

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 220 W. DOUGLAS, SUITE 140

RELEASED

City/State/Zip WICHITA, KANSAS 67202

Purchaser: _____

APR 7 1994

Operator Contact Person: BRUCE DEAVER

Phone (316) 265-2279

FROM CONFIDENTIAL

Contractor: Name: EAGLE DRILLING

License: 5380

MAR 4

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Wellsite Geologist: ALBERT BRENSING

Designate Type of Completion

New Well Re-Entry Workover

Oil 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 PBDT
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____

11-20-92 11-28-92 12-09-92
Spud Date Date Reached TD Completion Date

API NO. 15- 097-21,341

County KIOWA

NE - NW - SE - _____ Sec. 3 Twp. 28 Rge. 20 X W

2310 Feet from S/N (circle one) Line of Section

1650 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 LIGGETT Well # 3-1

Field Name WILDCAT

Producing Formation MISSISSIPPIAN

Elevation: Ground 2286 KB 2299

Total Depth 5300' PBDT 5246

Amount of Surface Pipe Set and Cemented at 467 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan see 1 1-8-93
(Data must be collected from the Reserve Pit)

Chloride content 13,800 ppm Fluid volume 3500 bbls

Dewatering method used DRY AND THAN COVER

Location of fluid disposal if hauled offsite: _____

Operator Name _____

Lease Name _____ License No. _____

Quarter _____ Sec. _____ Twp. _____ S Rng. _____ E/W

County _____ Docket No. _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, 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 Bruce Deaver

Title OPERATIONS MANAGER Date 03-03-93

Subscribed and sworn to before me this 3rd day of March 19 93.

Notary Public Treva Brensing

Date Commission Expires 11-21-93

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received
Distribution: SWD/Rep Other
 Plug
STATE CORPORATION COMMISSION
RECEIVED
APR 8 1993

TREVA BRENSING
Notary Public - State of Kansas
My Appt. Expires 11-21-93

MAR 05 1993
CONSERVATION DIVISION
WICHITA, KS

Form ACO-1 (7-91) Wichita, Kansas

3-5-93

- pl

SIDE TWO

Operator Name CROSS BAR PETROLEUM, INC. Lease Name LIGGETT Well # 3-1

Sec. 3 Twp. 28 Rge. 20 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 Yes No
(Attach Additional Sheets.)

Samples Sent to Geological Survey Yes No

Cores Taken Yes No

Electric Log Run Yes No
(Submit Copy.)

List All E.Logs Run:

Formation (Top), Depth and Datums		<input checked="" type="checkbox"/> Sample
Name	Top	Datum
HEBB	4112	-1813
LANS	4272	-1973
STARK	4548	-2249
CHER	4814	-2512
MISS	4885	-2586
VIOLA	5225	2926
RTD	5300	3001

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WICHITA, KS

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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"	25#	467'	STD/POZ	235/35	2% GEL
PRODUCTION	7 7/8"	5 1/2"	14#	5299'	50/50 POZ	200	2% GEL

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

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
4 SPF	5093' - 5097'		
4 SPF	4912' - 4915' CIBP @ 5050'	2300 GAL 15% DSFE	4912' - 4915'
4 SPF	4893' - 4903' CIBP @ 4909'	1250 GAL 15% DSFE	4893' - 4903'

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of First, Resumed Production, SWD or Inj.	Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)
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Estimated Production Per 24 Hours	Oil 2 Bbls.	Gas 0 Mcf	Water 25 Bbls.	Gas-Oil Ratio NA	Gravity 38
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Disposition of Gas: **METHOD OF COMPLETION** Production Interval

Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled 4893' - 4903'

(If vented, submit ACO-18.) Other (Specify) _____

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APR 7 1994

FROM CONFIDENTIAL

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CROSS BAR PETROLEUM, INC.
LIGGETT LEASE WELL NO. 3-1
SEC 3-28S-20W KIOWA COUNTY, KANSAS
AP NO. 15-097-21,341

DST {1} 4832-4907/30-30-60-60, REC GIP, 60' SOCM, 90' OCM,
ISIP 804, FSIP 1281, IFP 107-107, FFP 127-127.
PRESSURES REACHED STATIC LEVELS.

DST {2} 4904-4920/30-6-,30-60, REC GIP, 5' FREE OIL, 60'
OCM, 30' MFW, ISIP 1408, FSIP 1387, IFP 107-107,
FFP 107-107. PRESSURES REACHED STATIC LEVELS.

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MAR 05 1993
CONSERVATION DIVISION
WICHITA, KS



HEMII 10:
P.O. BOX 951045
DALLAS, TX 75395-1046

VOICE

HALLIBURTON SERVICES

A Halliburton Company

INVOICE NO.	DATE
295263	11/29/1992

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER	
LIGGETT 3-1		KIOWA		KS	SAME	
SERVICE LOCATION		CONTRACTOR	JOB PURPOSE		TICKET DATE	
PRATT		EAGLE DRLG CO	CEMENT PRODUCTION CASING		11/29/1992	
ACCT. NO.	CUSTOMER AGENT	RELEASED		CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
202259	ROBERT MOOREHEAD	APR 7 1994			COMPANY TRUCK	43267

CROSS BAR PETROLEUM INC
220 W DOUGLAS SUITE 140
WICHITA, KS 67202

FROM CONFIDENTIAL
MAR 4
CONFIDENTIAL
DIRECT CORRESPONDENCE TO:
FIRST OKLAHOMA TOWER
210 WEST PARK AVENUE
SUITE 2050
OKLAHOMA CITY, OK 73102-5601

PRICE REF. NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
PRICING AREA - EASTERN AREA 1					
000-117	MILEAGE	50	MI	2.60	130.00
		1	UNT		
001-016	CEMENTING CASING	5303	FT	1,440.00	1,440.00
		1	UNT		
030-016	CEMENTING PLUG SW ALUM TOP	5.5	IN	50.00	50.00
		1	EA		
018-317	SUPER FLUSH	12	SK	98.00	1,176.00
12A	GUIDE SHOE - 5 1/2" BRD THD.	1	EA	121.00	121.00
825.205					
24A	INSERT FLOAT VALVE - 5 1/2" BRD	1	EA	83.00	83.00
815.1925					
27	FILL-UP UNIT 5 1/2"-6 5/8"	1	EA	30.00	30.00
815.1931					
40	CENTRALIZER 5-1/2" X 7	10	EA	44.00	440.00
807.9302					
320	CEMENT BASKET 5 1/2"		EA	90.00	90.00
800.8883					
509-968	SALT	400	LB	.10	40.00
218-738	CLAYFIX II	2	GAL	20.00	40.00
504-308	STANDARD CEMENT	100	SK	6.56	656.00
506-105	POZMIX A	400	LB	.052	384.80
506-121	HALLIBURTON-GEL 2%	3	LB	.00	N/C
508-291	GILSONITE BULK	2000	LB	.35	700.00
509-968	SALT	1000	LB	.10	100.00
507-775	HALAD-322	103	LB	6.30	648.90
500-207	BULK SERVICE CHARGE	255	CFT	1.15	293.25
500-306	MILEAGE CMTG MAT DEL OR RETURN	506.175	TMI	.80	404.94
INVOICE SUBTOTAL					6,827.89
***** CONTINUED ON NEXT PAGE *****					

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MAR 05 1993
CONSERVATION DIVISION
WICHITA, KS

TERMS INVOICES PAYABLE NET BY THE 20TH OF THE FOLLOWING MONTH AFTER DATE OF INVOICE. UPON CUSTOMER'S DEFAULT IN PAYMENT OF CUSTOMER'S ACCOUNT BY THE LAST DAY OF THE MONTH FOLLOWING THE MONTH IN WHICH THE INVOICE IS DATED, CUSTOMER AGREES TO PAY INTEREST THEREON AFTER DEFAULT AT THE HIGHEST LAWFUL CONTRACT RATE APPLICABLE BUT NEVER TO EXCEED 18% PER ANNUM. IN THE EVENT IT BECOMES NECESSARY TO EMPLOY AN ATTORNEY TO ENFORCE COLLECTION OF SAID ACCOUNT, CUSTOMER AGREES TO PAY ALL COLLECTION COSTS AND ATTORNEY FEES IN THE AMOUNT OF 20% OF THE AMOUNT OF THE UNPAID ACCOUNT.



INVOICE

HALLIBURTON SERVICES

DUPLICATE

A Halliburton Company

INVOICE NO.	DATE
295326	11/20/1992

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER
LIGGETT 3-1		KIOWA		KS	SAME
SERVICE LOCATION		CONTRACTOR	JOB PURPOSE		TICKET DATE
PRATT		EAGLE DRILLING	CEMENT SURFACE CASING		11/20/1992
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
202259	K O STEINERT			COMPANY TRUCK	42986

MAR 4

DIRECT CORRESPONDENCE TO:

CROSS BAR PETROLEUM INC.
220 W. DOUGLAS, SUITE 140
WICHITA, KS 67202

CONFIDENTIAL

FIRST OKLAHOMA TOWER
210 WEST PARK AVENUE
SUITE 2030
OKLAHOMA CITY, OK 73102-5601

PRICE REF. NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
PRICING AREA	- EASTERN AREA1				
000-117	MILEAGE	50	MI	2.60	130.00
		1	UNT		
001-016	CEMENTING CASING	467	FT	515.00	515.00
		1	UNT		
030-503	CMTG PLUG LA-11, CP-1, CP-3, TOP	8 5/8	IN	90.00	90.00
		1	EA		
597	BAFFLE PLATE - 8 5/8" ALUM	1	EA	45.00	45.00 *
825.1269					
320	CEMENT BASKET 8 5/8"	1	EA	122.00	122.00 *
800.8888					
504-316	HALLIBURTON LIGHT W/STANDARD	175	SK	6.12	1,071.00 *
509-406	ANHYDROUS CALCIUM CHLORIDE	5	SK	25.50	132.50 *
504-308	STANDARD CEMENT	60	SK	6.56	393.60 *
506-105	POZMIX A	2590	LB	.052	134.66 *
506-121	HALLIBURTON-GEL 2%	2	LB	.00	N/C *
509-406	ANHYDROUS CALCIUM CHLORIDE	3	SK	26.50	79.50 *
500-207	BULK SERVICE CHARGE	291	CFT	1.15	334.65 *
500-306	MILEAGE CMTG MAT DEL OR RETURN	638.90	TMI	.80	511.12 *
	LINE ITEM SUBTOTAL				3,559.05
	INVOICE SUBTOTAL				3,559.05
	DISCOUNT-(BID)				809.05-
	INVOICE BID AMOUNT				2,750.00
	*-KANSAS STATE SALES TAX				99.94
	*-PRATT COUNTY SALES TAX				20.41
	INVOICE TOTAL - PLEASE PAY THIS AMOUNT				\$2,870.35

RELEASED

APR 7 1994

FROM CONFIDENTIAL

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