

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: KANSAS GAS SUPPLY CORPORATION

Operator Contact Person: ALBERT BRENSING

Phone (316) 265-2279

Contractor: Name: EAGLE DRILLING, INC.

License: 5059

Wellsite Geologist: STEVE DAVIS/TOM BLAIR

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 PBTB

Commingled Docket No. _____

Dual Completion Docket No. _____

Other (SWD or Inj?) Docket No. _____

12-06-95 12-18-95 12-30-95

Spud Date 12-06-95 Date Reached TD 12-18-95 Completion Date 12-30-95

API NO. 15- 097-21,397-0000

County Kiowa

45' W. E/2 NE/4 SE/4 SEC. 32 Twp. 29S Rge. 17 X W

1980 Feet from S/N (circle one) Line of Section

375 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 SCHWARM Well #1-32

Field Name WILDCAT

Producing Formation MISSISSIPPIAN

Elevation: Ground 2123' KB 2136'

Total Depth 5000' PBTB 4994' KB

Amount of Surface Pipe Set and Cemented at 11JTS @ 463' KB 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 ALT 1 JZK 11-21-96
(Data must be collected from the Reserve Pit)

Chloride content 10,500 ppm Fluid volume 6,500 bbls

Dewatering method used ALLOW TO DRY THEN BACKFILL.

Location of fluid disposal if hauled offsite: KANSAS CORPORATION COMMISSION

Operator Name MAR 27 1996

Lease Name _____ License No. _____

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

County _____ Docket No. _____

RELEASED

JUL 31 1997

FROM CONFIDENTIAL

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.

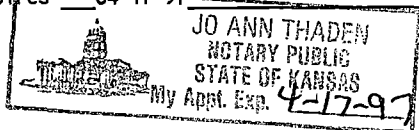
Signature Albert Brensing

Title ALBERT BRENSING, PRESIDENT Date 03-26-96

Subscribed and sworn to before me this 26th day of March, 1996.

Notary Public Jo Ann Thaden

Date Commission Expires 04-17-97



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)

Operator Name: CROSS BAR PETROLEUM, INC. Lease Name SCHWARM Well # 1-32

Sec. 32 Twp. 29S Rge. 17 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.)

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 type="checkbox"/> New <input checked="" 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"	28#	463'	60/40 POZMIX	265	3% CC & 2% GEL
PRODUCTION	7-7/8"	5-1/2"	15.5#	4994' KB	HLC/EA-2	80/45	1/4# flocele, 5% CalSeal, 7# Gil, 18% Salt, 6H-322 1/4# sx D-AIR-1

ADDITIONAL CEMENTING/SQUEEZE RECORD

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

N/A 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	4922-24' (9) shots	3-1/2" expendable gun/ 37J charges 4 jspf, 9 holes	4922-24'

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2-3/8"	4948		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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)			
3-13-96				
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio Gravity
		250		

Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)
 METHOD OF COMPLETION: Open Hole Perf. Dually Comp. Commingled 4922-4924'
 Production Interval: Other (Specify) _____

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ORIGINAL

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Exhibit 'A' to ACO-1 API: 15-097-21,397
Cross Bar Petroleum, Inc. #1-32 Schwarm
45' W. E/2 NE/4 SE/4 32-T29S-R17W,
(1980' FSL & 375' FEL) Kiowa County, Kansas

RESULTS OF DST #1, 2960'-3005', COTTONWOOD, 30-60-30-60. 1st op - 3-1/2", 2nd op - surface blow throughout. Rec. 65' DM, IHP 1409, IFP 37-37, ISIP 911, FFP 44-44, FSIP 857, FHP 1401, BHT 86°F.

RESULTS OF DST #2, 3418'-3435', STOTLER, 30-60-45-90. 1st op, > 4", 2nd op, > 8". Rec. 220' GIP, 25' M, IHP 1613, IFP 21-23, ISIP 155, FFP 23-23, FSIP 709, FHP 1591, BHT 107°F, SHS 1°.

RESULTS OF DST #3, 3498'-3525', EMPORIA, 30-60-30-60. 1st op, 1/2" > 3-1/2" blow, 2nd op, 1/2" > 1-1/2" blow. Rec. 10' GIP, 170' MW w/oil spks, clean oil on top of tool. (Chl 70,000 ppm). IHP 1743, IFP 28-57, ISIP 1176, FFP 87-102, FSIP 1159, FHP 1613, BHT 108°F, Strap .01' short to board, SHS 1°.

RESULTS OF DST #4, 3530'-3568', BERN, ANCHOR STRADDLE, 45-60-45-90. 1st op, OB 6-1/2", 2nd op, 2" > 12". Rec. 424' GIP, 50' GOCM (12%G, 18%O, 70%M), 120' MW (10%M, 90%W-Chl 76000 ppm) GS clean oil on top of tool. IHP 1707, IFP 37-62, ISIP 909, FFP 80-116, FSIP 865, FHP 1690, BHT 110°F.

RESULTS OF DST #5, 4858'-4916', MISSISSIPPIAN, 45-60-45-120. 1st op - Off Bottom Immediately. 2nd op - GTS 1', TSTM/10", 3.58 MCFG/20', 6.33 MCFG/30", 6.72 MCFG/35", 6.93 MCFG/40'. Rec. 90' GCM (15%G, 15%W - chl 10,000 ppm, 80%M), IHP 2343, IFP 56-56, ISIP 1193, FFP 56-58, FSIP 1275 - bldg., FHP 2251, BHT 120°.

RESULTS OF DST #6, 4916'-4931', MISSISSIPPIAN, 30-60-15-60, 1st op - GAS TO SURFACE 3-1/2", ga 227/MCFG/10", 86.3 MCFG/20", OIL TO SURFACE IN 21". Strong 2 inch stream into reserve pit. 2nd op - Oil to Surface in 9". Reversed out recovery. 1800' Fluid. Approximately 1000' of Gassy oil (gty 39°) and 800' of slight oil cut water - Chl 104,000 ppm. IHP 2395, IFP 565-1060, ISIP 1632, FFP 726-1013, FSIP 1632, FHP 2333, BHT 128°.

FORMATION	KB 2136	
	DEPTH	SUBSEA
ANHYDRITE	1053	+1083
KRIDER	2435	-299
COTTONWOOD	2978	-842
WABAUNSEE	3277	-1141
STOTLER	3412	-1276
EMPORIA	3488	-1352
HEEBNER	4111	-1975
BROWN LIME	4276	-2140
LANS A POR	4294	-2158
LANS B POR	4330	-2194
LANS C POR	4354	-2218
DRUM	4467	-2331
STARK	4558	-2422
SWOPE POR	4561	-2425
HUSHPUCKNEY	4593	-2457
HERTHA	4615	-2479
BASE/KC	4691	-2555
MARMATON	4705	-2569
ALTAMONT POR	4762	-2626
PAWNEE POR	4792	-2656
CHEROKEE SHALE	4830	-2694
MISS UNCONFORMITY	4885	-2749
MISS POR	4922	-2786
RTD	5000	-2864

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JUL 31 1997

FROM CONFIDENTIAL

RECEIVED
KANSAS CORPORATION COMMISSION

MAR 27 1998

CONSERVATION DIVISION
WICHITA, KS

CUSTOMER COPY



HALLIBURTON

REMIT TO:
P. O. BOX 951046
DALLAS, TX 75395-1046

INVOICE

ORIGINAL

INVOICE NO.	DATE
906879	12/17/1995

Schwam

WELL LEASE NO./PROJECT	WELL/PROJECT LOCATION	STATE	OWNER
	KIOWA	KS	SAME
SERVICE LOCATION	CONTRACTOR	JOB PURPOSE	TICKET DATE
PRATT	EAGLE DRILLING #1	CEMENT PRODUCTION CASING	12/17/1995
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER
202259	RICKEY POPP		
		SHIPPED VIA	FILE NO.
		COMPANY TRUCK	01113

CONFIDENTIAL

DIRECT CORRESPONDENCE TO:

CROSS BAR PETROLEUM, INC
 CENTRE CITY PLAZA
 151 NORTH MAIN SUITE 630
 WICHITA, KS 67202-1407

P O BOX 428
 HAYS KS 67601
 913-625-3431

REFERENCE NO.	DESCRIPTION	QUANTITY	UM	UNIT PRICE	AMOUNT
PRICING AREA - MID CONTINENT					
000-117	MILEAGE CEMENTING ROUND TRIP	20	MI	2.85	199.50
		1	UNT		
001-016	CEMENTING CASING	4997	FT	1.765	1,765.00
		1	UNT		
018-317	SUPER FLUSH	18	SK	100.00	1,800.00
314-163	CLAYPIK II	7	GAL	28.00	196.00
030-016	CEMENTING PLUG SW ALUM TOP	5	1/2 IN	60.00	60.00
		1	EA		
019-241	CASING SWIVEL W/O WALL CLEANER	1	JOB	185.00	185.00
504-316	CEMENT - HALL LIGHT STANDARD	80	SK	8.03	642.40
507-210	FLOCELE	17	LB	1.65	28.05
504-308	CEMENT - STANDARD	45	SK	8.86	398.70
508-291	GILSONITE BULK	315	LB	.40	126.00
508-127	GAL SEAL 60	2	SK	25.90	51.80
509-968	SALT	400	LB	.15	60.00
507-775	HALAD-322	25	LB	7.00	175.00
507-970	D-AIR 1, POWDER	11	LB	3.25	35.75
500-207	BULK SERVICE CHARGE	141	CFT	1.35	190.35
500-306	MILEAGE CMTG MAT DEL OR RETURN	216.965	TNI	.95	206.12
INVOICE SUBTOTAL					6,119.67
DISCOUNT - (BLD)					
INVOICE BID AMOUNT					1,591.09
					4,528.58
*- KANSAS STATE SALES TAX					69.42
*- PRATT COUNTY SALES TAX					14.16
INVOICE TOTAL - PLEASE PAY THIS AMOUNT					\$4,612.16

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TERMS: If Customer does not have an approved open account with Halliburton, all sums due are payable in cash at the time of performance of services or delivery of equipment, products or materials. If customer has an approved open account, invoices are payable on the twentieth day after date of invoice. Customer agrees to pay interest on any unpaid balance from the date payable until paid at the highest lawful contract rate applicable, but never to exceed 18% per annum. In the event Halliburton employs an attorney for collection of any account, Customer agrees to pay attorney fees of 20% of the unpaid account plus all collection and court costs.



JOB
SUMM BY

HALLIBURTON
DIVISION
HALLIBURTON
LOCATION

MED CONT.
PRATT, KS

BILLED ON
TICKET NO. 906879

WELL DATA
FIELD _____ SEC 32 TWP 29S RING 17W COUNTY KIOWA STATE Ks.

FORMATION NAME _____ TYPE _____
FORMATION THICKNESS _____ FROM _____ TO _____
INITIAL PROD: OIL _____ BPD. WATER _____ BPD. GAS _____ MCFD
PRESENT PROD: OIL _____ BPD. WATER _____ BPD. GAS _____ MCFD
COMPLETION DATE _____ MUD TYPE _____ MUD WT _____
PACKER TYPE _____ SET AT _____
BOTTOM HOLE TEMP. _____ PRESSURE _____
MISC DATA _____ TOTAL DEPTH _____

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	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING		15.5	5 1/2	0	4997	
LINER						
TUBING						
OPEN HOLE				4997	5000	SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

JOB DATA

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>12-17</u>	DATE <u>12-17</u>	DATE <u>12-17</u>	DATE <u>12-17</u>
TIME <u>0500</u>	TIME <u>0900</u>	TIME <u>1300</u>	TIME <u>1500</u>

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR		
FLOAT SHOE		
GUIDE SHOE		
CENTRALIZERS		
BOTTOM PLUG		
TOP PLUG <u>5W PALLUM</u>	<u>1</u>	<u>Howco</u>
HEAD <u>A MANIFOLD</u>	<u>1</u>	<u>Howco</u>
PACKER		
OTHER <u>CASING JOINT</u>	<u>1</u>	<u>Howco</u>

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>K. GORDLEY</u>	<u>40033</u>	<u>PRATT, KS.</u>
<u>C. BRADNER</u>	<u>51936</u>	<u>"</u>
<u>B. TOWNSON</u>	<u>4413</u>	<u>"</u>
<u>G. 9726</u>	<u>BULK TRK</u>	<u>"</u>

MATERIALS

TREAT. FLUID _____ DENSITY _____ LB/GAL. °API
DISPL. FLUID _____ DENSITY _____ LB/GAL. °API
PROP. TYPE _____ SIZE _____ LB.
PROP. TYPE _____ SIZE _____ LB.
ACID TYPE _____ GAL. _____ %
ACID TYPE _____ GAL. _____ %
ACID TYPE RELEASED _____ GAL. _____ %
SURFACTANT TYPE _____ GAL. _____ IN
NE AGENT TYPE _____ GAL. _____ IN
FLUID LOSS ADD. TYPE _____ GAL.-LB. _____ IN
GELLING AGENT TYPE _____ GAL.-LB. _____ IN
FRIC. RED. AGENT TYPE _____ GAL.-LB. _____ IN
BREAKER TYPE _____ GAL.-LB. _____ IN
BLOCKING AGENT TYPE _____ GAL.-LB. _____ IN
PERFFAC BALLS TYPE _____ QTY.
OTHER 18 Sks SUPER FLUSH
OTHER 7 gal CURAFIX II

DEPARTMENT CEMENT
DESCRIPTION OF JOB CEMENT 5 1/2 PRAD CSC.
JOB DONE THRU: TUBING CASING ANNULUS TBG/ANN.
CUSTOMER REPRESENTATIVE X Benky Papp
HALLIBURTON OPERATOR K. GORDLEY
COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
	<u>80</u>	<u>HCC</u>		<u>B</u>	<u>1/4 # SIL FLOCCEL</u>	<u>1.63</u>	<u>13.1</u>
	<u>45</u>	<u>EA-2</u>		<u>B</u>	<u>5% CEM SEAL, 18% SERTIVA, 7 1/4% GILSONITE, 36% H-322</u>	<u>1.41</u>	<u>15.2</u>

PRESSURES IN PSI
CIRCULATING _____ DISPLACEMENT _____
BREAKDOWN _____ MAXIMUM _____
AVERAGE _____ FRACTURE GRADIENT _____
SHUT-IN: INSTANT _____ 5-MIN _____ 15-MIN _____
HYDRAULIC HORSEPOWER _____
ORDERED _____ AVAILABLE _____ USED _____
AVERAGE RATES IN BPM _____
TREATING _____ DISPL. _____ OVERALL _____
CEMENT LEFT IN PIPE _____
FEET 39.46 REASON I WISEST FLOAT

SUMMARY

VOLUMES
PRESLUSH 25 + 18 + 5 GAL. TYPE CURAFIX II SUPERFLUSH
LOAD & BKDN: BBL-GAL _____ PAD: BBL-GAL _____
TREATMENT: BBL-GAL _____ DISPL. BBL-GAL 118
CEMENT SLURRY 23.2 + 11.3 GAL.
TOTAL VOLUME: BBL-GAL _____

REMARKS

PUMP TIME = 35 min
25 Sks HCC FOR PAT HOLE & MOUSE HOLE

FIELD OFFICE

CUSTOMER CROSS BAR PET.
LEASE SCHULMAN
WELL NO. 1-32
JOB TYPE PRAD CSC.
DATE 12-17-95



HAL-1906-N

CHARGE TO: **CROSS BAR PETROLEUM**
 ADDRESS:
 CITY, STATE, ZIP CODE:

CUSTOMER COPY

TICKET

No. **906879-6**

PAGE 1 OF 2

1. SERVICE LOCATIONS: **PRH11, KS 25555** WELL/PROJECT NO.: **1-32** LEASE: **SCHWARM** COUNTY/PARISH: **KEOWA** STATE: **KS.** CITY/OFFSHORE LOCATION: DATE: **12-17-95** OWNER: **SITHME**

2. TICKET TYPE: SERVICE SALES NITROGEN JOB? YES NO CONTRACTOR: **EAGLE DRILL** RIG NAME/NO.: **#1** SHIPPED VIA: **C.T. WELL SITE** ORDER NO.:

3. WELL TYPE: **01** WELL CATEGORY: **01** JOB PURPOSE: **035 CMT. PROD. OSC.** WELL PERMIT NO.: WELL-LOCATION: **LHWD 32-295-17W**

4. REFERRAL LOCATION: INVOICE INSTRUCTIONS: **APR # 1509721397000**

PRICE REFERENCE	SECONDARY REFERENCE/PART NUMBER	ACCOUNTING LOC ACCT DF	DESCRIPTION	QTY.	U/M	QTY.	U/M	UNIT PRICE	AMOUNT
200-117		1	MILEAGE	70 miles				2.85	199.50
001-016		1	PUMP CHARGE	6 hrs 4997 Ft.				1765.00	1765.00
018-317		1	SUPERFLUSH	18 SKS				100.00	1800.00
314-163		1	CLAYFL x II	7 gal				28.00	196.00
030-016		1	TOP PLUG SW ALUM.	1 EA 5 1/2 in				60.00	60.00
019-241		1	CASING GRIEVE	1 EA 5 1/2 in				185.00	185.00

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LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, **PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY** provisions.

MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS

X **Rubiny Papp**
 DATE SIGNED: **12-17-95** TIME SIGNED: **14:30**

do do not require IPC (Instrument Protection). Not offered

SUB SURFACE SAFETY VALVE WAS PULLED & RETURN PULLED RUN

TYPE LOCK: _____ DEPTH: _____

BEAN SIZE: _____ SPACERS: _____

TYPE OF EQUALIZING SUB: _____ CASING PRESSURE: _____

TUBING SIZE: _____ TUBING PRESSURE: _____ WELL DEPTH: _____

TREE CONNECTION: _____ TYPE VALVE: _____

WE SURVEY: AGREE UN-DECIDED DIS-AGREE

OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN? YES NO

WE UNDERSTOOD AND MET YOUR NEEDS? YES NO

OUR SERVICE WAS PERFORMED WITHOUT DELAY? YES NO

WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY? YES NO

ARE YOU SATISFIED WITH OUR SERVICE? YES NO

CUSTOMER DID NOT WISH TO RESPOND

PAGE TOTAL: **4205.50**

FROM CONTINUATION PAGE(S): **191417**

SUB-TOTAL APPLICABLE TAXES WILL BE ADDED ON INVOICE: **6119.60**

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket.

CUSTOMER OR CUSTOMER'S AGENT (PLEASE PRINT): **Rubiny Papp** CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE): **X Rubiny Papp**

HALLIBURTON OPERATOR/ENGINEER: **KEVIN P. GORDLEY 08500** EMP #

HALLIBURTON APPROVAL: **Kevin P. Gordley**



HALLIBURTON

TICKET CONTINUATION CUSTOMER COPY

TICKET No. 906879

HALLIBURTON ENERGY SERVICES

FORM 1911 R-10

CUSTOMER CROSS BAR PETROLEUM	WELL SCHWARM 1-32	DATE 12-17-95	PAGE 2	OF 2
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PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	WELL		DATE		UNIT PRICE	AMOUNT		
		LOC	ACCT	DF		QTY.	U/M	QTY.	U/M				
504-316		1			HALLIBURTON LIGHT CEMENT	80	sks			8.03	642.40		
597-210	890.50071	1			FLOCEE BLENDED 1/4#	17	lbs			1.65	28.05		
LOADED ON TRK. #4413-FRONT													
504-308	516.00261	1			STANDARD CEMENT	45	sks			8.36	393.70		
508-291	516.00337	1			GILSONITE BLENDED 7#	315	lbs			.40	126.00		
508-127	890.50131	1			CALSEAL BLENDED 5%	2	sks			25.90	51.80		
19-968	516.00158	1			SALT BLENDED 18%	400	lbs			.15	60.00		
507-775	516.00144	1			HALAD-322 BLENDED .6%	25	lbs			7.00	175.00		
507-970	70.15764	1			D-AIR 1 BLENDED 1/4#	11	lbs			3.25	35.75		
LOADED ON TRK. #4413-BACK													
<p>ORIGINAL</p> <p>CONFIDENTIAL</p> <p>RECEIVED KANSAS CORPORATION COMMISSION MAR 27 1996 CONSULTATION DIVISION WICHITA, KS</p> <p>RELEASED JUL 31 1997 FROM CONFIDENTIAL</p>													
500-207		1			SERVICE CHARGE	CUBIC FEET				141	1.35	190.35	
500-306		1			MILEAGE CHARGE	TOTAL WEIGHT	LOADED MILES	TON MILES			216.965	.95	206.12
						12,398	35						

No. B 325517

CONTINUATION TOTAL

1914.17



JOB LOG HAL-2013-C

CUSTOMER: CROSS BAR PET WELL NO.: 1-32 LEASE: SCHWARM JOB TYPE: 5 1/2" LOWEST STRING TICKET NO.: 906879

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
1	0500 0900							PULLED OUT ON LOCATION TD - 5000' 5 1/2" CASING 13.5' SET AT - 4997' SHOE IV. - 39.46' INSERT FLOAT - 4957' RIG RUN CASING CASING ON BOTTOM
								ORIGINAL
								CONFIDENTIAL
	1240							BREKIL BIRC WITH MUD PUMP AND ROTATE
	1340							RIG UP HOWCO TO CASING
	1344	6 1/2	23	-		250		PUMP 25 bbl CLAYFIX II H ₂ O
		6 1/2	43	-		250		PUMP 18 bbl SUPERFLUSH
	1353	6 1/2	48	-		250		PUMP 5 bbl CLAYFIX II H ₂ O
	1355	6 1/2	0	-		250		START MIX LEAD CMT (55 SACS)
		6 1/2	10	-		200		FINISH MIX LEAD CMT
		6 1/2	16	-		200		START MIX TAIL CMT (45 SACS)
	1400	6 1/2	27	-		150		FINISH MIX TAIL CMT. KANSAS CORPORATION COMMISSION MA 2 27 1990 START DOWN WASH OUT LINES & RELEASE PLUG
	1403	7 1/2	0	-		300		START DISP. CONSERVATION DIVISION WICHITA, KS
		7 1/2	95	-		400		LIFTING CEMENT STOP ROTATE AT 108 bbl
	1420	5	118	-		950		PLUG DOWN RELEASE PSI - FLOAT HELD
								RELEASED
	1500							JUL 3 1991 JOB COMPLETE THANKS KEVIN CEDRICK BRAD FROM CONFIDENTIAL

TELEPHONE:

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

UNITED CEMENTING COMPANY INC.

P. O. BOX 31
RUSSELL, KANSAS 67665

RECEIVED DEC 13 1995

TO: Cross Bar Petroleum, Inc.
Centre City Plaza
151 N. Main, #630

ORIGINAL

INVOICE NO. 70483

PURCHASE ORDER NO. _____

Wichita, KS 67202-1407

LEASE NAME Schwarm 1-32

CONFIDENTIAL

DATE 12-6-95

SERVICE AND MATERIALS AS FOLLOWS:

Common 159 sks @\$6.10	RELEASED	\$969.90
Pozmix 106 sks @\$3.15		333.90
Gel 5 sks @\$9.50		47.50
Chloride 9 sks @\$28.00	JUL 31 1997	252.00
FloSeal 66# @\$1.15		75.90

FROM CONFIDENTIAL

*Surface Pipe
Cement
Drilling*

\$1,679.20

Handling 265 sks @\$1.05	278.25
Mileage (37) @\$.04¢ per sk per mi	392.20
Surface	445.00
Extra Footage 164' @\$.41¢	67.24
Mi @\$2.35 pmp trk chg	86.95
1 plug	90.00

1,359.64

If Account CURRENT a
Discount of \$ 686.97
will be Allowed ONLY if
Paid Within 30 Days from
Date of Invoice.

1 BAffle Plate-----	\$135.00
1 Basket-----	200.00
1 Centralizer-----	61.00

396.00

Total

\$3,434.84

Thank You!

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

*Disc → 686.97
2747.87*

RECEIVED
KANSAS CORPORATION COMMISSION

MAR 27 1996

CONSERVATION DIVISION
WICHITA, KS

ALLIEL CEMENTING CO., INC.

3732

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

ORIGINAL

SERVICE POINT:

Alton, Kas.

DATE <u>12-6-95</u>	SEC. <u>28</u>	TWP. <u>29S</u>	RANGE <u>17W</u>	CALLED OUT <u>2:30</u>	ON LOCATION <u>4:30</u>	JOB START <u>8:00</u>	JOB FINISH <u>9:00</u>
LEASE <u>1-32</u>	WELL # <u>Schwam</u>	LOCATION <u>Behnam Elev. 75, 2 1/2, 1/2 S, 1/2 W</u>	COUNTY <u>KTOWA</u>	STATE <u>KANSAS</u>			

OLD OR NEW (Circle one)

CONFIDENTIAL

CONTRACTOR Eagle Drilling Rig #1 OWNER Crossbar Pet

TYPE OF JOB Surface CEMENT

HOLE SIZE 12 1/4 T.D. 483

CASING SIZE 8 5/8 DEPTH 464 AMOUNT ORDERED 265 60/40 Poz 26

TUBING SIZE DEPTH Gel, 376 CACU + 1/4" Flo-Stop/Six

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM COMMON 159 @ 6.10 969.90

MEAS. LINE SHOE JOINT 33 POZMIX 106 @ 3.15 333.90

CEMENT LEFT IN CSG. GEL 5 @ 9.50 47.50

PERFS. CHLORIDE 9 @ 28.00 252.00

Flo-Stop 66# @ 1.15 75.90

Handling @ 1.05 278.25

Mileage @ 2.35 86.95

Plug 8 5/8 Top Rubber @ 90.00 90.00

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EQUIPMENT

PUMP TRUCK CEMENTER Neal Rupp

255/265 HELPER JUSTIN HART

BULK TRUCK DRIVER CARL BALDING

257/314

BULK TRUCK DRIVER

#

REMARKS:

RAN 8 5/8 TO 464'

CEMENTED WITH 265x 60/40 266L 360

DISP. PLUG TO 431' WITH 27.5 880 H₂O

CEMENT DID CIRCULATE!

THANKS!

FROM CONFIDENTIAL SERVICE

DEPTH OF JOB 464

PUMP TRUCK CHARGE 0-300' - 445.00

EXTRA FOOTAGE 164 @ .41 67.24

MILEAGE 37 @ 2.35 86.95

PLUG 8 5/8 Top Rubber @ 90.00 90.00

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JUL 31 1997

TOTAL \$2349.65

CHARGE TO: Crossbar Petroleum Inc.

STREET 151 N. Main Centre Plaza Suite 630

FLOAT EQUIPMENT

CITY Wichita STATE Ks ZIP 67202

1 Baffle Plate @ 135.00 135.00

1 BASKET @ 200.00 200.00

1 CENTRALIZER @ 66.00 66.00

1 CENTRALIZER @ 66.00 66.00

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