CONFIDENTIAL

SIDE ONE

API NO. 15- _171-205090000__

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

WELL COMPLETION FORM	councy scott
ACO-1 WELL HISTORY DESCRIPTION OF WELL AND LEASE	E NWNWNE_ Sec28_ Twp17S_ Rge32X_W
Operator: License #4243	330 Feet from X (O (circle one) Line of Section
Name: CROSS BAR PETROLEUM, INC	2310 Feet from(E)/X (circle one) Line of Section
Address 151 N. MAIN, SUITE 630	Footages Calculated from Nearest Outside Section Corner: (177. SE, NW or SW (circle one)
City/State/Zip WICHITA KS 67202	Lease Name ERSKIN 'A' Well # 1-28
Purchaser: N/A	Field Name WILDCAT
Operator Contact Person: ALBERT BRENSING	Producing Formation Mississippian
Phone (_316_)265-2279	Elevation: Ground 2983' KB 2988' Total Depth 4790' PBTD
Contractor: Name: _MALLARD JV, INC	Amount of Surface Pipe Set and Cemented at 11 JTS @ 430; KB
License: _4958	Multiple Stage Cementing Collar Used? X Yes No
	The yes, show depth set Feet
X New Well Re-Entry Workover	If Alternate II completion, cement circulated from
OilSWDx_SIOWTemp. Abd. GasENHRSIGWTemp. Abd. DryOther (Core, WSW, Expl., Cathodic, etc.)	Drilling Fluid Management Plan ALT 2 9% 4-24-78
If Workover:	(Data must be collected from the Reserve Fit)
Operator:	Chloride content _ 7000ppm Fluid volume
Well Name:	Dewatering method used Allow to evaporate and then fillin pits.
Comp. Date Old Total Depth	Location of fluid disposal if hauled offsite:
Deepening Re-perf Conv. to Inj/SWD	Operator Name
Plug Back PBTD PBTD Commingled Docket No.	Operator Name MAY 30
Dual Completion Docket No. Other (SWD or Inj?) Docket No.	Lease Name Quarter CGE Twp S Rng E/W
02-01-97 02-14-97 02-25-97	Quarter C Sect Twp S RngE/W
Spud Date Date Reached TD Completion Date	County Docket No
- Room 2078, Wichita, Kansas 67202, within 120 days of the Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information or 12 months if requested in writing and submitted with the	be filed with the Kansas Corporation Commission, 130 S. Market e spud date, recompletion, workover or conversion of a well. In side two of this form will be held confidential for a period of the form (see rule 82-3-107 for confidentiality in excess of 12 report shall be attached with this form. ALL CEMENTING TICKETS cells. Submit CP-111 form with all temporarily abandoned wells.
all requirements of the statutes, rules and regulations promulg with and the statements herein are complete and correct to the	ated to regulate the oil and gas industry have been fully complied the best of my knowledge.
Signature	K.C.C. OFFICE USE ONLY F Letter of Confidentiality Attached
TitleALBERT BRENSING, PRESIDENT/ Date	O5-30-97 C Wireline Log Received C Geologist Report Received
Subscribed and sworn to before me this _30TH_ day of May 19 _97	
Hotary Public Julie /hmp25/1	✓ KCC SWD/Rep NGPA KGS Plug Other (Specify)
Date Commission Expires9-13-00	(Specify)

JULIE THOMPSON
Notary Public - State of Kansas
My Appt. Expires 9//3/00

Form ACO-1 (7-91)

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Operator Name CRO	A CONTROL E	IM THE	SIDE TWO	+ FROMAN A		+ 4	
operator maile a cros			Lease Name			Well #	1-28
Sec28_ Twp17s		East West	County	SCOTT			
INSTRUCTIONS: Show interval tested, time hydrostatic pressures, if more space is need	me tool open a , bottom hole to	nd closed, flowing emperature, fluid rec	and shut-in pre	ssures, whet	her shut-in nr	essure rea	ched static level
Drill Stem Tests Take (Attach Additional		X Yes No	X Log	Formatio	n (Top), Depth	and Datums	s Sample
Samples Sent to Geolo	ogical Survey	[X] Yes No	Name		Тор		Datum
Cores Taken		Yes X No					
Electric Log Run (Submit Copy.)		X Yes No	{	ELEAGF	A		
List All E.Logs Run: Log, Dual Compensate Log, Microresistivit Log	ed Log, Cement	Bond Log, Gamma Ray	SE	E P 2 S 193 A BEARLEIN	IZ ' ATTACHED HERE EEP THIS INFORM MOFT	TO FOR FOR	MATION TOPS
şa. Sanariya 1811	. Report al	CASING RECORD せんじかつじゃ L strings set-conduc		sed ntermediate,	production, et	c.	
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#	430	60/40 Pozmix	225	2% Gel, 2% CC
PRODUCTION	7-7/8	5-1/2"	14#	4784	HLC	50	놔/sk flocele
•					EA-2	75	scavenger slurry- 5% Calseal, 18% salt
	т	MENTING/SQUEEZE REC	ORD	· · · · · · · · · · · · · · · · · · ·			
Purpose: Plugging Perforate	Depth Top Bottom	Type of Cement	#Sacks Used		Type and Percer	t Additive	s
Protect Casing Plug Back TD Plug Off Zone			<u> </u>			v 	
Shots Per Foot	PERFORATION Specify Footag	RECORD - Bridge Plu e of Each Interval P	ugs Set/Type Perforated		Fracture, Shot, d Kind of Mater		ueeze Record Depth
4	4331-35'			500 gal 15	NEFe		4331-351
4	4630-36! Mo	rrow		500 gal 10	% NEFe		4630-361
TUBING RECORD N/A	Size	Set At	Packer At	Liner Run	☐ _{Yes} ☐	No	
Date of First, Resum	ed Production,	SWD or Inj. Produ	cing Method F	owing Pur	nping Gas L	ift Ootl	ner (Explain)
Estimated Production Per 24 Hours	Oil N/A	Bbls. Gas	Mcf Water				Gravity
isposition of Gas:	METHOD OF	COMPLETION	······································	Pro	duction Interv	al	
Vented Sold	Used on Lo	ease Dopen	Hole Perf.	Dually	Comp Comm	ĩng (ềď 🍾	
(If vented, sub	mit ACO-18.)	Other	(Specify)	PSON of Kenses	MOO LE THOUS Notary Public - State	A Par	
				Contra processing con-	Ехрива	- LAY App	· · · · · · · · · · · · · · · · · · ·

CONFIDENTIAL

ORIGINAL

-TIGHT HOLE -

Cross Bar Petroleum #1-28 Erskin 'A'

330' FNL & 2310' FEL Sec. 28-T17S-R32W

Scott County, Kansas

2988' GL: 2983' API: KB:

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15-171-20509-00-00

Contractor:

Mallard JV, Inc. Wellsite Geologist: Steve Davis

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Exhibit A of ACO-1

CONFIDENTIAL

Results of DST #1, 4000-16, Lansing 'B' zone, 30-60-8-0, 1st op-wk blow died in 27 mins., 2nd op-no blow. Flushed tool. No help. Pulled test tool. Recovered 110' WM(30% w-chl 21,500 ppm, 70% M). IHP 1952. IFP 77-62. ISIP 1042, FFP 88-100, FSIP N/A, FHP 1929, BHT 110°F, strap 1.2' short to board. SHS 10

Results of DST #2, 4190-4210', Lansing 'I', 30-60-30-60, 1st op - OB in 3 mins. 2nd op - OB in 4 mins. Recovered 180' MW (55% W, 45%M), 1380' SW, chl 44,500 ppm. IHP 2162, IFP 123-459, ISIP 1074, FFP 526-694, FSIP 1074, FHP 2129, BHT 127°F.

Results of DST #3, 4222-42', Lansing 'J' zone, 30-60-30-60, 1st op - OB 15 mins.; 2nd op - OB in 28 mins. Recovered 60' MW (25%M, 75% W), 528' SW, Chl 50,500 ppm. IHP 2162, IFP 89-213, ISIP 1107, FFP 269-336, FSIP 1107, FHP 2140, BHT 131°F.

Results of DST #4, 4315-40', Pleasanton, 30-60-8-0, 1st op - weak blow, died in 20", 2nd op - no blow, flushed, no help. Recovered 15' DM, IHP 2185, IFP 33-22, ISIP 1107, FFP 45-56, FSIP N/A, FHP 2174. BHT 116°F.

Results of DST #5, 4608-58', Morrow Sand, 60-90-60-120, 1st op - weak blow increased to off bottom of bucket in 45 mins. 2nd op - weak blow increased to 8 inches in 60 mins. Recovered 836' of slight oil cut drilling mud (1% o, 99% m). IHP 2402, IFP 252-284, ISIP N/A, FFP 290-483, FSIP N/A, FHP 2326, BHT 132°F.

Results of DST #6, 4584-4658', Morrow Sand, 27-0-0-0. Recovered 340' drilling mud. IHP 2315, IFP 21-198, (Pulled the tool when found it to be doing the same as DST #5) FHP 2326, BHT 127°F.

Results of DST #7, 4484-4655' (Anchor Straddle), Morrow Sand. Recovered 130' of drilling mud with show of oil. IHP 2344, IFP 35-84, ISIP 1025 building, FFP 91-103, FSIP 988 building, FHP 2322, BHT N/A.

RELEASED

SEP 25 1998

FROM CONFIDENTIAL

CONFIDENTIAL

ORIGINAL

Cross Bar Petroleum #1-28 Erskin 'A'

330' FNL & 2310' FEL Sec. 28-T17S-R32W

Scott County, Kansas

KB:

2988' GL: 2983' API:

Contractor:

Mallard JV, Inc.

Wellsite Geologist: Steve Davis

Exhibit A of ACO-1

15-171-20509-00-00

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MAY 3 0

CONFIDENTIAL

	,		00141 -02 -111 12
LOG TOPS	DEPT	H/SUBSEA	
B/ANHYDRITE	2327	661	
KRIDER	2767	221	
HEEBNER SHALE	3928	-940	
TORONTO	3948	- 960	
LANSING	3973	-985	
LANSING 'B'	4007	-1019	
LANSING 'C'	4024	-1036	
LANSING 'D'	4059	-1071	RELEASED
LANSING 'E'	4067	-1079	
LANSING 'F'	4081	-1093	SEP 2 9 1998
LANSING 'H'	4156	-1168	5
LANSING 'I'	4195	-1207	FROM CONFIDENTIAL
LANSING 'J'	4221	-1233	THOM COM IDENTIAL
STARK	4248	-1260	
LANSING 'K'	4260	-1272	
LANSING 'L'	4296	-1308	
PLEASANTON	4332	-1344	
MARMATON	4371	-1383	
CHEROKEE SHALE	4505	-1517	
MORROW SHALE	4629	-1641	
MORROW SAND	4632	-1644	
MISS UNCOFORMITY	4684	-1696	
ST. LOUIS	NP		مينة شد
ST. LOUIS POROSITY	NP		
SPERGEN	NP		
WARSAW	NP		
VIOLA	NP		~
ARBUCKLE	NP		D
RTD	4790	-1802	a de la companya del la companya de

4793

-1805

KANSAS CORF

-2 A 3:27

, LTD

KCC 011/GAS REGULATORY OFFICE 15-171-20509-00-00 4/2/97 DATE [] New Situation [X] Response to Request OPERATOR Cross Bar Petroleum, Inc. # 4243 [] Follow-up LOCATION NW NW NE ,SEC 28 ,T 17 S P 32 151 N. Main, Ste. 630 NAME ADDRESS Wichita, KS 67202-1407 LEASE Erskin A Well # 1-28 PHONE NO. COUNTY Scott API#15-171-20,509 OPER. 316-265-2279 OTHER REASON FOR INVESTIGATION: Alternate II cement completion PROBLEM: FROM CONFIDENTIAL PERSON(S) CONTACTED: FINDINGS: Port collar at 2320', 8 5/8" at 426', Driller TD 4790', Logger TD 4793', KB 2988' $5\frac{1}{2}$ " at 4784' KB with 125 sx cement. On location at 3 p.m. on 4/2/97. Schlumberger set CIBP at 4002. POE Well Service ran tubing to 2320. Loaded hole with mud, opened port collar, pumped 80 bbl. mud. Halliburton pumped 150 sx Mid-Con II 1/4 floseal, circulated 25 sx cement to pit. Shut port collar, pressured up to 1500#, circulated clean, pulled tubing. Started at 3 p.m. and completed at 7:30 p.m. on 4/2/97 = 1

Retain 1 copy Joint District Office Send 1 copy Conservation Division

ACTION/RECOMMENDATIONS: Alternate II cementing completed.

By______ Kevin Strube ______ 4/2/97

photos taken:

REPORT

Дх

-20509-00-00	OBIGINAL
15-111-21	INFIDENTIAL

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

Al	∃ÉD	CEMENTING COMPANY,	C.
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P. O. BOX 31 RUSSELL, KANSAS 67665

Federal Tax I.D.# 48-0727860
RECEIVED

 II					14.	KANSAS CORP COMM
1	TO:	Cross Bar Petrole	um, Inc.		INVOICE NO	74419 COMP COMM
:		151 N. Hain, \$630		· ·	PURCHASE ORDER	A 3: 27
	•	Wichita, KS 6720	2	<u>.</u>	LEASE NAME	Erskin 1-28
5 7	2.0	r to the first of the second	and the second s		DATE	
				e see	DATE	
l:	SE	RVICE AND MATERIALS AS FOLLOWS:	. VA	Ż		
	e graph to the second	Common 135 sks 05 Pozmix 90 eks 053 GEL-4-sks 059.50 Chloride 7 sks 05	7.20 •15	\$972.00 263.50 38.00 196.00	alfred State Charles	\$1,400.50
The second secon	Discour will be A Paid Wi	Allowed ONLY if thin 30 Days from Invoice.	4¢ per sk pe mi ' 8\$.41¢	236.25 378.00 445.00 53.30 119.70 45.00	RELEASED	1,277.25 \$2,766.75

15-171- 20509-00-00 ALLIEC CEMENTING C)., INC. 4747

REMIT TO P.O. BOX 31 RUSSELL, KANSAS 67665	SERV	VICE POINT:	nciti
DATE 2-1-97 SEC. TWP. RANGE 32 W	CALLED OUT ON LOCATION	JOB START	JOB FINISH
	6:45pm 10:30pm	COUNTY.	2:30A0
OLD OR NEW (Circle one)	3E 5N /2W 55	Scott	KS
CONTRACTOR Mallard Only TYPE OF JOB Surfaced	OWNER Cross		2t
HOLE SIZE /2/4 T.D. 430.		CEMENT	•
CASING SIZE 8 98 DEPTH	AMOUNT ORDERED 225	60/ 2	1 - 2/
TUBING SIZE DEPTH	AMOUNT ORDERED 113	140 31	0CC 460
DRILL PIPE DEPTH			<u> </u>
TOOL DEPTH			
PRES. MAX MINIMUM	COMMON/35	_@ <i>_7.20</i>	972.00
MEAS. LINE SHOE JOINT	POZMIX 90	·@ 3.75	283,50
CEMENT LEFT IN CSG. 15	_GEL 4	@ 9.50	38,00
PERFS. RELEAS	EGEL 4	@ 28.00	196,00
SEP 25		@	
EQUIPMENT GLF 2 3	1779	_@	
FROM CONE	INENTIAL	@	
PUMPTRUCK CEMENTER J. WELFRONT	IDENTIAL	@	
# 224 HELPER B. Norton		@	
BULK TRUCK	HANDLING 225	<u> </u>	236,25
# 1/6 DRIVER B. White	MILEAGE 42 mile	<u> </u>	378,00
BULK TRUCK	and the second second	_	1
# DRIVER	1,00	TOTAL	2103,75
M yed 225 60/40 3/000 2/0 Ad	CONFIDENTIAL SERVICE	,	· · · · · · · · · · · · · · · · · · ·
Caplaced 26 BBL,	DEPTH OF JOB		11115 07
Cement del Circ			<u>445.00</u>
	MILEAGE 42 miles	.@_ <u>.4/</u> .@_2.85	3330
	PLUG 2 cup. 85/8	@ 45.00 =	1/9/10 EUS 00
		@ <u> </u>	33,00
Thanks		@	
make the company of the other contraction and			
CHARGE TO: Cross Bar Petroles		TOTAL	663,00
			•
STREET 151 N. Main #630	FLOAT EQUI	PMENT	
CITY Wichita STATE Ks ZIP 67202			
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the second of th	Walter Barrell	TOTAL _	
والمستقل بعرا والمتجالب والمتحال المستنبين فيراوس فالمتحالين والمتحالية	والمجاري ويعتقب والمعتبل ينتقب أأن فستنقفك والمناهوب عاما المحم		
	~ 0 ~	•	
To Allied Cementing Co., Inc.	TAX	_	_
You are hereby requested to rent cementing equipment	TOTAL CHARGE # 27	66.75	
and furnish cementer and helper to assist owner or	\$ 11150	1	
contractor to do work as is listed. The above work was	DISCOUNT 7/2/0	∠ IF PAID I	IN 30 DAYS
UODE to Satisfaction and silbervision of owner agent of 1	49		es e e e e
done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND contractor."	and the second of the second		1

ORIGINAL

INVOICE

RECEIVED FEB 2 0 1997

15-171-20509-00-000RIGINAL

REMIT TO: P.O. BOX 951046

DALLAS, TX 75395-1046

Corporate FIN 73-0271280

TINVOICE NO. 海绵 表記 DATE (

HALLIBURTON ENERGY SERVICES

A Division of Halliburton Company

\$5,416.67

WELL EASE NO IDDO	VECTOR	,	namounton Company		19601	9 02/1	3/199
WELL LEASE NO PRO	NEO IL PROPERTIE DE LA CONTRACTION DE	S PARTY SOMELL	PROJECT LOCATION	STATE	经的特别的外部(WNER WITE	でははいい
FRESIN "A" 1-28		SCOTT		КS	SAME		
SERVICE LOCATION	CONTR	ACTOR SOLVER	UOB I	PURPOSE !	Mile College Prints	TICKE	T DATE 🎉
2842	MALLARD	 	SHOWN BELOW			02/1	3/199
ACCT. NO.	AGENT MANAGEMENT	VENDOR NO.	CUSTOMER PO	NUMBER	SHIPPE	D.VIA 法传》法	FILE N
CORRESON C LARSON					COMPANY	TRUCK	2052

CONFIDENTIAL

DIRECT CORRESPONDENCE TO:

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

1102 E. 8TH. HAYS KS 67601 913-625-3431

REFERENCE	O. DESCRIPTION	**************************************	OLIANTITY TO SE	STIMPS SEED	The polocomo	Tarang Ampira
	REA - MID CONTINENT		ACCANILITY	OM	THE UNIT PRICES IN	AMOUNT (AMOUNT)
TOP PURPO						
000-117						
安好市 五克子	MILEAGE CEMENTING ROUND	THIP	220		2.99	657.80
001-016	CEMENTING CASING	•		UNT		
	forugation oupling	•	4785		1,820.00	1,820.00
918-317	SUPER FLUSH			UNT		
	CLAYFIX II, PER GAL	• *	12		100.00	1,200.00
030-016	CEMENTING PLUG SW ALUM			CAL	28.00	140.00
- 100 Feb. 100 Feb. 100 Feb.	wasterners en	EU#	5.5		60.00	60.00
504-316	CEMENT - HALL, LIGHT ST	ANTIADO	. 75	EA		
504-308	CEMENT - STANDARD	1 2 2 7 2 2 2 2 2 5 5 5 5 5 5 5 5 5 5 5 5		SK	9.11	683.25
507-210	FLOCELE			LB	10.83	812.25
508-127	CAL SEAL 60	NUC		SK .	ì	31.35
507-775		MAY 3 0	42		25.90	103.60
508-291		MAIJO	42. 11.01 525		7.00	294.00
309-968		CONEILL	ITIAL 500		.40	210.00
	BULK SERVICE CHARGE	COM	176		. 15	90.00
500-306			2.73	wa i Thit	1.35	237.60
	CONTRACTOR OF THE PROPERTY OF	en out to her displays	ver, 200	CILI	1.05	884.50
	INVOICE SUBTOTAL				_	7,224.35
	To T. C.	. 1	ENTERE	n		
	DISCOUNT-(BID)		- 191 FLE	U FEB	2 7 1997	1,950.54-
	INVOICE BID AMOUNT				man l	5,273.81
	\$ _ # \$ N @ 2 @ _ @ m > m >	o paron ma	. 12		3 7	•
	*-KANSAS STATI		RELE	ASED	7 3	118.64
	*-HAYS CITY SA	KAT CAAR				₹ 24.22
•			SEP 2	5 1998	1997 JUN -2	<u> </u>
					<u> </u>	1 Hau pt
			FROM COI	NFIDEN	NTIAL D	
			FUOIN OO	••••		
		•	•		0%	

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 great Halliburton employs an attempt collection applicable.

INVOICE TOTAL - PLEASE PAY THIS AMOUNT =========