

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 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: L. D. Drilling

License: 6039

Wellsite Geologist: Thomas E. (Tom) Blair

Designate Type of Completion

New Well Re-Entry Workover

Oil SWD S1OW 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 PBTB
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____

2/6/95 2/14/95 2/14/95
Spud Date Date Reached TD Completion Date

API NO. 15- 007-22,468-00 ORIGINAL

County Barber

 - - NW - SW Sec. 13 Twp. 32S Rge. 13 X W

2030 Feet from S (circle one) Line of Section
610 Feet from W (circle one) Line of Section

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

Lease Name Lonker-Harrell Well # 1-13

Field Name Wildcat

Producing Formation None

Elevation: Ground 1613 KB 1618

Total Depth RTD/LTD 4500' PBTB

Amount of Surface Pipe Set and Cemented at 3356' @ 363 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set N/A Feet

If Alternate II completion, cement circulated from N/A

feet depth to w/ sx cnt.

Drilling Fluid Management Plan D&A JW 6-17-96
(Data must be collected from the Reserve Pit)

Chloride content 66,000 ppm Fluid volume 400 bbls

Dewatering method used Hauled off free fluids. Allow to dry; then backfill.

Location of fluid disposal if hauled offsite: Hauled to multiple sites by Clarke Corp. - copies of CDP-5 attached.

Operator Name Molz Oil Co! & (Oil Producers Inc. of KS)

(Watson #2) (8061)

Lease Name Molz #3 & E. McGuire License No. 6006

NW/NW (SW 8-29S-15W)

Quarter Sec. 6/29 Twp. 35/32 S Rng. 11/10 W

County Barber/Barber Docket No. CD9771/CD11,804

(Pratt) (CD24,324)

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 [Signature]

Title C. K. Morrison, Operations Mgr. Date 3/10/95

Subscribed and sworn to before me this 10th day of March, 1995.

Notary Public JoAnn Thaden RECEIVED STATE CORPORATION COMMISSION

Date Commission Expires 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)

MAR 13 1995

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

CONSERVATION DIVISION
WICHITA, KANSAS

Operator Name CrossBar Petroleum, Inc. Lease Name Lonker-Harrell Well # 1-13
 NW SW East West
 Sec. 13 Twp. 32S Rge. 13 County Barber

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 <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Attach Additional Sheets.) Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Submit Copy.) List All E.Logs Run: Dual Induction, Dual Compensated-Porosity	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datums <input type="checkbox"/> Sample Name Top Datum *See Attached Supplement
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CASING RECORD <input checked="" 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	12-1/4"	8-5/8"	24#	363'	60#40Pozmix	230	2% Gel 3% CaCl ₂ 1#/sk Flo Seal

ADDITIONAL CEMENTING/SQUEEZE RECORD N/A

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

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

TUBING RECORD		Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj.			Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> 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 Perf. Dually Comp. Commingled
 (If vented, submit ACO-18.) Other (Specify) Dry & Abandoned

Cross Bar Petroleum, Inc. # 1-13 Lonker Harrell
API #15-007-22,468

NW SW Section 13-T32S-R13W
(2030' FSL, 610' FWL), Barber County, Kansas

FORMATION	LOG TOPS	DATUM
Heebner	3685'	-2067
Toronto	3704'	-2086
Douglas SH	3728'	-2110
Douglas SD	3817'	-2199
Lansing	3870'	-2252
Drum	4150'	-2532
Stark	4228'	-2610
Swope	4232'	-2614
Hush	4255'	-2637
Hertha	4276'	-2658
BKC	4327'	-2709
Marmaton	4352'	-2734
Penn Mkr	4380'	-2762
Penn Conglomerate	4404'	-2786
Mississippian	4449'	-2831
Rotary Tool Depth	4500'	-2882
Logger's Total Depth	4500'	-2882

DST #1, 4400'-4447', (Pennsylvania Conglomerate), 60-60-75-90, 1st op - wk blow increased to 4-1/2"; 2nd op - wk blow 1/2" throughout. Rec.75' GIP, 45' SGCM (2% G, 98% M). IHP 2205#, IFP 32-30#, ISIP 32#, FFP 32-32#, FSIP 55#, FHP 2170#, BHT 113°F.

RECEIVED
STATE CORPORATION COMMISSION

MAR 13 1995

CONSERVATION DIVISION
WICHITA, KANSAS



CEMENTING LOG

STAGE NO.

ORIGINAL

Date 2/14/95 District Mid Lodge Ticket No. 1226
 Company Cross Bay Petroleum Rig LD Drilling
 Lease Lawler - Harrell Well No. 1-13
 County Barber State KS
 Location 13-325-13W Field _____

CASING DATA: PTA Squeeze
 Surface Intermediate Production Liner
 Size 8 1/4 Type _____ Weight 24* Collar _____

Casing Depths: Top 0 Bottom 3611

Drill Pipe: Size 4 1/2 Weight 16.6lb Collars _____
 Open Hole: Size 7 1/8 T.D. 4500 ft. P.B. to _____ ft.

CAPACITY FACTORS:
 Casing: Bbbls/Lin. ft. .0637 Lin. ft./Bbl. 15,7015
 Open Holes: Bbbls/Lin. ft. .0602 Lin. ft./Bbl. 16,5993
 Drill Pipe: Bbbls/Lin. ft. .0142 Lin. ft./Bbl. 70,3235
 Annulus: Bbbls/Lin. ft. .0406 Lin. ft./Bbl. 24,6474
 Bbbls/Lin. ft. .0440 Lin. ft./Bbl. 22,7187
 Perforations: From _____ ft. to _____ ft. Amt. _____

CEMENT DATA:

Spacer Type: _____
 Amt. _____ Skys Yield _____ ft³/sk Density _____ PPG

LEAD: Pump Time _____ hrs. Type 60:40.6706e1
 Excess _____
 Amt. 125 Skys Yield 1.58 ft³/sk Density 13.8 PPG

TAIL: Pump Time _____ hrs. Type _____
 Excess _____
 Amt. _____ Skys Yield _____ ft³/sk Density _____ PPG

WATER: Lead 7.8 gals/sk Tail _____ gals/sk Total 23.2 Bbbls

Pump Trucks Used 266 Justin Hart
 Bulk Equip. 242 John Kelly

Float Equip: Manufacturer _____
 Shoe: Type _____ Depth _____
 Float: Type _____ Depth _____
 Centralizers: Quantity _____ Plugs Top _____ Btm. _____
 Stage Collars _____
 Special Equip. _____
 Disp. Fluid Type _____ Amt. _____ Bbbls. Weight _____ PPG
 Mud Type _____ Weight _____ PPG

COMPANY REPRESENTATIVE Greg Davidson

CEMENTER Max Ball

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS	
	AM/PM	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period		RATE Bbbls Min.
7:00						ON LOC RIGUP	
8:45		175			17	5	Pump H ₂ O Ahead
8:49		150			14	5	Mix CMT 50sks 60'4.6' D.P.C 6W
8:50		50			5172	9	Start Displacement
8:52							CHT on spot SHUT DOWN Pull D.P.
9:07		125			8	9	Pump H ₂ O Ahead
9:09		150			14	5	Mix CMT 50sks 60'4.6' D.P.C 390'
9:12		50			2.08	5	Start Displacement
9:13							CHT on spot SHUT DOWN Pull D.P.
9:55		50			2.5	3	Push Plug To 40' Fill with 15sks CMT
11:00							Plug Rat Hole with 15sks

RECEIVED
 STATE CORPORATION COMMISSION
 MAR 13 1995
 CONSERVATION DIVISION
 WICHITA, KANSAS

ALLIED CEMENTING CO., INC.

1226

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:

Medicine Lodge

ORIGINAL

DATE <u>2/14/95</u>	SEC <u>13</u>	TWP <u>32s</u>	RANGE <u>13w</u>	CALLED OUT <u>5:30 PM</u>	ON LOCATION <u>7:00 PM</u>	JOB START <u>8:30 PM</u>	JOB FINISH <u>12:00 PM</u>
OWNER <u>Wmker</u>	LEASE <u>Harell</u>	WELL # <u>1-13</u>	LOCATION <u>Medicine Lodge</u>	<u>5 1/2 W 7 1/2 N 1/2 E S</u>		COUNTY <u>Barber</u>	STATE <u>KS</u>

OLD OR NEW (Circle one)

CONTRACTOR <u>L D Drilling</u>	OWNER <u>Same</u>	CEMENT
TYPE OF JOB <u>Rotary Plug</u>		
HOLE SIZE <u>7 1/4</u>	T.D. <u>4500</u>	
CASING SIZE <u>8 3/4 24"</u>	DEPTH <u>364</u>	AMOUNT ORDERED
TUBING SIZE	DEPTH	<u>125 sks 60/40 16 Tagel</u>
DRILL PIPE <u>4 1/2 16.60"</u>	DEPTH <u>660</u>	
TOOL	DEPTH	
PRES. MAX <u>150</u>	MINIMUM <u>50</u>	COMMON <u>7S</u> @ <u>6.10</u> <u>459.50</u>
MEAS. LINE	SHOE JOINT	POZMIX <u>50</u> @ <u>3.15</u> <u>157.50</u>
CEMENT LEFT IN CSG.		GEL <u>17</u> @ <u>9.50</u> <u>66.50</u>
PERFS.		CHLORIDE @

EQUIPMENT

PUMP TRUCK # <u>266</u>	CEMENTER <u>Max Ball</u>	HELPER <u>Justin Hart</u>	HANDLING <u>12S</u> @ <u>1.05</u> <u>131.25</u>
BULK TRUCK # <u>242</u>	DRIVER <u>John Kelley</u>		MILEAGE <u>12S - MINIMUM</u> <u>80.00</u>
BULK TRUCK #	DRIVER		TOTAL <u>\$392.75</u>

REMARKS:

Plug thru Drill Pipe Spot Plugs
50 sks @ 660' 50 sks @ 390' 10 sks @
40' 15 sks in Nat Hole

SERVICE

DEPTH OF JOB <u>660</u>	
PUMP TRUCK CHARGE	<u>445.00</u>
EXTRA FOOTAGE @	
MILEAGE <u>5 mi</u> @ <u>2.35</u>	<u>11.75</u>
PLUG <u>9 3/4 Dry Hole Plug</u> @ <u>23.00</u>	<u>23.00</u>
TOTAL	<u>\$479.75</u>

CHARGE TO: Cross Bar Petroleum Inc.

STREET 151 N. MAIN Centre City Plaza Suite 630

CITY Wichita STATE Ko ZIP 67202

FLOAT EQUIPMENT

RECEIVED
STATE CORPORATION COMMISSION
MAR 13 1995

CONSERVATION DIVISION
WICHITA, KANSAS

TAX	<u>- 0 -</u>
TOTAL CHARGE	<u>\$ 1372.50</u>
DISCOUNT	<u>\$ 274.50</u>
	IF PAID IN 30 DAYS

To Allied Cementing Co., Inc.

You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

SIGNATURE

[Signature]

Date 2/7/95 District Med. Lodge Ticket No. 0948
 Company Cross Bar Petroleum Rig LD Drilling
 Lease Larker-Hartell Well No. 1-13
 County Barber State Ks
 Location 13-325-13W Field E-15
1601281 Jct 5 1/2 W 35 5W 35

CASING DATA: PTA Squeeze
 Surface Intermediate Production Liner
 Size 8 7/8 Type _____ Weight 23 # Collar _____

Casing Depths: Top 0 Bottom 364

Drill Pipe: Size _____ Weight _____ Collars _____
 Open Hole: Size 12 1/4 T.D. 365 ft. P.B. to _____ ft.

CAPACITY FACTORS:
 Casing: Bbls/Lin. ft. .0637 Lin. ft./Bbl. 15.7015
 Open Holes: Bbls/Lin. ft. .1458 Lin. ft./Bbl. 6.8599
 Drill Pipe: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Annulus: Bbls/Lin. ft. .0735 Lin. ft./Bbl. 13.6037
 Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Perforations: From _____ ft. to _____ ft. Amt. _____

COMPANY REPRESENTATIVE Greg Davidson

CEMENT DATA:
 Spacer Type: Fresh H₂O
 Amt. _____ Sks Yield _____ ft³/sk Density _____ PPG _____

LEAD: Pump Time _____ hrs. Type 60:40' 29.9d
3% cacl² 1/4 Flo-seal
 Amt. 230 Sks Yield 1.26 ft³/sk Density 1415 PPG
 TAIL: Pump Time _____ hrs. Type _____
 Excess _____

WATER: Lead 51.6 gals/sk Tail _____ gals/sk Total 30.66 Bbls.
 Pump Trucks Used 233-234 Justin Hall
 Bulk Equip. 242

Float Equip: Manufacturer Barber
 Shoe: Type Sawtooth SHoe Depth 364
 Float: Type RAFFLE Depth 324
 Centralizers: Quantity 1 Plugs Top Wood Btm. _____
 Stage Collars _____
 Special Equip. _____
 Disp. Fluid Type H₂O Amt. 20.6 Bbls. Weight _____ PPG
 Mud Type _____ Weight _____ PPG

CEMENTER Max Ball

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	AM/PM	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	
1:30						on Loc Rig up
6:15		150			1.25 4	Pump H ₂ O threaded
6:17		200			51.6 5	Mix Cmt 230 sks 60:40' 29.9d - 1.3% cacl ² 1/4 Flo-seal
6:29						Cmt Mixed SHUT DOWN Disc Plug
1:30		100			20.6 4	Start Displacement
1:36		150				Displacement Complete Plug Did not Land SHUT DOWN Circulated 21 BBL Cmt To Pit

FINAL DISP. PRESS: _____ PSI BUMP PLUG TO _____ PSI BLEEDBACK _____ BBLs. THANK YOU

To Allied Cementing Co., Inc.
 You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.
 SIGNATURE Greg Davidson

TAX _____
 TOTAL CHARGE _____
 DISCOUNT _____ IF PAID IN 30 DAYS

Taylor Printing, Inc., Pratt, KS

ALLIED CEMENTING CO., INC.

0948

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

ORIGINAL

SERVICE POINT: Medicine Lodge

DATE <u>2/7/95</u>	SEC. <u>13</u>	TWP. <u>32s</u>	RANGE <u>13W</u>	CALLED OUT <u>12:00 AM</u>	ON LOCATION <u>1:30 AM</u>	JOB START <u>5:30 AM</u>	JOB FINISH <u>6:45 AM</u>
LEASE <u>Lonker Harrell</u>	WELL# <u>1-13</u>		LOCATION <u>281 + 160 Jct 5 1/2 W 3 1/2 W 2 S E 6</u>		COUNTY <u>Barber</u>	STATE <u>Ks</u>	

OLD OR NEW (Circle one)

CONTRACTOR L D Drilling
 TYPE OF JOB Cmt 8 3/4 Surface Csg
 HOLE SIZE 12 1/4 T.D. 365
 CASING SIZE 8 3/4 23" DEPTH 364
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE _____ DEPTH _____
 TOOL _____ DEPTH _____
 PRES. MAX 250 MINIMUM 50
 MEAS. LINE _____ SHOE JOINT 40
 CEMENT LEFT IN CSG. 40
 PERFS. _____

OWNER Sam C CEMENT

AMOUNT ORDERED 230 sks 60/40 290 gal 390 cad 2 1/2 # Flo-seal

COMMON	<u>138</u>	@	<u>6.10</u>	<u>841.80</u>
POZMIX	<u>92</u>	@	<u>3.15</u>	<u>289.80</u>
GEL	<u>4</u>	@	<u>9.50</u>	<u>38.00</u>
CHLORIDE	<u>8</u>	@	<u>28.00</u>	<u>224.00</u>
FLO-SEAL	<u>SB#</u>	@	<u>1.15</u>	<u>66.70</u>

EQUIPMENT

PUMP TRUCK CEMENTER Max Ball
 # 234 HELPER Justin Hart
 BULK TRUCK
 # 242 DRIVER John Kelley
 BULK TRUCK
 # _____ DRIVER _____

HANDLING 230 @ 1.05 241.50
 MILEAGE 230 MINIMUM 80.00

TOTAL \$1781.80

REMARKS:

Cmt 8 3/4 Surface Csg with 230 sks
60/40 290 gal 390 cad 2 1/2 # Flo-seal Drop
Plug Displace 20.65 BBL 5 Hat Down
Close W Head Cement did Circulate

SERVICE

DEPTH OF JOB 364
 PUMP TRUCK CHARGE 0-300' 445.00
 EXTRA FOOTAGE 64' @ .41 26.24
 MILEAGE 5 mi @ 2.35 11.75
 PLUG 8 3/4 wooden Plug @ 45.00 45.00

TOTAL \$527.99

CHARGE TO: Cross Bar Petroleum Inc.
 STREET 151 N. Main Centre PLAZA
 SUITE 630
 CITY Wichita STATE Ks ZIP 67202

FLOAT EQUIPMENT

1-8 3/4 Saw Tooth Shoe	@	<u>240.00</u>	<u>240.00</u>
1-8 3/4 Baffle	@	<u>105.00</u>	<u>105.00</u>
1-8 3/4 Centralizer	@	<u>61.00</u>	<u>61.00</u>

TOTAL \$406.00

TAX -0-

TOTAL CHARGE \$2715.79

DISCOUNT \$543.16 IF PAID IN 30 DAYS

To Allied Cementing Co., Inc.
 You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

SIGNATURE Brea Davidson