

SIDE ONE

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

API NO. 15- 193-20,488 -0000

County Thomas
110' E. of _____ East
SW SW Sec. 29 Twp. 10S Rge. 32 X West

Operator: License # 5393

2970 Ft. North from Southeast Corner of Section

Name: A. L. Abercrombie, Inc.

2200 Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)

Address 150 N. Main, Suite 801

Lease Name Broeckelman Well # 1

City/State/Zip Wichita, KS 67202

Field Name Un-named

Purchaser: Clear Creek, Inc.

Producing Formation Lansing - KC

Operator Contact Person: Jack K. Wharton

Elevation: Ground 3068' KB 3073'

Phone (316) 262-1841

Total Depth 4690' PBDT 4400'

Contractor: Name: Abercrombie Drilling, Inc.

License: 5422

Wellsite Geologist: Mark R. Galyon

Designate Type of Completion
 New Well Re-Entry Workover

Oil SWD Temp. Abd.

Gas Inj Delayed Comp.

Dry Other (Core, Water Supply, etc.)

If OWMO: old well info as follows:

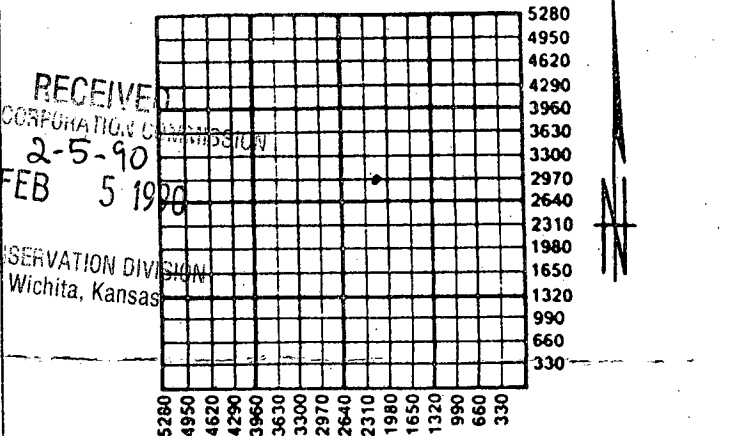
Operator: N/A

Well Name: _____

Comp. Date _____ Old Total Depth _____

Drilling Method:
 Mud Rotary Air Rotary Cable

10-19-89 10-29-89 01-02-90
Spud Date Date Reached TD Completion Date



Amount of Surface Pipe Set and Cemented at 305.50 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set 1819 Feet

If Alternate II completion, cement circulated from 1819'

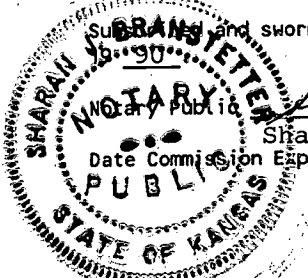
feet depth to surface w/ 300 sx cmt.

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. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells. Any recompletion, workover or conversion of a well requires filing of ACO-2 within 120 days from commencement date of such work.

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 Jack K. Wharton
Title Vice President Date 02-01-90

Subscribed and sworn to before me this 1st day of February,
1990
Notary Public Sharan J. Branstetter
Date Commission Expires May 18, 1993



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)

SIDE TWO

Operator Name A. L. Abercrombie, Inc. Lease Name Broeckelman Well # 1
 Sec. 29 Twp. 10S Rge. 32 East West
 County Thomas

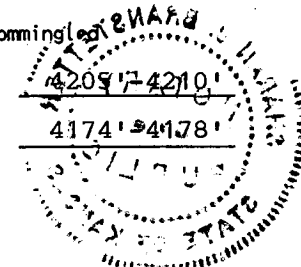
INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, 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.)
 See attached sheet

Formation Description
 Log Sample
 Name Top Bottom
 See attached sheet

CASING RECORD <input type="checkbox"/> New <input 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	12½"	8 5/8"	28#	305.50'	60/40poz	300	2% gel, 3% cc
Production		4½"	10½#	4687'	Mud Flush	500 gal	
					60/40poz	50	2% gel, 7½#
					D-29	200	¾ of 1%
					Thrifty Mx	300	CFR-2
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)		Depth	
4	4205'-4210'			2000 gal 15% Acid		4210'	
4	4174'-4178'			None		4178'	
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No			
Date of First Production		Producing Method					
01-02-90		<input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)					
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity		
	81		17				

Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)
 METHOD OF COMPLETION: Open Hole Perforation Dually Completed Conning
 Production Interval: Other (Specify) _____



A. L. ABERCOMBIE, INC.

ORIGINAL

BROECKELMAN #1
 110' E of SW SW
 Sec. 29-10S-32W
 Thomas County, Kansas

DRILL STEM TESTS

LOG TOPS

*DST #1 (4042'-4080') B & D zones LKC
 30-45-30-45, Rec. 10' mud w/show of oil
 on top.

IFP 31-31 ISIP 1180
 FFP 41-41 FSIP 1160

*DST #2 (4150'-4180') H zone LKC
 30-45-60-45, Rec. 830' gip, 1350' cl.
 gsy oil (37').

IFP 62-218 ISIP 1261
 FFP 270-478 FSIP 1240

*DST #3 (4100'-4130') F & G zones LKC
 (straddle packers)
 30-45-45-45, Rec. 3' cl. oil & 1717'
 water.

IFP 52-415 ISIP 1240
 FFP 467-759 FSIP 1230

*DST #4 (4188'-4213') I zone LKC
 30-45-60-45, Rec. 610' gip, 180' cl.
 gsy oil (39.4%) & 60' gsy ocm (30%
 oil, 25% gas).

IFP 31-52 ISIP 1301
 FFP 62-93 FSIP 1281

*DST #5 (4212'-4235') J zone
 30-45-30-45, Rec. 25' ocm (5% oil)

IFP 20-41 ISIP 1331
 FFP 41-62 FSIP 1291

*DST #6 (4240'-4259') K zone
 30-45-6-45, Rec. 30' ocm (30% oil)

IFP 23-23 ISIP 1184
 FFP 23-23 FSIP 1114

*DST #7 (4271'-4286') L zone
 30-45-30-45, Rec. 11' mud.

IFP 10-10 ISIP 10
 FFP 10-10 FSIP 10

*DST #8 (4463'-4514') Marmaton
 30-45-60-45, Rec. 430' gip, 5' cl.
 oil, 115' gsy ocm (30% oil) 36.4%.

IFP 41-52 ISIP 1120
 FFP 52-72 FSIP 1120

*DST #9 (4522'-4596') Johnson zone
 30-30-30-30, Rec. 25' oil sptd mud.

IFP 20-20 ISIP 41
 FFP 20-20 FSIP 51

Anhydrite	2516'	(+ 497')
B/Anhydrite	2604'	(+ 469')
Heebner	3987'	(- 914')
Lansing	4026'	(- 953')
Muncie Cr.	4157'	(-1084')
Stark Sh.	4242'	(-1169')
B/KC	4306'	(-1233')
Marmaton	4334'	(-1261')
Myrick St.	4469'	(-1396')
Ft. Scott	4496'	(-1423')
Cherokee	4525'	(-1452')
Johnson	4570'	(-1497')
Mississippi	4627'	(-1554')
	4691'	(-1618')

RECEIVED
 STATE CORPORATION COMMISSION

FEB 5 1990

CONSERVATION DIVISION
 Wichita, Kansas



15-193-20488-0000
 P.O. Box 4442, Houston, Tx. 77210
 REMIT TO: P.O. Box 200416, Houston, Tx. 77216

NOV 02 1989
 TERMS NET 30 DAYS FROM DATE OF CONTRACT

DATE 10-30-89 SERVICE CONTRACT NO. 510576

CUSTOMER ACCOUNT NO.	DIST NUMBER 3320	NEW WELL <input type="checkbox"/> WELL OLD WELL <input type="checkbox"/> TYPE 0	JOB NUMBER
CUSTOMER A. L. Obercrumbee Inc.	WELL NO. 1	LEASE Broeckelman	
ADDRESS	COUNTY/PARISH Thomas	CODE	STATE Ks
CITY STATE ZIP	FIELD NAME Obercrumbee Dwg #5		
AUTHORIZED BY Bill Dowling	ORDER NO.	WELL OWNER A. L. Obercrumbee Inc.	

STAGE NO.	TYPE JOB 2 stage	WORKING DEPTH 4687 FT	PUMPING EQUIPMENT	TIME (A OR P)	DATE
TOTAL PREV. GALS.	1 SURFACE <input type="checkbox"/> 2 INTERMEDIATE <input type="checkbox"/> 3 PRODUCTION <input type="checkbox"/> 4 REMEDIAL <input type="checkbox"/>		TRUCK CALLED	12:45 P	MM DD YY 10 30 89
TOTAL MEAS. DEPTH	SIZE HOLE 7 7/8" DEPTH 4690 FT		ARRIVED AT JOB	6:00 P	10 30 89
FT.	SIZE & WT. CASING 4 1/2" 10.5# DEPTH 4687 FT		START OPERATION	11:57 P	10 30 89
PRESSURE	SIZE & WT. DRILL PIPE OR TUBING		FINISH OPERATION	12:00 A	10 31 89
AVG. PS.I. 600	PACKER DEPTH	FLUID PUMPED	TIME RELEASED	3:00 A	10-31-89
MAX. BPM 6			MILES FROM STATION TO WELL 5	SALESMAN NUMBER	

CUSTOMER INSTRUCTIONS FOR DISPOSAL OF RETURNED CEMENT

S/S EMPLOYEE NUMBER 58-1438

ORIGINAL

REMARKS

*102-6725
 1352-08
 Rig #5 - Broeckelman #1
 S/A

RECEIVED
 STATE COMMISSION
 FEB 5 1990
 CONSERVATION DIVISION
 Wichita, Kansas

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered)
 The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of BJ TITAN SERVICES.

PRICE BOOK 07 SIGNED B. E. Sowles (WELL OWNER, OPERATOR, CONTRACT OR AGENT)

PRICE BOOK REF. NO.	QUANTITY	DESCRIPTION	UNIT PRICE	U/M	PRICE EXTENSION
1011010320	1	Pumping charge to 3000'	879.00	ea	879.00
1011010325	1687	Plus per 100' below 3000'	9.80	per 100'	165.33
1011011501	1	2nd stage pumping charge	695.00	ea	695.00
1041101504	420	Class A?	6.00	ea	2520.00
1041150118	130	Poz mix?	3.62	ea	470.60
104201145	2824	Hel	6.75	cut	183.87
1042410105	32	CD-31	3.87	lb.	123.84
1041150182	375	Hilomite	33.00	cut	123.75
1042810185	340	BA-29	9.00	ea	3060.00
1042110105	528	A-2	1.00	ea	528.00

SERVICE REPRESENTATIVE [Signature] THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: X B. E. Sowles

CHECK IF CONTINUATION IS USED (WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

CUSTOMER: This is not an invoice - This Service Operations Contract is subject to review and correction by our Accounting Department.



15-193-20488-0000

CUSTOMER COPY

SERVICE OPERATIONS CONTRACT CONTINUATION

CONTRACT NO. 510576

DATE OF JOB	MM DD YY	DISTRICT	DIST. NO.	AUTHORIZED BY
	10 30 89	Oakley, Ks	3320	Bill Soules
CUSTOMER A. L. Thompson Inc				

PRICE BOOK 07

PRICE BOOK REF. NO.	QUANTITY	DESCRIPTION	UNIT PRICE	U/M	PRICE EXTENSION
1042201015	75	Cellulose	1.27	ea.	95 25
104250110	500	BJ Mud sweep	1.45	gal	725 00
109401101	133	Hauling 26.6 x 5	.70	TM	93 10
108810085	550	Handling + dumping	.95	sk	522 50
10409600	1	4 1/2" Axle shoe (B)	104.00	ea	104 00
10409600	1	4 1/2" Flex Bell insert (B)	161.00	ea	161 00
10409600	1	4 1/2" DV Tread (B)	2573.00	ea	2573 00
10409600	4	4 1/2" Centralizers (B)	41.75	ea	167 00
10409600	3	4 1/2" Cent-style baskets (G)	150.30	ea	450 90
10409600	31	4 1/2" Scratchers (B)	26.10	ea	809 10
		Sub - Total			14,450 24
		- 25% discount			3,612 56
		Total			10,837 68

ORIGINAL

102-6725
1352-08

Wichita, Kansas #1
5/10

RECEIVED
STATE CORPORATE COMMISSION
FEB 5 1990
CONSERVATION DIVISION
Wichita, Kansas

SERVICE REPRESENTATIVE

Barney A.

THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY:

X B E Soules

CHECK IF CONTINUATION IS USED

(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

CUSTOMER: This is not an invoice - This Service Operations Contract is subject to review and correction by our Accounting Department.