Notary Public

Date Commission Expires _

| API NO. 15- 153-20798-00-00

STATE	CORPORATION . & GAS CONS	COMMI 4230	Dri yansh	1 / 1 /
OIL	. & GAS CONS	ERVATI N D	【砂串炉】	INAL
	WELL COMPLI	ETION FORM		
	ACO. 1 UEL	MISTORY		

WELL COMPLETION FORM	County Rawlins
ACO-1 WELL HISTORY DESCRIPTION OF WELL AND LEASE	SW - SE - SE - sec. 25 Twp. 1S Rge. 32 X
Operator: License # 5131	330 Feet from S)N (circle one) Line of Section
Name: Thunderbird Drilling, Inc.	990 Feet from E W (circle one) Line of Section
Address P. O. Box 780407	Footages Calculated from Nearest Outside Section Corner: NE, SE, NW or SW (circle one)
— Wichita, KS 67278	Lease Name Wahrman "B" Well # 1
City/State/Zip	Field Name Wildcat
Purchaser: Koch Oil Co.	Producing FormationLKC
Operator Contact Person: Burke B. Krueger	Elevation: Ground 2883 KB 2888
Phone (<u>316)</u> 685–1441	
Contractor: Name: Abercrombie RTD, Inc.	Total Depth 4100 PBTD 4071
License: 30684	Amount of Surface Pipe Set and Cemented at 307 Fee
Wellsite Geologist:	Multiple Stage Cementing Collar Used? Yes X No.
Designate Type of Completion	If yes, show depth set Fee
X New Well Re-Entry Workover	If Alternate II completion, cement circulated from
X_OilSUDTemp. Abd.	feet depth tow/sx cmt
Gas ENHR SIGW Dry Other (Core, WSW, Expl., Cathodic, etc) Drilling Fluid Management Plan ALT 1 8-16-83
If Workover/Re-Entry: old well info as follows:	(Data must be collected from the Reserve Pit)
Operator:	Chloride content 1000 ppm Fluid volume 700 bbl
Well Name:	Dewatering method used Evaporation
Comp. DateOld Total Depth	
Deepening Re-perf Conv. to Inj/SWD PBTD	Operator Name
Commingled Docket No	Lease NameLicense No
Other (SWD or Inj?) Docket No.	Quarter Sec TwpS RngE/W
7-6-93	County Docket No.
	555,65
Derby Building, Wichita, Kansas 67202, within 120 days of Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of property is a submitted with the submitted with	ll be filed with the Kansas Corporation Commission, 200 Colorado of the 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 ells. Submit CP-111 form with all temporarily abandoned wells.
All requirements of the statutes, rules and regulations promu with and the Statements hereig are complete and correct to	ligated to regulate the oil and gas industry have been fully complied the best of my knowledge.
Net All	
Signature	K.C.C. OFFICE USE ONLY F Letter of Confidentiality Attached
Title Vice President Date 7	7-30-93 C
Subscribed and sworn to before me this $30th$ day of $Jule 93$.	Distribution 5

GLENDA FUNK
Notary Public - State of Kansas
My Appt. Expires A-16-94

4-16-94

K.C.C. OFFICE USE ONLY

F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received S-05-9

Bistribution 5 NGPA

KCC SWD/Rep Other

(Specify)

Form ACO-1 (7-91)

			SIDE TWO				'n
Operator NameTh	underbird	Drilling, Inc.	Lease Name	Wahrm	an "B"	Well # _	1 , 1
		East	County	Rawlin	าร		
Sec. <u>25</u> Twp. <u>1</u>	<u>S</u> Rge. <u>32</u>	West				,	
interval tested, ti	me tool open a s, bottom hole	and base of formation nd closed, flowing a temperature, fluid re opy of log.	and shut-in pres	ssures, wheti	her shut-in pre	ssure reac	hed static level
Drill Stem Tests Tak (Attach Additiona		⊠ _{Yes} □ _{No} e attached repo	ort Name	Formatio	n (Top), Depth	and Datums	Sample Datum
Samples Sent to Geol	ogical Survey	□ Yes □ No			100		Det Com
Cores Taken		☐ Yes ☒ No	See a	ttached r	eport		
Electric Log Run (Submit Copy.)		X Yes . No					
List All E.Logs Run:							
RA Guard Log Neutron/Densit	ty Porosity	Log					
	Report a	CASING RECORD	New U		production, et	c.	
	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs./Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface		8 5/8	24#	301	60-40 Poz	220	2%gel-3%cc
Production		4 1/2	10.5	4099	EA2	150	
<u> </u>		ADDITIONAL	. CEMENTING/SQUE	EZE RECORD		L	
Purpose:	Depth			Type and Percent Additives			
Protect Casing Plug Back TD							
Plug Off Zone							7.
Shots Per Foot		RECORD - Bridge Plu e of Each Interval P			Fracture, Shot,		weeze Record Depth
4 . !	4013-4019			500 gal.	МА		
					ıl 15% NE		
					II IJO NL		
TUBING RECORD	Size 2 3/8	Set At 4000	Packer At	Liner Run	☐ _{Yes} ⊠	No	THE PERSON NAMED OF THE PE
Date of First, Resu		SWD or Inj. Produ	cing Method		aping Gas Li	ift 🗆 oth	er (Explain)
Estimated Productio Per 24 Hours	n 0il 95	Bbls. Gas	Mcf Water No	n Bbls. One	Gas-Oil	Ratio	Gravity 36° API
Disposition of Gas:			THOD OF COMPLETI				roduction Interva
Vented Sold			Holes Perf.	Dually	Comp. Commi	ingled	4013-4019
		year additional	· 10 11 11 11 11 11 11 11 11 11 11 11 11	「 こくなる トー 人 人はなる テー		********	

ORIGINAL

#1 WAHRMAN "B" SW SE SE Sec. 25-1S-32W Rawlins County, KS

Elevation:

Elevation: 2883 GL

2888KB

15-153-20798-00-00

TOPS:	Sample	Log
Anhydrite	2663 + 225	$\frac{26}{62} + 225$
B/Anhydrite	2697 + 191	2697 + 191
Topeka	3635 - 747	3641 - 753
Heebner	3795 - 907	3804 - 916
LKC	3829 - 941	3834 - 946
BKC	4100 -1212	4100 -1212
RTD	4100 -1212	4100 -1212

7-6-93	Moving in and rigging up.
77	Ran 8 5/8, 24# set @ 301' with 220 sx 60-40 Poz, 2% gel,
	3% cc. Plug down @ 2:45 A.M.
78	Drilling at 2,245'
79	Drilling at 3,200'
7-10	DST #1 (Oread & LKC "A" zone) 3748-3850/30-30-30-30.
	Rec. 90' mud, IFP 39-68, FFP 68-78, SIP 1210-1190
7-11	DST #2 ("D" zone) 3844-3910/30-30-30. Rec. 20' oil
	cut mud (10% oil) IFP 29-29, FFP 39-39, SIP 986-916.
7-12	DST #3 ("H" zone) 3935-3995/30-60-45-60. Rec. 60' mud
	w/scum of oil and 420' salt water. IFP 68-136, FFP 146-
	244, SIP 1122-1043.
7-13	DST #4 (J zone) 3986-4030/30-60-45-60. Recovered 339'
	clean gassy oil (36° API) + 120' mud cut oil (60% oil) No
	water. IFP 39-97, FFP 117-205, SIP 1338-1309.
	RTD 4100' Preparing to log.
7-14	Logged. Ran 4 1/2" 10.5# casing set @ 4099 w/150 sx.
	EA2. Completion unit to move in 7-19-93.
7-27	Move in completion unit. Log. Perforate 4013-4019
	w/4 shots per ft. Swabbed 2.5 barrels of oil, no water
	for 1 hr. Acidized w/500 gal M.A. 1 BPM @ 500 psi increased
	to 2 BPM @ 525 psi. On vac. in 12 min. Swabbed load
	E tested 16 barrels of oil per hour, no water from 3600'.
7-28	3,130' of oil in hole. Swabbed down & acidize w/2,000
	gal. 15% NE. Treated 2.5 BPM @ 500 psi. ISI 700 psi,
	on vac. in 15 min. Swab load & test 40 BO, no water from
	3500'/hr. POP.

S. 27

AUG - 5 1993

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I FLE PHONE ALLIED CEMENTING COMPANY, INC P. O. BOX 31 ORIGINAL RUSSELL, KANSAS 67665 Thunderbird Drilling INVOICE NO. 6436 P. O. Box 97 PURCHASE ORDER NO. Ellinwood, KS 67526 LEASE NAME _Wohrman B-1 DATE _____July 6. 1993 SERVICE AND MATERIALS AS FOLLOWS: Common 132 sks @\$6.85 \$904.20 Pozmix 88 sks @\$3.00 264.00 Chloride 7 sks @\$25.00 175.00 Handling 220 sks @\$1.00 220.00 Mileage (25) @\$.04¢ per sk permi 220.00 Surface 430-00 Mi @\$2.25 pmp trk chg 56.25 l plug 42.00 968.25 Total \$2,311.45 - 462,29 Cement circulated 1849.16 Thank you! All Prices Are Net, Payable 30 Days Following Date of Invoice. 11/2% Charged Thereafter.

INVOICE

ENERGY SERVICES

REMIT TO: P.O. BOX 951046

DALLAS. TX 75395-1046

INVOICE NO. DATE

15-153-20799-00-00

WELL/PROJECT LOCATION

07/13/1998 508155 OWNER

WAHRHAN B-1 RAWLINS KS SERVICE LOCATION CONTRACTOR JOB PURPOSE

DRLG OBERLIN ABERCROMBIE CEMENT PRODUCTION CASING 07/13/1993 ACCT: NO VENDOR NO. CUSTOMER P.O. NUMBER SHIPPED VIA FILE NO. 839807 BARTA

53272 COMPANY TRUCK

TICKET DATE

DIRECT CORRESPONDENCE TO:

STATE

THUNDERBIRD DRILLING INC P.O. BOX 780407 WICHITA, KS 67278

FIRST OKLAHOMA TOWER 210 WEST PARK AVENUE SUITE 2050 OKLAHONA CITY, OK 73102-5601

		and the second second		The second secon	
REFERENCE NO.	DESCRIPTION	UANTITY	UM .	ÜNIT PRICE	AMOUNT
PRICING ARI	RA - MID CONTINENT		,	kali kali kali kali kali kali kali kali	
000-117	MILEAGE	2.5	MI	2.75	88.75
•		1	UNT		'
001-016	CEMENTING CASING	4099		1,410.00	1,410.00
030-016	CEMENTING PLUG 5W ALUM TOP	4.5	UNT	45.00	ar on i
The top the the said the	The waster waster as the second of the secon		EA:	43.VV	45.00
213-009	MUD FLUSH	٠,	GAL	. 65	325.00
218-738	CLAYFIX II	2	GAIN	21.50	43.00
504-308	CEMENT - STANDARD	(150	sk/	7.87	1,180.50
500-127	CAL SEAL 60	7	5 X	20.70	144.90
507-775	HALAD-322	St	LB	6.90	386.40 *
507-970	D-AIR 1, POWDER	3.5	LB	3.10	108.50
509-968	SALT	650	LB	, 13	84.50
504-308	CEMENT - STANDARD	1.0	SK	7.87	78.70 *
606-105	POZNIK A	680	and the second second	.06	40.80
506-121	HALLIBURTON-GEL 2%	34		.00	N/C *
	HALLIBURTON-GEL BENTONITE		SK	15.50	7.75
500-207	BULK SERVICE CHARGE	189		1.25	236.25
500-306	MILEAGE CNTG MAT DEL OR RETU	215.76		. 8 5	183.40
			400 M. Jr. 4400	e see de	now sink suit, to the con-
					inn te land sopriose and the supplication and was to be supplied to be got the substitute of the supplied by t
	INVOICE SUBTOTAL				4,343.45
) (DISCOUNT-(BID)				781.79-
	INVOICE BID AMOUNT				3,551.66
Y	ન્કે તેરે રે પહેલાં અને મેન્ટ્ર એક પ્રાથમિક સ્થિત કરો પ્રાથમિક સ્થાપ એક `			15. F. J.	0,001.00
	*-KANSAS STATE SALES TAX		0	4,5	96.92
	*-DECATUR COUNTY SALES T	AX.	. V	, 4	19.78
		,	1 U	**************************************	مام والله مهام المام
f		1	つ	/	Aug -
1					AUG - 5 1993
			Y.		**************************************
	INVOICE TOTAL - PLEASE PAY THIS AM	OUNT ===			-23,678.36
	1 TO 10 TO 1	the section is the			THE WAY IN THE REAL PROPERTY.

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.