

ORIGINAL

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- 065-21,025-~~2~~ 00-01

County Graham

NW SW SE Sec. 27 Twp. 7S Rge. 22 W East West

990' Ft. North from Southeast Corner of Section

4950' Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)

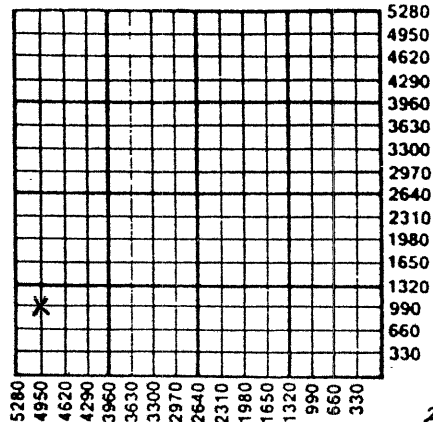
Lease Name B.M. KORB (OWWO) Well # 1-27

Field Name Wildcat

Producing Formation Arbuckle

Elevation: Ground 2239' KB 2244'

Total Depth 3825' PBDT 3650'



AIR II Not done
will P&O

Amount of Surface Pipe Set and Cemented at 3816' Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set 1850 Feet

If Alternate II completion, cement circulated from _____
feet depth to _____ w/ _____ sx cmt.

Operator: License # 6030

Name: Ainsworth Operating Co.

Address P.O. Box 1269

City/State/Zip Colo Springs, CO 80901

Purchaser: NCRA

Operator Contact Person: Al Ainsworth

Phone (719) 576-5300

Contractor: Name: Abercrombie Drilling, Inc.

License: 5422

Wellsite Geologist: Kent Roberts

Designate Type of Completion

New Well Re-Entry Workover

Oil SWD Temp. Abd.

Gas Inj Delayed Comp.

Dry Other (Core, Water Supply, etc.)

If OWWO: old well info as follows:
Operator: Tomlinson Oil Co., Inc.

Well Name: B.M. Korb #1-27

Comp. Date 1/28/79 Old Total Depth 3830'

Drilling Method:
 Mud Rotary Air Rotary Cable

8-28-90 8/30/90 9/17/90
Spud Date Date Reached TD Completion Date

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 [Signature]
Title Vice President Date 11/30/90

Subscribed and sworn to before me this 30th day of November, 19 90.

Notary Public [Signature]
Trisha K. Nolen
Date Commission Expires 10/07/94

STATE CORPORATION COMMISSION
RECEIVED
DEC 5 1990
CONSERVATION DIVISION
KANSAS

12-5-90

K.C.C. OFFICE USE ONLY		
Letter of Confidentiality Attached		
<input checked="" type="checkbox"/>	Wireline Log Received	
<input type="checkbox"/>	Drillers Timelog Received	
Distribution		
<input checked="" type="checkbox"/>	KCC	<input type="checkbox"/> SWD/Rep
<input type="checkbox"/>	KGS	<input type="checkbox"/> Plug
		<input type="checkbox"/> NGPA
		<input type="checkbox"/> Other (Specify)

SIDE TWO

Operator Name Ainsworth Operating Co. Lease Name B.M. Korb (OWWO) Well # 1-27
 Sec. 27 Twp. 7S Rge. 22 East County Graham
 West

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.)

Formation Description		
Name	Top	Bottom
Anhydrite	1840'	
Heebner	3440'	
Lansing	3475'	
BKC	3678'	
Arbuckle	3806'	

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 1/4"	8 5/8"	N/A	247	N/A	N/A	N/A
Production	7 7/8"	4 1/2"	10 1/2#	3816	Std EA-2	150	25# D-Air per sack 10% salt 5# cal-Seal .5% Halad-322

Shots Per Foot	PERFORATION RECORD Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	
		Depth	Depth
4	3671-3674	250 gal 15% MCA	3671-3674
4	3659-3664	250 gal 15% MCA; 1000 gal 15% NE	3659-3664
4	3473-3482	250 gal 15% MCA; 2000 gal 15% FE	3473-3482

TUBING RECORD Size 2 3/8 Set At 3595 Packer At None Liner Run Yes No

Date of First Production 9/17/90 Producing Method Flowing Pumping Gas Lift Other (Explain)
 Estimated Production Per 24 Hours Oil 2 Bbls. Gas 0 Mcf Water 30 Bbls. 0 Gas-Oil Ratio 34.4 Gravity

Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)
METHOD OF COMPLETION Open Hole Perforation Dually Completed Commingled
 Other (Specify) _____ Production Interval 3473 to
3482

CUSTOMER COPY



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

INVOICE

HALLIBURTON SERVICES

A Halliburton Company

INVOICE NO.	DATE
006003	08/30/1990

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER
BM KORB 1-27		GRAHAM		KS	SAME
SERVICE LOCATION		CONTRACTOR		JOB PURPOSE	
HAYS		ABERCROMBIA DRLG.		CEMENT PRODUCTION CASING	
TICKET DATE					
08/30/1990					
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
008594	MIKE STATON			COMPANY TRUCK	00816

15-065-21025-0001

A AINSWORTH
P. O. BOX 1269
COLORADO SPRINGS, CO 80901

DIRECT CORRESPONDENCE TO:
SUITE 1300
LIBERTY TOWER
100 BROADWAY AVENUE
OKLAHOMA CITY, OK 73102-0000

PRICE REF. NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
PRICING AREA - MID CONTINENT					
000-117	MILEAGE	39	MI	2.35	91.65
		1	UNT		
001-016	CEMENTING CASING	3816	FT	1,145.00	1,145.00
		1	UNT		
030-016	CEMENTING PLUG SW ALUM TOP	4	1/2 IN	32.00	32.00
		1	EA		
018-317	SUPER FLUSH	10	SK	74.00	740.00
12A	GUIDE SHOE - 4 1/2" 8RD THD.	1	EA	83.00	83.00
825.201					
24A	1	1	EA	73.00	73.00
815.19101					
27	FILL-UP UNIT 4 1/2"-5"	1	EA	27.50	27.50
815.19111					
66	FASGRIP LIMIT CLAMP 4 1/2"	1	EA	9.60	9.60
807.64021					
320	CEMENT BASKET 4 1/2"	1	EA	85.00	85.00
800.8881					
40	CENTRALIZER 4-1/2" MODEL S-4	7	EA	41.00	287.00
807.93004					
73	F.O. MULT STAGE CMTR 4 1/2" 8RD	1	EA	1,350.00	1,350.00
813.0141					
60	ROTO WALL CLEANER 2 1/8" SPIKE	20	EA	22.00	440.00
807.0007					
504-308	STANDARD CEMENT	165	SK	6.75	1,113.75
509-968	SALT	902	LB	.10	90.20
508-127	CAL SEAL	8	SK	19.70	157.60
507-775	HALAD-322	76	LB	5.75	437.00
500-207	BULK SERVICE CHARGE	189	CFT	1.10	207.90
500-306	MILEAGE CMTG MAT DEL OR RETURN	337.116	TMI	.75	252.84
INVOICE SUBTOTAL					6,623.04

***** 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 10% OF THE AMOUNT OF THE UNPAID ACCOUNT.



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P.O. BOX 951046
DALLAS, TX 75395-1046

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ORIGINAL

A Halliburton Company

INVOICE NO.	DATE
006003	08/30/1990

WELL LEASE NO./PLANT NAME	WELL/PLANT LOCATION	STATE	WELL/PLANT OWNER		
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SERVICE LOCATION	CONTRACTOR	JOB PURPOSE	TICKET DATE		
HAYS	ABERCROMBIA DR LG.	CEMENT PRODUCTION CASING	08/30/1990		
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
008594	MIKE STATON			COMPANY TRUCK	00816

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P. O. BOX 1269
COLORADO SPRINGS, CO 80901

DIRECT CORRESPONDENCE TO:
SUITE 1300
LIBERTY TOWER
100 BROADWAY AVENUE
OKLAHOMA CITY, OK 73102-0000

PRICE REF. NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
	DISCOUNT-(BID)				1,655.74-
	INVOICE BID AMOUNT				4,967.30
	*-KANSAS STATE SALES TAX				145.25
	*-HAYS CITY SALES TAX				17.09
<p>15-065-21025-00-01</p> <p>RECEIVED STATE CORPORATION COMMISSION DEC 5 1990 CONSERVATION DIVISION Wichita, Kansas</p>					
INVOICE TOTAL - PLEASE PAY THIS AMOUNT					\$5,129.64

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.