

MAY 15 1991

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 OWD: 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 PBTD

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

API NO. 15-165-21,485-0000
County Rush FROM CONFIDENTIAL
NE SE SW Sec. 30 Twp. 16S Rge. 19 East
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

Table with 10 columns and 10 rows representing a section plat. The grid contains an 'X' in the 7th row, 7th column. Elevation values are listed on the right side of the grid: 5280, 4950, 4620, 4290, 3960, 3630, 3300, 2970, 2640, 2310, 1980, 1650, 1320, 990, 660, 330.

RECEIVED
MAY 29 1990
STATE CORPORATION COMMISSION
CONSERVATION DIVISION
Wichita, Kansas

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
 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 Time Log Received
Distribution
KCC SWD/Rep NGPA
KGS Plug Other
(Specify)
NP 57014

SIDE TWO

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.

MAY 15 1991

Drill Stem Tests Taken Yes No
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No

Formation Description Log FROM CONFIDENTIAL

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

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 #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)

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)

See DST # 3

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 1/2"	8 5/8"	28#	294.30'	60/40poz	180	2% gel, 3% CF
Production		5 1/2"	14#	3845'	60/40poz	175	2% gel, 10% salt, 1% sonite per sack
					Econolite	365	1# Flocel per sack
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)			
Shots Per Foot	Specify Footage of Each Interval Perforated					Depth	
Open hole							
	3,845'-58'			500 gals. 15% HCl			
TUBING RECORD		Size	Set At	Packer at	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
		2 7/8"	3,830'	-			
Date of First Production	Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (explain).....						
8/30/89							
Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio		Gravity	
	32	-	-0-			41	
	Bbls	MCF	Bbls	CFPB			

METHOD OF COMPLETION

Production Interval

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



WORK ORDER CONTRACT AND PRE-TREATMENT DATA

RELEASED

FORM 1908 R-6

A Halliburton Company

ATTACH TO INVOICE & TICKET NO. 835269

DISTRICT Hays Co.

MAY 15 1991

DATE 8-15-89

TO: HALLIBURTON SERVICES YOU ARE HEREBY REQUESTED TO FURNISH EQUIPMENT AND SERVICES TO DELIVER AND OPERATE

FROM CONFIDENTIAL

THE SAME AS AN INDEPENDENT CONTRACTOR TO: Beckman (CUSTOMER) AND DELIVER AND SELL PRODUCTS, SUPPLIES, AND MATERIALS FOR THE PURPOSE OF SERVICING

WELL NO. 1-30 LEASE Spruce SEC 30 TWP. 16 RANGE 19

FIELD COUNTY Rush STATE KS OWNED BY Samec

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, H2O BPD, GAS MCF PRESENT PROD: OIL BPD, H2O BPD, GAS MCF

Table with columns: CASING, LINER, TUBING, OPEN HOLE, PERFORATIONS. Includes handwritten values like 'NEW USED', 'WEIGHT', 'SIZE', 'FROM', 'TO', 'MAX. ALLOW. P.S.I.', 'SHOTS/FT.'.

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 sk Econolite 1/4" Fracule 125 sk 60 40 por 2 1/2 Gal, 10% Salt, 1/2 90 CFR 3, 10" Econolite

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 (a) To pay Halliburton in accord with the rates and terms stated in Halliburton's current price lists. (b) 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... (k) 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. (l) This contract shall be governed by the law of the state where services are performed or equipment or materials are furnished. (m) 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.

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

SIGNED DATE CUSTOMER

15.165-21485-0000

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



INVOICE NO.	DATE
835869	08/15/19

WELL LEASE NO.		WELL LOCATION		STATE	WELL OWNER	
SPRIER 1-30		RUSH		KS	SAME	
SERVICE LOCATION		CONTRACTOR		JOB PURPOSE		TICKET DATE
NESS CITY		ABERCROMBIE		CEMENT PRODUCTION CASING		08/15/19
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	REF. #	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE
047820	FRANK CLARK				COMPANY TRUCK	810

MAY 15 1991

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

FROM CONFIDENTIAL DIRECT CORRESPONDENCE TO:
501 W. 600th ST. BLDG 100
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

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.

B.165-21485-0000



INVOICE NO.	DATE
835869	08/15/1989

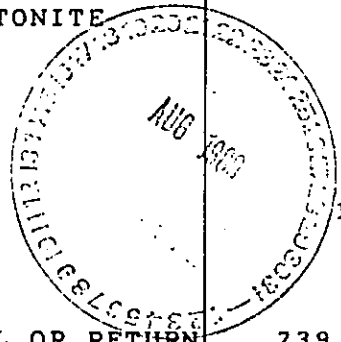
WELL LEASE NO.		WELL LOCATION		STATE	WELL OWNER	
SPRIER 1-30		RUSH		KS	SAME	
SERVICE LOCATION		CONTRACTOR		JOB PURPOSE		TICKET DATE
NESS CITY		ABERCROMBIE		CEMENT PRODUCTION CASING		08/15/1989
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER		SHIPPED VIA	FILE NO.
047820	FRANK CLARK		RELEASED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

MAY 15 1991

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

DIRECT CORRESPONDENCE TO:
FROM CONFIDENTIAL
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



***** 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.