

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

Operator: License # 3701  
Name Balcron Oil Company  
Address P. O. Box 21017  
City/State/Zip Billings, MT 59104

Purchaser Koch Oil

Operator Contact Person Alan Townsend  
Phone (406) 259-7860

Contractor: License # 5422  
Name Abercrombie Drilling, Inc.

Wellsite Geologist Copeland J. Landes  
Phone (817) 383-4035

Designate Type of Completion  
 New Well  Re-Entry  Workover  
 Oil  SWD  Temp Abd  
 Gas  Inj  Delayed Comp.  
 Dry  Other (Core, Water Supply etc.)

If ONWO: old well info as follows:  
Operator  
Well Name  
Comp. Date  
Old Total Depth

WELL HISTORY

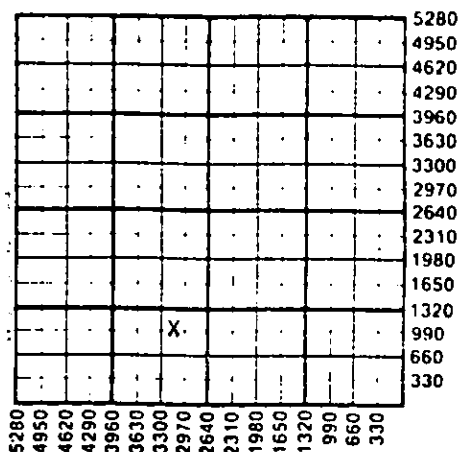
Drilling Method:  
 Mud Rotary  Air Rotary  Cable  
8-08-89 8-15-89 9/11/89  
Spud Date Date Reached TD Completion Date  
3858'  
Total Depth PBD 7-10-91

Amount of Surface Pipe Set and Cemented at 294.30'  
Multiple Stage Cementing Collar Used? Yes No  
If yes, show depth set  
If alternate 2 completion, cement circulated  
from 3845 feet depth to sfc 375 500  
Cement Company Name Halliburton  
Invoice # 835869

API NO. 15-165-21,485-0000  
County Rush  
NE SE SW Sec. 30 Twp 16S Rge. 19 X West  
990 Ft North from Southeast Corner of Section  
3000 Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

Lease Name Spreier Well # 1-30  
Field Name Roland SE  
Producing Formation Arbuckle  
Elevation: Ground 2083' KB 2088'

Section Plat



FEB 12 1990

WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal  
Docket # Repressuring

Questions on this portion of the ACO-1 call:  
Water Resources Board (913) 296-3717

Source of Water:  
Division of Water Resources Permit #  
Groundwater.....Ft North from Southeast Corner  
(Well) .....Ft West from Southeast Corner of  
Sec Twp Rge East West  
X Surface Water.....Ft North from Southeast Corner  
(Stream, pond etc).....Ft West from Southeast Corner  
Sec Twp Rge East West  
Other (explain)  
(purchased from city, R.W.D. #)  
Ralph Pfaff, Box 5, Brownell, KS 67521

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 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 drillers time log shall be attached with this form. 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 James Alan Townsend  
Title Operations Superintendent Date 2/6/90

Subscribed and sworn to before me this 6th day of February 1990.  
Notary Public Roberta L. Schuman  
Date Commission Expires January 25, 1991

K.C.C. OFFICE USE ONLY  
F Letter of Confidentiality Attached  
C  Wireline Log Received  
C  Drillers Timelog Received  
Distribution  
 KCC  SWD/Rep  NGPA  
 KGS  Plug  Other  
(Specify)

ORIGINAL

Operator Name Balcron Oil Company Lease Name Spreier Well # 1-30

Sec. 30 Twp. 16S Rge. 19  East  West County Rush

WELL LOG

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  
 Samples Sent to Geological Survey  Yes  No  
 Cores Taken  Yes  No

Formation Description  
 Log  Sample

DST #1 3,800'-3,833' Arbuckle  
 Times: 15/30  
 IHH 1984 IFP 38-38  
 ISIP 623 FHH 1976  
 Recovery: 5' mud w/oil spots  
 BHT: 115 degrees

DST #2 3,799'-3,843 Arbuckle  
 Times: 15/30/60/120  
 IHH 1992 IFP 54-54  
 ISIP 1037 ISIP 1037  
 FFP 77-85 FSIP 1180  
 FHH 1960 BHT: 118 degrees  
 Recovery: 15' clean oil  
 60' oil cut mud (7% oil)  
 60' oil cut mud (2% oil)

See DST # 3 .....

Name	Top	Bottom
Anhydrite	1,322'	( 766')
Topeka	3,120'	(-1,032')
Heebner	3,420'	(-1,332')
Toronto	3,438'	(-1,350')
LKC	3,462'	(-1,374')
Base KC	3,726'	(-1,638')
Marmaton	3,767'	(-1,679')
Conglomerate	3,814'	(-1,726')
Arbuckle	3,825'	(-1,737')
R T D	3,858'	(-1,770')

DST #3 3,798'-3,858' Arbuckle  
 Times: 15/30/60/120  
 IHH 1936 IFP 46-139  
 ISIP 1172 FFP 186-326  
 FSIP 1172 FHH 1936  
 BHT: 120 degrees  
 Recovery: 310' GIP, 465' CO, 435' OCM (5% oil)

CASING RECORD  New  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 1/2"	8 5/8"	28#	294.30'	60/40poz	180	2% gel, 3% CP
Production		5 1/2"	14#	3845'	60/40poz	175	2% gel, 10% salt, 1/2% sonite per sack
					Econolite	365	1/2# Floccel per sack

Shots Per Foot	Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
Open hole			
	3,845'-58'	500 gals. 15% Hcl.	

TUBING RECORD Size 2 7/8" Set At 3,830' Packer at - Liner Run  Yes  No

Date of First Production 8/30/89 Producing Method  Flowing  Pumping  Gas Lift  Other (explain).....

Estimated Production Per 24 Hours	Oil Bbls	Gas MCF	Water Bbls	Gas-Oil Ratio	Gravity
	32	-	-0-		41

METHOD OF COMPLETION

Production Interval

Disposition of gas:  Vented  Open Hole  Perforation  
 Sold  Other (Specify) ..... 3,845'-58'  
 Used on Lease

Dually Completed  
 Commingled

15-165-21485-0000



DALLAS, TX 75201

INVOICE NO.	DATE
835869	08/15/1989

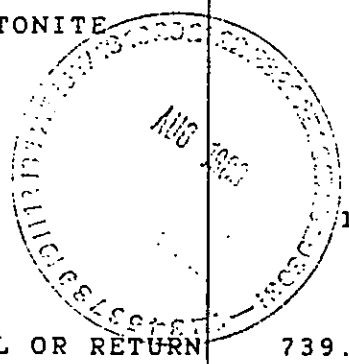
A DIVISION OF HALLIBURTON COMPANY

WELL LEASE NO.		WELL LOCATION		STATE	WELL OWNER	
PRIER 1-30		RUSH		KS	SAME	
SERVICE LOCATION		CONTRACTOR		JOB PURPOSE		TICKET DATE
NESS CITY		ABERCROMBIE		CEMENT PRODUCTION CASING		08/15/1989
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.	
047820	FRANK CLARK			COMPANY TRUCK	81034	

BALCRON OIL CO  
P. O. BOX 21017  
BILLINGS, MT 59104

DIRECT CORRESPONDENCE TO:  
SUITE 600  
COLORADO DERBY BUILDING  
WICHITA, KS 67202-0000

PRICE REF. NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
PRICING AREA - MID CONTINENT					
000-117	MILEAGE	30	MI	2.20	66.00
		1	UNT		
001-016	CEMENTING CASING	3858	FT	1,034.00	1,034.00
		1	UNT		
80	FORM PKR SHOE FLAP VLV 5 1/2"	1	EA	2,400.00	2,400.00 *
855.137					
82	FILL-UP UNIT	1	EA	45.00	45.00 *
855.02543					
593	3-WIPER L-D PLUG - 5 1/2"	1	EA	205.00	205.00 *
801.0374					
40	CENTRALIZER 5-1/2" MODEL S-4	6	EA	44.00	264.00 *
807.93022					
320	CEMENT BASKET 5 1/2"	3	EA	90.00	270.00 *
800.8883					
504-308	STANDARD CEMENT	244	SK	5.45	1,329.80 *
506-105	POZMIX A	131	SK	2.88	377.28 *
506-121	HALLIBURTON-GEL 2%	7	SK	.00	N/C *
507-277	HALLIBURTON-GEL BENTONITE	26	SK	13.00	338.00 *
504-308	STANDARD CEMENT	75	SK	5.45	408.75 *
506-105	POZMIX A	50	SK	2.88	144.00 *
506-121	HALLIBURTON-GEL 2%	2	SK	.00	N/C *
509-968	SALT	599	LB	.073	43.73
507-153	CFR-3	53	LB	3.80	201.40 *
508-291	GILSONITE	1250	LB	.35	437.50 *
507-210	FLOCELE	94	LB	1.21	113.74 *
507-285	ECONOLITE	600	LB	.80	480.00 *
500-207	BULK SERVICE CHARGE	534	CFT	.95	507.30 *
500-306	MILEAGE CMTG MAT DEL OR RETURN	739.065	TMI	.70	517.35 *
INVOICE SUBTOTAL					9,182.85



FEB 12 1990  
INVOICE SUBTOTAL

\*\*\*\*\* CONTINUED ON NEXT PAGE \*\*\*\*\*

TERMS INVOICES PAYABLE NET BY THE 20TH OF THE FOLLOWING MONTH AFTER DATE OF INVOICE. UPON CUSTOMER'S DEFAULT IN PAYMENT OF CUSTOMER'S ACCOUNT BY THE LAST DAY OF THE MONTH FOLLOWING THE MONTH IN WHICH THE INVOICE IS DATED, CUSTOMER AGREES TO PAY INTEREST THEREON AFTER DEFAULT AT THE HIGHEST LAWFUL CONTRACT RATE APPLICABLE BUT NEVER TO EXCEED 18% PER ANNUM. IN THE EVENT IT BECOMES NECESSARY TO EMPLOY AN ATTORNEY TO ENFORCE COLLECTION OF SAID ACCOUNT, CUSTOMER AGREES TO PAY ALL COLLECTION COSTS AND ATTORNEY FEES IN THE AMOUNT OF 20% OF THE AMOUNT OF THE UNPAID ACCOUNT.

15-165-21485-0000

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

**HALLIBURTON**  
SERVICES

A DIVISION OF HALLIBURTON COMPANY

INVOICE NO.	DATE
835869	08/15/1989

WELL LEASE NO.		WELL LOCATION		STATE	WELL OWNER
SPRIER 1-30		RUSH		KS	SAME
SERVICE LOCATION		CONTRACTOR		JOB PURPOSE	
NESS CITY		ABERCROMBIE		CEMENT PRODUCTION CASING	
ACCT. NO.		CUSTOMER AGENT		VENDOR NO.	
047820		FRANK CLARK			
				CUSTOMER P.O. NUMBER	
				SHIPPED VIA	
				COMPANY TRUCK	
				FILE NO.	
				81034	

BALCRON OIL CO  
P. O. BOX 21017  
BILLINGS, MT 59104

DIRECT CORRESPONDENCE TO:  
SUITE 600  
COLORADO DERBY BUILDING  
WICHITA, KS 67202-0000

PRICE REF. NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
	DISCOUNT - (BID)				2,295.68-
	INVOICE BID AMOUNT				6,887.17
	*-KANSAS STATE SALES TAX				256.26
	INVOICE TOTAL - PLEASE PAY THIS AMOUNT				\$7,143.43

RECEIVED  
STATE  
FEB 12 1990  
Wichita, Kansas

TERMS INVOICES PAYABLE NET BY THE 20TH OF THE FOLLOWING MONTH AFTER DATE OF INVOICE. UPON CUSTOMER'S DEFAULT IN PAYMENT OF CUSTOMER'S ACCOUNT BY THE LAST DAY OF THE MONTH FOLLOWING THE MONTH IN WHICH THE INVOICE IS DATED, CUSTOMER AGREES TO PAY INTEREST THEREON AFTER DEFAULT AT THE HIGHEST LAWFUL CONTRACT RATE APPLICABLE BUT NEVER TO EXCEED 18% PER ANNUM. IN THE EVENT IT BECOMES NECESSARY TO EMPLOY AN ATTORNEY TO ENFORCE COLLECTION OF SAID ACCOUNT, CUSTOMER AGREES TO PAY ALL COLLECTION COSTS AND ATTORNEY FEES IN THE AMOUNT OF 20% OF THE AMOUNT OF THE UNPAID ACCOUNT.

FORM 1900 - R1 PAGE: 2



BULK MATERIALS DELIVERY  
AND  
TICKET CONTINUATION

15-165-21485-0000

FOR INVOICE AND TICKET NO. 835869

DATE 8-15-89	CUSTOMER ORDER NO.	WELL NO. AND FARM Spreir #1-30	COUNTY Rush	STATE Kansas
CHARGE TO Balcron	OWNER Same	CONTRACTOR No. B 718421		
MAILING ADDRESS		DELIVERED FROM Hays, Ks	LOCATION CODE 50325	PREPARED BY Kuhn
CITY & STATE		DELIVERED TO W Leibenthal, Ks	TRUCK NO. 3703	RECEIVED BY R. Leighton

PRICE REFERENCE	SECONDARY REF. OR PART NO.	CODE L D	DESCRIPTION	UNITS 1		UNITS 2		UNIT PRICE	AMOUNT	
				QTY.	IMEAS.	QTY.	IMEAS.			
			375 Cu. Ft. Pozmix Cement 10% Gel							
504-308	516.00261	2 B	Standard Cement	244				5.45	1,329	80
506-105	516.00286	2 B	Pozmix 'A'	131				2.88	377	28
506-121	516.00259	2 B	7sk Halliburton Gel @2%							n/e
507-277	516.00259	2 B	Halliburton Gel @8%	26				13.00	338	00
			125 Cu. Ft. Pozmix 2% Gel							
504-308	516.00261	2 B	Standard Cement	75				5.45	408	75
506-105	516.00286	2 B	Pozmix 'A'	50				2.88	144	00
506-121	516.00259	2 B	2sk Halliburton Gel @2%							n/e
509-968	516.00315	2 B	Salt Blended	599	1b			.073	43	73
507-153	516.00116	2 B	CFR-3 Blended	53	1b			3.80	201	40
508-291	70.15573	2 B	Gilsonite Blended	1250	1b			.35	437	50
507-210	890.50071	2 B	Flocele Blended	94	1b			1.21	113	74
507-285	70.15250	2 B	Econolite Blended	600	1b			.80	480	00
			Returned Mileage Charge							
			TOTAL WEIGHT		LOADED MILES		TON MILES			
			SERVICE CHARGE ON MATERIALS RETURNED				CU. FEET			
500-207		2 B	SERVICE CHARGE				534 CU. FEET	.95	507	30
500-306		2 B	Mileage Charge	49,271	30		739.065	.70	517	55
			TOTAL WEIGHT	49,271	LOADED MILES	30	TON MILES			
No. B 718421		CARRY FORWARD TO INVOICE			SUB-TOTAL			4,898 85		

THIS IS NOT AN INVOICE

15-165-21485-0000



# WORK ORDER CONTRACT AND PRE-TREATMENT DATA

ATTACH TO INVOICE & TICKET NO. 835:69

FORM 1908 R-6 A Halliburton Company

DISTRICT Hays Co.

DATE 8-15-89

TO: HALLIBURTON SERVICES YOU ARE HEREBY REQUESTED TO FURNISH EQUIPMENT AND SERVICEMEN TO DELIVER AND OPERATE THE SAME AS AN INDEPENDENT CONTRACTOR TO: Belconn (CUSTOMER) AND DELIVER AND SELL PRODUCTS, SUPPLIES, AND MATERIALS FOR THE PURPOSE OF SERVICING

WELL NO. 1-30 LEASE Spring SEC. 30 TWP. 16 RANGE 19  
FIELD \_\_\_\_\_ COUNTY Rush STATE Ks. OWNED BY Same

### THE FOLLOWING INFORMATION WAS FURNISHED BY THE CUSTOMER OR HIS AGENT

FORMATION NAME \_\_\_\_\_ TYPE \_\_\_\_\_  
 FORMATION THICKNESS \_\_\_\_\_ FROM \_\_\_\_\_ TO \_\_\_\_\_  
 PACKER: TYPE \_\_\_\_\_ SET AT \_\_\_\_\_  
 TOTAL DEPTH 3858 MUD WEIGHT \_\_\_\_\_  
 BORE HOLE \_\_\_\_\_  
 INITIAL PROD: OIL \_\_\_\_\_ BPD, H<sub>2</sub>O \_\_\_\_\_ BPD, GAS \_\_\_\_\_ MCF  
 PRESENT PROD: OIL \_\_\_\_\_ BPD, H<sub>2</sub>O \_\_\_\_\_ BPD, GAS \_\_\_\_\_ MCF

	NEW USED	WEIGHT	SIZE	FROM	TO	MAX. ALLOW. P.S.I.
CASING	<u>U</u>		<u>5 1/2</u>	<u>KB</u>	<u>3849</u>	
LINER						
TUBING						
OPEN HOLE						SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

PREVIOUS TREATMENT: DATE \_\_\_\_\_ TYPE \_\_\_\_\_ MATERIALS \_\_\_\_\_

TREATMENT INSTRUCTIONS: TREAT THRU TUBING  ANNULUS  CASING  TUBING/ANNULUS  HYDRAULIC HORSEPOWER ORDERED  
Cmt 5 1/2" Long String with 375 slt. Ferrolic 1/4" Flare  
125 slt 60 40 por 2 1/2 Gel, 10% Salt,  
1/2% CFR-3, 10" G. L. S. etc

CUSTOMER OR HIS AGENT WARRANTS THE WELL IS IN PROPER CONDITION TO RECEIVE THE PRODUCTS, SUPPLIES, MATERIALS, AND SERVICES

- As consideration, the above-named Customer agrees: THIS CONTRACT MUST BE SIGNED BEFORE WORK IS COMMENCED
- To pay Halliburton in accord with the rates and terms stated in Halliburton's current price lists.
  - Halliburton shall not be responsible for and Customer shall secure Halliburton against any liability for damage to property of Customer and of the well owner (if different from Customer), unless caused by the willful misconduct or gross negligence of Halliburton, this provision applying to but not limited to subsurface damage and surface damage arising from subsurface damage.
  - Customer shall be responsible for and secure Halliburton against any liability for reservoir loss or damage, or property damage resulting from subsurface pressure, losing control of the well and/or a well blowout, unless such loss or damage is caused by the willful misconduct or gross negligence of Halliburton.
  - Customer shall be responsible for and secure Halliburton against any and all liability of whatsoever nature for damages as a result of subsurface trespass, or an action in the nature thereof, arising from a service operation performed by Halliburton hereunder.
  - Customer shall be responsible for and secure Halliburton against any liability for injury to or death of persons, other than employees of Halliburton, or damage to property (including, but not limited to, injury to the well), or any damages whatsoever, irrespective of cause, growing out of or in any way connected with the use of radioactive material in the well hole, unless such damage shall be caused by the willful misconduct or gross negligence of Halliburton.
  - Halliburton makes no guarantee of the effectiveness of the products, supplies or materials, nor of the results of any treatment or service.
  - To the extent permitted by law, waives the provisions of the Deceptive Trade Practices - Consumer Protection Act.
  - Customer shall, at its risk and expense, attempt to recover any Halliburton equipment, tools or instruments which are lost in the well and if such equipment, tools or instruments are not recovered, Customer shall pay Halliburton its replacement cost unless such loss is due to the sole negligence of Halliburton. If Halliburton equipment, tools or instruments are damaged in the well, Customer shall pay Halliburton the lesser of its replacement cost or the cost of repairs unless such damage is caused by the sole negligence of Halliburton. In the case of equipment, tools or instruments for marine operations, Customer shall, in addition to the foregoing, be fully responsible for loss of or damage to any of Halliburton's equipment, tools or instruments which occurs at any time after delivery to Customer at the landing until returned to the landing, unless such loss or damage is caused by the sole negligence of Halliburton.
  - Because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others, Halliburton is unable to guarantee the accuracy of any chart interpretation, research analysis, job recommendation or other data furnished by Halliburton. Halliburton personnel will use their best efforts in gathering such information and their best judgment in interpreting it, but Customer agrees that Halliburton shall not be responsible for any damages arising from the use of such information except where due to Halliburton's gross negligence or willful misconduct in the preparation or furnishing of it.
  - Halliburton warrants only title to the products, supplies and materials and that the same are free from defects in workmanship and materials. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS OR OTHERWISE WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. Halliburton's liability and Customer's exclusive remedy in any cause of action (whether in contract, tort, breach of warranty or otherwise) arising out of the sale or use of any products, supplies or materials is expressly limited to the replacement of such products, supplies or materials on their return to Halliburton or, at Halliburton's option, to the allowance to the Customer of credit for the cost of such items. In no event shall Halliburton be liable for special, incidental, indirect, punitive or consequential damages.
  - Invoices payable NET by the 20th of the following month after date of invoice. Upon Customer's default in payment of Customer's account by the last day of the month following the month in which the invoice is dated, Customer agrees to pay interest thereon after default at the highest lawful contract rate applicable but never to exceed 18% per annum. In the event it becomes necessary to employ an attorney to enforce collection of said account, Customer agrees to pay all collection costs and attorney fees in the amount of 20% of the amount of the unpaid account.
  - This contract shall be governed by the law of the state where services are performed or equipment or materials are furnished.
  - Halliburton shall not be bound by any changes or modifications in this contract, except where such change or modification is made in writing by a duly authorized executive officer of Halliburton.

FEB 12 1990

I HAVE READ AND UNDERSTAND THIS CONTRACT AND REPRESENT THAT I AM AUTHORIZED TO SIGN THE SAME AS CUSTOMER'S AGENT.

SIGNED \_\_\_\_\_ CUSTOMER

DATE \_\_\_\_\_