

ORIGINAL

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 7570 W. 21ST, BLDG 1011-B

City/State/Zip WICHITA KS 67205

Purchaser: N/A

Operator Contact Person: ALBERT BRENSING

Phone (316) 721-4999

Contractor: Name: MALLARD JV, INC.

License: 4958

Wellsite Geologist: MICHAEL BRYAN

Designate Type of Completion  
 New Well  Re-Entry  Workover

Oil  SWD  SLOW  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  PBSD  
 Commingled  Docket No. \_\_\_\_\_  
 Dual Completion  Docket No. \_\_\_\_\_  
 Other (SWD or Inj?)  Docket No. \_\_\_\_\_

07-14-98 07-25-98  
Spud Date Date Reached TD Completion Date

API NO. 15- 171-205310000

County SCOTT

SW SW NW Sec. 35 Twp. 16S Rge. 31 X W

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

330 Feet from X/W (circle one) Line of Section

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

Lease Name -THON Well # 1-35

Field Name WILDCAT

Producing Formation \_\_\_\_\_

Elevation: Ground 2850' KB 2855'

Total Depth 4611' PBSD 4650'

Amount of Surface Pipe Set and Cemented at 8 JTS @ 341; KB

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from \_\_\_\_\_  
Washed down but drilled out of old hole. TD  Plugged.  
feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cnt.

Drilling Fluid Management Plan ALT II D: A  
(Data must be collected from the Reserve Pit) DPLW 9-14-8

Chloride content 2,500 ppm Fluid volume 1,400 bbls

Dewatering method used Allow to evaporate and then fill in pits.

Location of fluid disposal if hauled offsite: \_\_\_\_\_

Operator Name KCC

Lease Name AUG 13 License No. \_\_\_\_\_

Quarter Section 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, 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 confidentially 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 ALBERT BRENSING, PRESIDENT Date 08/13/98

Subscribed and sworn to before me this 13TH day of AUGUST, 19 98.

Notary Public Angelina J. Johnston

Date Commission Expires 2-11-2000

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 type="checkbox"/> KCC	<input type="checkbox"/> SWD/Rep	<input type="checkbox"/> NGPA
<input type="checkbox"/> KGS	<input type="checkbox"/> Plug	<input type="checkbox"/> Other (Specify)

ANGELINA J. JOHNSTON  
NOTARY PUBLIC  
STATE OF KANSAS  
My Appt. Exp 2-11-2000

ORIGINAL

Operator Name CROSS BAR PETROLEUM, INC. Lease Name THON Well # 1-35

Sec. 35 Twp. 16S Rge. 31W  East  West County SCOTT

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: Geologist's Report, Dual Induction Log, Dual Compensated Porosity Log

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

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SEE EXHIBIT 'A' ATTACHED HERETO FOR FORMATION TOPS  
 PLEASE KEEP THIS INFORMATION CONFIDENTIAL

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"	23#	341'	60/40 Pozmix	215	2% Gel, 2% CC

ADDITIONAL CEMENTING/SQUEEZE RECORD					
Purpose: Plugging Perforate Protect Casing Plug Back TD Plug Off Zone	Depth		Type of Cement	#Sacks Used	Type and Percent Additives
	Top	Bottom			

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)	
		Material Used	Depth

TUBING RECORD N/A Size   Set At   Packer At   Liner Run  Yes  No

Date of First, Resumed Production, SWD or Inj. N/A Producing Method  Flowing  Pumping  Gas Lift  Other (Explain)

Estimated Production Per 24 Hours Oil N/A Bbls. Gas N/A 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.  Commingled  Other (Specify)   Production Interval

ORIGINAL

**Cross Bar Petroleum Inc. #1-35 Thon**

SW SW NW Section 35-T16S-R31W

Scott County, Kansas

KB: 2850' PTD: 4650' API#: 15-171-205310000

Contractor: Mallard JV, Inc.

Wellsite Geologist: Michael Bryan

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FROM

**EXHIBIT A OF ACO-1**

**Results of DST #1,**

3939'-3952' (-1084'-97'), Lansing 'B' Zone, 30-60-10-0, Tool slid 14' to bottom. 1st open-weak 1 1/2" blow decreased to surface blow with slight plugging. 2nd open-no blow, flush tool, no plugging, no help. Trip out of hole with tool. Recovered 65' DM, IHP 1895, IFP 53-68, ISIP 1065, FFP 78-75, FHP 1896. BHT 118 degrees F. Remarks: Valid test, tight zone.

**Results of DST #2,**

3988'-4016' (-1133'-61'), Lansing 'D' Zone, 45-60-30-60, tool slid 8' to bottom. 1st open-1 1/2" blow decreased to 3/4". 2nd open-1 1/4" blow throughout. Recovered 20' gas in pipe, 100' of clean gassy oil (8% G, 92% O, GTY 34), 100' of oil cut mud, (10% O, 90% M). IHP 1949, IFP 38-87, ISIP 887, FFP 91-113, FSIP 868, FHP 1904. BHT 119 degrees F.

**Results of DST #3,**

4082'-4106' (-1227'-51'), Upper Lansing 'H' Zone, tool slid 15' to bottom. 1st open-3/4" blow died in 9 min. 2nd open-no blow, flushed, no help. Recovered 15' slight oil cut mud (8%O, 92%M), 50' drilling mud. IHP 2068, IFP 48-52, ISIP 1131, FFP 55-63, FSIP N/A, FHP 1964. BHT 118 degrees F.

**Results of DST #4,**

4084'-4126' (-1229'-71'), Upper and Lower Lansing 'H' Zone, 10-20-5-0. 1st open- surface blow died in 7 min., 2nd open-no blow, flushed, no help. Recovered 10' slight oil cut mud (8%O, 92%M), IHP 1993, IFP 26-31, ISIP 1056-bldg, FFP 34-41, FSIP N/A, FHP 1984. BHT 114 degrees F.

**Results of DST #5,**

4120'-50' (-1265'-95'), Lansing 'I' Zone, 14-30-5-0, 1st open- surface blow died in 3 min., 2nd open-no blow, flushed, no help. Recovered 2' slight oil cut mud (5%O, 95%M), good show of free oil in top of tool. IHP 2015, IFP 19-26, ISIP 615, FFP 23-25, FSIP N/A, FHP 1991, BHT 118 degrees F.

**Results of DST #6,**

4150'-4200' (-1265'-95'), Lansing 'J' and 'K' Zones, 30-60-30-60, 1st open-off bottom in 4 min., 2nd open-off bottom in 5 min. Recovered 65' water cut mud with a trace of oil (30% W, 70% M), 120' mud cut water with a trace of oil (25% M, 75% W), 200' of slight mud cut water with a trace of oil (10% M, 90%W), 1242' saltwater (chl 29,000). IHP 2222, IFP 56-533, ISIP 1075, FFP 542-777, FSIP 1075, FHP 2137. BHT 129 degrees F.

KCC  
AUG 13  
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SW SW NW Section 35-T16S-R31W

Scott County, Kansas

KB: 2850' PTD: 4650' API#: 15-171-205310000

Contractor: Mallard JV, Inc.

Wellsite Geologist: Michael Bryan

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**EXHIBIT A OF ACO-1 (continued)**

Log Tops	Depth/subsea
Heebner	3864'(-1009')
Toronto	3886'(-1031')
Lansing 'A'	3904'(-1049')
Lansing 'B'	3940'(-1085')
Lansing 'C'	3853'(-1098')
Lansing 'D'	3993'(-1138')
Lansing 'F'	4024'(-1169')
Lansing 'H'	4097'(-1242')
Lansing 'I'	4133'(-1278')
Lansing 'J'	4155'(-1300')
Stark shale	4177'(-1322')
Lansing 'K'	4187'(-1332')
Lansing 'L'	4234'(-1379')
Marmaton	4288'(-1433')
Cherokee Shale	4435'(-1580')
Morrow Shale	4533'(-1678')
Morrow Sand	4536'(-1681')
Mississippian	4561'(-1706')

FROM

KCC  
AUG 13  
CONFIDENTIAL

# ALLIED CEMENTING CO., INC. 8122

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

SERVICE POINT: OAKLEY

ORIGINAL 15-171-20531

DATE <u>7-14-98</u>	SEC. <u>35</u>	TWP. <u>16S</u>	RANGE <u>31W</u>	CALLED OUT	ON LOCATION <u>3:30 PM</u>	JOB START <u>7:45 PM</u>	JOB FINISH <u>8:15 AM</u>
LEASE <u>THON</u>	WELL# <u>1-35</u>	LOCATION <u>MARVIN RD + HWY 4 - 134 N</u>			COUNTY <u>SCOTT</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one)							

CONTRACTOR MALLARD DRILL OWNER SAME

TYPE OF JOB SURFACE

HOLE SIZE 12 1/4" T.D. 342'

CASING SIZE 8 7/8" DEPTH 341'

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. 15'

PERFS.

DISPLACEMENT 20 3/4 GAL.

EQUIPMENT

PUMP TRUCK CEMENTER TERRY

# 300 HELPER WAYNE

BULK TRUCK

# 218 DRIVER DUANE

BULK TRUCK

# DRIVER

CEMENT

AMOUNT ORDERED 215 SKS 60/100 2.38 CC 28.6 SL

COMMON 129 SKS @ 7.55 975.95

POZMIX 86 SKS @ 3.25 279.50

GEL 4 SKS @ 9.50 38.00

CHLORIDE 7 SKS @ 28.00 196.00

HANDLING 215 SKS @ 1.05 225.75

MILEAGE 0.46 PER SK/MILE 430.00

TOTAL 2143.20

REMARKS:

FROM  
KCC  
AUG 13  
CONFIDENTIAL

SERVICE

DEPTH OF JOB 341'

PUMP TRUCK CHARGE 470.00

EXTRA FOOTAGE 41' @ 4.31 176.91

MILEAGE 50 MI @ 2.85 142.50

PLUG 8 7/8 SURFACE @ 45.00

TOTAL 675.41

CEMENT SEO CIRC. ✓

THANK YOU

CHARGE TO: CROSS BAR PET, INC.

STREET Centric City Plaza, 151N Main #630

CITY Wichita STATE Kan ZIP 67202-1407

FLOAT EQUIPMENT

TOTAL

TAX

TOTAL CHARGE

DISCOUNT IF PAID IN 30 DAYS

SIGNATURE [Signature]

[Signature]  
PRINTED NAME

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.

# ALLIED CEMENTING CO., INC. 7915

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

## ORIGINAL

SERVICE POINT: Oakley

15-171-20531

DATE <u>7-25-98</u>	SEC. <u>35</u>	TWP. <u>16S</u>	RANGE <u>31W</u>	CALLED OUT	ON LOCATION <u>6:00 AM</u>	JOB START <u>8:30 AM</u>	JOB FINISH <u>11:00 AM</u>
LEASE <u>Thon</u>	WELL # <u>1-35</u>	LOCATION <u>Healey 5W 1/4 N</u>			COUNTY <u>SCOTT</u>	STATE <u>KS</u>	
OLD OR <input checked="" type="radio"/> NEW (Circle one)							

CONTRACTOR Mallard Drlg

TYPE OF JOB P7A

HOLE SIZE 7 1/8 T.D. 4610'

CASING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_

TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_

DRILL PIPE 27-80 DEPTH 2280'

TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_

PRES. MAX \_\_\_\_\_ MINIMUM \_\_\_\_\_

MEAS. LINE \_\_\_\_\_ SHOE JOINT \_\_\_\_\_

CEMENT LEFT IN CSG. \_\_\_\_\_

PERFS. \_\_\_\_\_

DISPLACEMENT \_\_\_\_\_

OWNER Same

CEMENT AMOUNT ORDERED 255 sks 60/40 P82  
650 Gal 14" Fla Seal

**EQUIPMENT**

PUMP TRUCK CEMENTER Dean

# 300 HELPER Wayne

BULK TRUCK DRIVER Lonnie

# 218 DRIVER \_\_\_\_\_

BULK TRUCK DRIVER \_\_\_\_\_

COMMON	<u>153</u> SKS	@	<u>7.55</u>	<u>1,155.15</u>
POZMIX	<u>102</u> SKS	@	<u>3.25</u>	<u>331.50</u>
GEL	<u>13</u> SKS	@	<u>9.50</u>	<u>123.50</u>
CHLORIDE		@		
<u>Fla-Seal</u>	<u>63#</u>	@	<u>1.15</u>	<u>72.45</u>
<u>KCC</u>		@		
<u>MUG 13</u>		@		
HANDLING	<u>255</u> SKS	@	<u>1.05</u>	<u>267.75</u>
MILEAGE	<u>44</u> per sk/mile			<u>418.20</u>
<b>TOTAL</b>				<u>2,368.55</u>

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**REMARKS:**

1st Plug at 2280 w/50 sks  
2d Plug at 1500 w/50 sks  
3rd Plug at 750 w/40 sks  
4th Plug at 320 w/50 sks  
5th Plug at 10 sks at 40'  
15 sks in Rat Hole Thank you  
10 sks in mouse hole

**FROM SERVICE**

DEPTH OF JOB	<u>2280'</u>			
PUMP TRUCK CHARGE			<u>580.00</u>	
EXTRA FOOTAGE		@		
MILEAGE	<u>41 miles</u>	@	<u>285</u>	
PLUG <u>8 3/8 Dry Hole</u>		@	<u>23.20</u>	
<b>TOTAL</b>				<u>719.85</u>

CHARGE TO: Crossbar Pet

STREET 151 N. Main #630

CITY Wiedita STATE Kansas ZIP 67202-1407

**FLOAT EQUIPMENT**

_____	@	_____
_____	@	_____
_____	@	_____
_____	@	_____
_____	@	_____

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TAX \_\_\_\_\_

TOTAL CHARGE \_\_\_\_\_

DISCOUNT \_\_\_\_\_ IF PAID IN 30 DAYS

SIGNATURE Lester R. Usher

PRINTED NAME \_\_\_\_\_