Completion Docket No. ____
____ Other (SWD or Inj?) Docket No. ____

3/5/95 (Spud Date) 3/16/95 (Date Reached TD) 4/12/95 (Completion Date)

API NO. 15- 097-21,387

County Kiowa

W/2 - SE - NE - Sec. 26 Twp. 29S Rge. 18 X E W

2010 Feet from S/(N) (circle one) Line of Section

940 Feet from (E)/W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(NE) SE, NW or SW (circle one)

Lease Name Peters Well # 1-26

Field Name Unnamed

Producing Formation N/A, SWD

Elevation: Ground 2092' KB 2101'

Total Depth 5522' PBTD N/A

Amount of Surface Pipe Set and Cemented at 532.11' @534'KB Feet

Multiple Stage Cementing Collar Used? X Yes ____ No

If yes, show depth set 1054 Feet

If Alternate II completion, cement circulated from 1054'

feet depth to surface w/ 175 sx cmt.

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)

Chloride content 34,000 ppm Fluid volume apx 500 bbls

Dewatering method used Haul off free fluids; allow to evaporate until dry; then backfi when conditions allow

Location of fluid disposal if hauled offsite:
(Note: Copies of CDP-5 attached)

Operator Name Peter H. Beren/ Oil Producers, Inc. of KS

Lease Name V.H.Koehn/Watson #2 License No. 3051/8061

SW/4 SW/4 Quarter Sec. 28 Sec. 8 Twp. 29 T29S S Rng. 18 R15W E/W

County Kiowa Docket No. 5617

Pratt County, Docket No. CD 24,324

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 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 geologist well report 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.

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

Title C.K. Morrison, Operations Mgr. Date 4-17-95

Subscribed and sworn to before me this 17th day of April, 19 95.

Notary Public JoAnn Thaden

Date Commission Expires 4-17-97

JO ANN THADEN
NOTARY PUBLIC
STATE OF KANSAS
My Appt. Exp. 4-17-97

K.C.C. OFFICE USE ONLY
F ____ Letter of Confidentiality Attached
C ____ Wireline Log Received
C ____ Geologist Report Received

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

Form ACO-1 (7-91)

SIDE TWO

Operator Name Cross Bar Petroleum, Inc. Lease Name Peters Well # 1-26

Sec. 26 Twp. 29S Rge. 18 ☐ East ☒ West County Kiowa

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

List All E.Logs Run: Gamma Ray Neutron

☐ Log* Formation (Top), Depth and Datums ☒ Sample

*SEE SUPPLEMENT

Name	Top	Datum
Anhydrite (Stone Corral)	1024	+1077
Krider	2382	- 281
Cottonwood	2923	- 822
Wabaunsee	3216	-1115
Stotler	3350	-1249
Emporia	3434	-1333

*See ACO-1 Supplement Page 2 **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

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose: ___ Perforate ___ Protect Casing ___ Plug Back TD ___ Plug Off Zone	Depth Top	Depth Bottom	Type of Cement	#Sacks Used	Type and Percent Additives

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth

TUBING RECORD	Size	Set At	Packer At	Liner Run ☐ Yes ☐ No

Date of First, Resumed Production, SWD or Inj.	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 ☐ Perf. ☐ Dually Comp. ☐ Commingled _____

☐ Other (Specify) _____ _____

ACO-1 Supplement
API #15,097-21,387

Cross Bar Petroleum - 1-26 Peters
W/2 SE/4 NE/4 Section 26-T29S-R18W
Kiowa Co., KS

Formation	Log Tops	Datum
Heebner	4022	-1921
Brown LS	4200	-2099
Lansing "A" Porosity	4218	-2117
Lansing "B" Porosity	4241	-2140
Lansing "C" Porosity	4277	-2176
Drum	4389	-2288
Stark	4475	-2374
Swope Porosity	4479	-2378
Hushpuckney	4520	-2419
Hertha	4542	-2441
Base/ Kansas City	4618	-2517
Marmaton	4631	-2530
Altamont Porosity	4698	-2597
Pawnee Porosity	4717	-2616
Cherokee Shale	4758	-2657
Mississippian Unconformity	4821	-2720
Mississippian Porosity	4850	-2749
Viola	5043	-2942
Simpson Shale	5218	-3117
Arbuckle	5347	-3246

DST #1, 3355' - 3382', **STOTLER**, 45-60-45-60, 1st op - GTS 28", GA 25.1M/ 30", 26.8M/ 40", 28M/ 45". 2nd op - GA 59.5 M/ 5", 45.2M/ 10", 38.6M/ 20", 39.6M/ 30", 40.7M/ 40".
Recovered: 35' GM, IHP 1621#, IFP 17-21#, ISIP 1194#, FFP 20-23#, FSIP 1183#, FHP 1602#, BHT 91°F.

DST #2, 3405' - 3439', **EMPORIA**, 1st op - GTS 45", No GA, 2nd op - Immediately, GA 12.8M/ 5", 11.9M/ 10", 7.7M/ 20", 5.3M/ 30", 4.8M/ 40". Recovered: 140' GM, 120' GMW-Chl 50000 ppm, System Chl 7000 ppm. IHP 1628#, IFP 37-81#, ISIP 1020#, FFP 83-120#, FSIP 1002#, FHP 1573#, BHT 97°F. Mud: Wt 9.2,

DST #3, 4660' - 4706', **ALTAMONT**, 30-30-15-out. 1st op - wk surface blow, died in 25', 2nd op - no blow. Recovered 5' M. IHP 2212#, IFP 28-28#, ISIP 34#, FFP 30-30#, FSIP N/A, FHP 2195#, BHT 122°F.

DST #4, 4736' - 4860'. **CHEROKEE/MISSISSIPPIAN**. 30-30-30-30-, Recovered 75' DM, IHP 2349#, IFP 85-94#, ISIP 281#, FFP 94-96#, FSIP 189#, FHP 2233#, BHT 106°F.

Casing Record:

Surface -

12-1/4" hole; 532.11/ of new 8-5/8" 25# csg set at 534' KB. Cemented w/ 60/40 Pozmix, 305 sks, 2% Gel 3% $CaCl_2$ & 1/4#/ sk Flo-Seal.

Production/Disposal -

7-7/8" hole; 5285.38' of used 5-1/2" 14# csg set at 5300' KB. Cemented w/ 65/35 Pozmix, 75 sks, 6% Gel; 1/4#/sk Flo-Seal and Class A-ASC (Surefill), 100 sks, 5#/ sk Kol-Seal.

Disposal/Liner -

5-1/2" & 7-7/8" hole; 160.07' of used 4-1/2" 10.5# csg set from 5201' to 5361' KB. Cemented w/ Class A-Common, 50 sks, no additives.

Additional Cementing Record:

Port Collar -

5-1/2"; @ 1054' - cemented from 1054' to Surface. Cemented w/ 63/35 Pozmix, 125 sks, 2% $CaCl_2$ & 1/4#/sk Flo-Seal and Class A-Common, 50 sks, 2% $CaCl_2$ & 1/4#/sx Flo-Seal.

Acid Treatment -

Open Hole 5361' to 5522'. (Arbuckle Dolomite) Acidized w/ 2000 gal 28% DS HCl acid w/ 4 gpt A-2 inhibitor.

Tubing Record -

Reconditioned 2-7/8" 6.5# EUE 8rd R-2 Type 1 Seal Tite PVC lined tubing w/ seals set at 5170' w/ packer @ 5170' KB. Note: 5 jts (149') new 2-3/8" Koch K1200 FC Integral jt tbg used as tail pipe @ 5321'. Liner was run (refer to Casing Record).

Date of First Injection: April 19, 1995

Method of Completion: SWD Injection Well. Open Hole 5361' - 5522' Arbuckle Dolomite