

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

8

API NO. 15- 033-20934000

County Comanche County, Kansas

NE - NE - Sec. 29 Twp. 32S Rge. 18 XXV^E

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

580 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 Bunell Well # 1-29

Field Name Nescatunga

Producing Formation _____

Elevation: Ground 2120' KB 2133'

Total Depth 5850' PSTD 5900'

Amount of Surface Pipe Set and Cemented at 776' 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/ _____ sz cat.

Drilling Fluid Management Plan ART 1 DSA
(Data must be collected from the Reserve Pit) John V. V. V.

Chloride content 18,000 ppm Fluid volume 3,400 bbls

Dewatering method used _____

Location of fluid disposal if hauled offsite: **RELEASED**
SEP 16 1998 06-19-1997

Operator Name _____

Lease Name NCC FROM CONFIDENTIAL

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

County _____ Docket No. _____

Operator: License # 4243

Name: Cross Bar Petroleum, Inc.

Address 151 North Main - Suite 630

City/State/Zip Wichita, Kansas 67202-1407

Purchaser: _____

Operator Contact Person: Albert Brensing

Phone (316) 265-2279

Contractor: Name: Duke Drilling Co., Inc.

License: 5929

Wellsite Geologist: Steve Davis

Designate Type of Completion

New Well Re-Entry Workover

Oil SWD SIOV Temp. Abd.

Gas ENHR SIGW

Dry Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-Entry: old well info as follows:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Deepening Re-perf. Conv. to Inj/SWD

Plug Back PSTD

Commingled Docket No. _____

Dual Completion Docket No. _____

Other (SWD or Inj?) Docket No. _____

05-21-97 06-04-97 06-05-97

Spud Date Date Reached TD Completion Date

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 _____

Title President Date 6/18/97

Subscribed and sworn to before me this 18th day of June 19 97.

Notary Public Julie Thompson

Date Commission Expires Sept. 13, 2000

K.C.C. OFFICE USE ONLY		
F	<input checked="" type="checkbox"/>	Letter of Confidentiality Attached
C	<input checked="" type="checkbox"/>	Wireline Log Received
C	<input checked="" type="checkbox"/>	Geologist Report Received
Distribution		
<input checked="" type="checkbox"/>	KCC	<input type="checkbox"/> SWD/Rep
<input type="checkbox"/>	KGS	<input type="checkbox"/> Plug
<input type="checkbox"/>		<input type="checkbox"/> NGPA
<input type="checkbox"/>		<input type="checkbox"/> Other
(Specify)		

JULIE THOMPSON
Notary Public - State of Kansas
My Appt. Expires 9/13/00

Operator Name Cross Bar Petroleum, Inc.

Lease Name Bunnell

Well # 1-29

Sec. 29 Twp. 32S Rge. 18

East

County Comanche County, Kansas

West

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.)

Log Formation (Top), Depth and Datum Sample
Name Top Datum

CONFIDENTIAL

List All E.Logs Run: Geologist's Report,
Dual Induction Log, Dual Compensated
Porosity Log, Microresistivity Log

SEE EXHIBIT 'A' ATTACHED HERETO FOR FORMATION TOPS
PLEASE KEEP THIS INFORMATION 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
Conductor		20"		40'			
Surface	12-1/4"	8-5/8"	28#	776'	65/35&ClassA	275&100	3%cc 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		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
N/A				

Date of First, Resumed Production, SWD or Inj.	Producing Method
N/A	<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: Vented Sold Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION: Open Hole Perf. Dually Comp. Cemented Other (Specify) _____

Production Interval: _____

ORIGINAL

COMPOSITE DRILLING REPORT

-TIGHT HOLE-

Cross Bar Petroleum #1-29 Bunnell
575' FNL & 580' FEL Sec. 29-T32S-R18W

Comanche County, Kansas
KB: 2145' GL: 2132' API: 15-033-209340000

RELEASED

KCC

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Exhibit of ACO-1

SEP 16 1998

JUN 1 8

FROM CONFIDENTIAL CONFIDENTIAL

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1997 JUN 19 P 1:31

Results of DST #1, 5110-5145' (-2965-3000) Pawnee, 50-60-45-90, 1st open off bottom in 2½ mins. GTS in 36 mins, gauge through ¼" choke. 19 MCFG/40 mins, 22 MCFG/50 mins. 2nd open 29 MCFG/10 mins. 31 MCFG/20 mins, 34 MCF/30, 40 and 45 mins. Stable. Good rich smelling gas. Recovered 65' GCM (10% G, 90% M) IHP 2485, IFP 22-31, ISIP 1691, FFP 33-63, FSIP 1595, FHP 2446, BHT 116°F. Appeared as though there was some theiving occurring-possibly 2 zones in test

Results of DST #2, 5227-51 (-3082-3106) Mississippian Spergen 45-60-45-120, 1st open, GTS 10 mins, gauged through ¼" choke 16 MCFG/15 mins, 20 MCFG/25 mins, 17 MCFG/35 mins, 16 MCFG/45 mins. 2nd open 23 MCFG/5 mins, 17 MCFG/15 mins, 9 MCFG/25 mins, 7 MCFG/35 mins, 5 MCFG/45 mins. Recovered 25' watery mud (16% W, 84% M) Chl 7000 ppm. IHP 2512, IFP 42-28, ISIP 737, FFP 34-28, FSIP 710, FHP 2483, BHT 119°F.

Results of DST #3, 5258-75' (-3113-30) Mississippian Warsaw, 45-60-45-90, 1st open off bottom in 5 mins. 2nd open off bottom in ½ min. Blow backs in both 1st and 2nd shutins. Recovered 85' very slight oil and water cut gassy mud (1% O, 1% W, 8% G, 90% M) IHP 2565. IFP 89-89, ISIP 1361, FFP 100-100, FSIP 1438, FHP 2554, BHT n/a.

Results of DST #4, 5276-95' (-3131-3150) Mississippian Warsaw, 30-60-45-90, 1st open build to 7 inches w/1½ inch blowback in ISIP. 2nd open build to off bottom of bucket in 40 mins, with 2½ inch blow back in FSIP. Recovered 120' gas in pipe, 15' free oil, 60' slight gas and oil cut muddy water (12% G, 8% O, 24% M, 56% W), 112' salt water, chlorides 35,000 ppm. IHP 2570, IFP 33-65, ISIP 679, FFP 96-121, FSIP 489, FHP 2429, BHT 129°F.

Results of DST #5, 5710-45 (-3565-3600) Viola Limestone, 45-60-45-90. 1st open off bottom of bucket in 14 mins with off bottom of bucket 20 mins in ISIP. 2nd open off bottom of bucket in 30 seconds with off bottom of bucket 8 mins in FSIP, GTS in 50 mins. Volume to small to measure. Recovered 15' VSGCM, IHP 2879, IFP 32-32, ISIP 64, FFP 32-32, FSIP 53, FHP 2785, BHT n/a.

Results of DST #6, 5740-60' (-3595-3615) Viola Dolomite - misrun hit bridge @ 2100' while going in hole with test tool. Slowly losing mud. Came out of hole with test tool, mixed high LCM mud and went in hole 1000' at a time breaking circulation, went to bottom, had 100% returns, cleaned and conditioned hole.

Results of DST #7, 5740-60 (-3595-3615) Viola Dolomite, 45-60-45-90. 1st open gas to surface in 4 mins. Gauged 357 MCFG/10 mins, 424 MCFG/20 mins, 473 MCFG/40 mins (slight plugging). 2nd open 449 MCFG/10 mins, 473 MCFG/20 mins and stable. Recovered 360' total fluid. 100' SO&GCWM (2% G, 4% O, 40% W, 54% M), 200' SO CW (1% M, 4% O, 95% W). 60' SO&GCW (2% M, 2% O, 6% G, 90% W). Recovery chlorides 35,000 ppm. System chlorides 6000 ppm. Note bottom drill collar filled with cottonseed hulls. IHP 2724, IFP 169-228, ISIP 1728, FFP 179-225, FSIP 1789, FHP 2570, BHT 124°F.

ORIGINAL

Log Formation

Depth/Subsea

Anhydrite	1110	1035
Krider	2578	-433
Towanda	2720	-575
Cottonwood	3143	-998
Wabaunsee	3512	-1367
Stotler	3650	-1505
Lecompton	4191	-2046
Heebner	4364	-2219
Toronto	4380	-2235
Amazonia	4418	-2273
Brown Lime	4539	-2394
Lansing	4561	-2416
Dennis	4871	-2726
Swope	4942	-2797
Hertha	4974	-2829
Marmaton	5027	-2882
Pawnee	5121	-2976
Cherokee Sh	5164	-3019
Miss-Spergen	5219	-3074
Miss-Warsaw	5266	-3121
Miss-Osage	5386	-3241
Viola Lime	5715	-3570
Viola Pay	5744	-3599
RTD	5850	-3705
LTD	5849	-3704

CONFIDENTIAL

KCC

JUN 18

CONFIDENTIAL

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SEP 16 1998

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1997 JUN 19 11:34

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ORIGINAL

TELEPHONE:

AREA CODE 913 483-2627
AREA CODE 913 483-3887

ALLIED CEMENTING COMPANY, INC.

P. O. BOX 31
RUSSELL, KANSAS 67665

Federal Tax I.D.#

TO: Cross Bar Petroleum, Inc.
151 N. Main, #630
Wichita, KS 67202

INVOICE NO. 75202

PURCHASE ORDER NO. _____

LEASE NAME Bunnell 1-29

KCC
JUN 18
CONFIDENTIAL

DATE 5-21-97

SERVICE AND MATERIALS AS FOLLOWS:

Common 165 sks @\$6.10		\$1,006.50
Gel 3 sks @\$9.50	RELEASED	28.50
Chloride 15 sks @\$28.00		420.00
ALW 275 sks @\$5.65	SEP 16 1998	1,553.75
FloSeal 69# @\$1.15		<u>79.35</u>

\$3,088.10

FROM CONFIDENTIAL

Handling 440 ssk @\$1.05	462.00
Mileage (40) @\$.04¢ per sk per mi	704.00
Surface	445.00
Extra Footage 476' @\$.41¢	195.16
Mi @\$2.85 pmp trk chg	114.00
1 plug	<u>90.00</u>

2,010.16

If Account **CURRENT** a
Discount of \$ 824.13
will be Allowed **ONLY** if
Paid Within 30 Days from
Date of Invoice.

1 Baffle Plate-----	\$135.00
1 Basket-----	200.00
1 Centralizer-----	<u>61.00</u>

396.00

Total

\$5,494.26

Thank You!

All Prices Are Net, Payable 30 Days Following Date of Invoice. 1½% Charged Thereafter.

RECEIVED JUN 05 1997

HE : 1 0 61 WWP 1661
KANSAS CORP COMM
RECEIVED

ALLIED CEMENTING CO., INC.

6228

CONFIDENTIAL

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

ORIGINAL

SERVICE POINT:

Medicine Lodge

DATE <u>5-21-97</u>	SEC. <u>29</u>	TWP. <u>32S</u>	RANGE <u>18W</u>	CALLED OUT <u>7:00 pm</u>	ON LOCATION <u>8:30</u>	JOB START <u>7:30 AM</u>	JOB FINISH <u>4:00 AM</u>
LEASE <u>Bunnell</u>	WELL # <u>1-29</u>	LOCATION <u>Coldwater</u>	<u>160+173+183+193+203</u>	COUNTY <u>Comanche</u>	STATE <u>Kansas</u>		

OLD OR (NEW) (Circle one)

CONTRACTOR Duke Rig 7 SEP 16 1998 OWNER Cross Bar Petroleum

TYPE OF JOB Surface CEMENT

HOLE SIZE 12 1/4 T.D. 780 **CONFIDENTIAL**

CASING SIZE 8 3/8 DEPTH 776.02 AMOUNT ORDERED 275 65:35:6 3/8 cal & Flo seal

TUBING SIZE DEPTH 165 sx A 3 3/8 cal 2 3/8 Gel

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX 500 MINIMUM 100 COMMON A 165 @ 6.10 1006.50

MEAS. LINE SHOE JOINT 36.64 POZMIX @ 3.15

CEMENT LEFT IN CSG. 36.64 GEL @ 9.50 28.50

PERFS. CHLORIDE 15 @ 28.00 420.00

ALW 275 @ 5.65 1553.75

FLO SEAL 69# @ 1.15 79.35

HANDLING 440 @ 1.05 462.00

MILEAGE 440 x 40 .04 704.00

hvu TOTAL \$4254.10

JUN 1 8

EQUIPMENT

PUMP TRUCK CEMENTER Carl Balding

255-265 HELPER Stane Winsor

BULK TRUCK

240-251 DRIVER John Kelly

BULK TRUCK

DRIVER

REMARKS:

CONFIDENTIAL

SERVICE

Rise on Bottom, Break Circulation with Rice pump, Circulate for 15 minutes Hook up to Cement Pump, Pump 5 Bbls Freshwater spacer, Pump 275 65:35 6 3/8 Gel + 3 3/8 cal & Flo seal, Pump 100sx A 3 3/8 cal + 2 3/8 Gel Stop pumps Release Plug, Displace with 6 1/2 Bbls Freshwater. (Cement Did not Circulate) (1 inch) 75 feet with 65sx A 3 3/8 cal 2 3/8 Gel

DEPTH OF JOB	<u>776.02</u>	
PUMP TRUCK CHARGE	<u>0-300'</u>	<u>445.00</u>
EXTRA FOOTAGE	<u>476'</u>	@ <u>41</u> <u>195.16</u>
MILEAGE	<u>40</u>	@ <u>2.85</u> <u>114.00</u>
PLUG	<u>TRP 8 1/8"</u>	@ <u>90.00</u> <u>90.00</u>

TOTAL \$844.16

CHARGE TO: Cross Bar Petroleum

STREET 151 NORTH MAIN, St. 630

CITY WICHITA STATE KANSAS ZIP 67202

FLOAT EQUIPMENT

1 Baffle plate	@ <u>135.00</u>	<u>135.00</u>
1 Basket	@ <u>200.00</u>	<u>200.00</u>
1 Centralizer	@ <u>61.00</u>	<u>61.00</u>

TOTAL \$396.00

TAX _____

TOTAL CHARGE 5494.26

DISCOUNT \$ 824.13 IF PAID IN 30 DAYS

NET \$ 4670.13

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 Kenneth M. Stone