

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

Operator: License # 6926  
Name: Advantage Resources, Inc.  
Address 1775 Sherman Street  
Suite 1375  
City/State/Zip Denver, Colorado 80203

Purchaser: \_\_\_\_\_  
Operator Contact Person: Louis C. Bortz  
Phone (303) 831-1912  
Contractor: Name: Duke Drilling Co., Inc.  
License: 5929  
Wellsite Geologist: Jon T. Williams

Designate Type of Completion  
 New Well  Re-Entry  Workover  
 Oil  SWD  S10W  Temp. Abd.  
 Gas  EXHR  S16W  
 Dry  Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-Entry: old well info as follows:

Operator: \_\_\_\_\_  
Well Name: \_\_\_\_\_  
Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_  
\_\_\_\_\_ Deepening \_\_\_\_\_ Re-perf. \_\_\_\_\_ Conv. to Inj/SWD  
\_\_\_\_\_ Plug Back \_\_\_\_\_ PBTB  
\_\_\_\_\_ Cemented \_\_\_\_\_ Docket No. \_\_\_\_\_  
\_\_\_\_\_ Dual Completion \_\_\_\_\_ Docket No. \_\_\_\_\_  
\_\_\_\_\_ Other (SWD or Inj?) \_\_\_\_\_ Docket No. \_\_\_\_\_  
11-13-92 11-21-92 1-15-93  
Spud Date Date Reached TD Completion Date

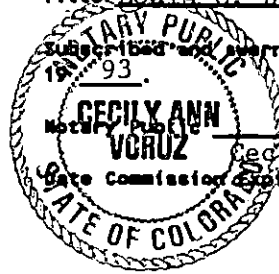
API NO. 15- 097-21,339-0000  
County Kiowa  
NE NE SW SE Sec. 7 Twp. 28S Rge. 17  NW  
1240 Feet from SW (circle one) Line of Section  
400 1400 Feet from SW (circle one) Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
NE, SE NW or SW (circle one)  
Lease Name Keller-Bates Well # 1  
Field Name Hardy Extension  
Producing Formation Miss. Chat (Osage)  
Elevation: Ground 2192 KB 2201  
Total Depth 4858 PBTB 4843  
Amount of Surface Pipe Set and Cemented at 512 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from 512  
feet depth to surface w/ 280 sx cat.  
Drilling Fluid Management Plan Out 1 3-3-93  
(Data must be collected from the Reserve Pit)  
Chloride content 42,000 ppm Fluid volume 2400 bbls  
Dewatering method used Vacuum truck  
Location of fluid disposal if hauled offsite: \_\_\_\_\_  
Operator Name Peter Beren  
Lease Name V. H. Koehn License No. 3051  
SW Quarter Sec. 28 Twp. 29 S Rge. 18  NW  
County Kiowa Docket No. D-5617

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas, 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 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 geologist well report 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.

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 Louis C. Bortz  
Title Louis C. Bortz, Vice President Date 2/16/93

RECEIVED 2-18-93  
STATE CORPORATION COMMISSION  
K.C.C. OFFICE USE ONLY  
Letter of Confidentiality Attached   
Wireline Log Received   
Geologist Report Received   
Distribution  
 KCC  SUD/Rep  KGA  
 KCS  Plug  Other (Specify)



Cecily Ann Voruz  
Notary Public  
State of Colorado  
Expires January 27, 1994

10190

SIDE TWO

Operator Name Advantage Resources, Inc.

Lease Name Keller-Bates

Well # 1

Sec. 7 Twp. 28S Rge. 17  
 East  
 West

County Kiowa

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.)

List All E. Logs Run:

Dual Induction  
Neutron/Density Porosity

Log Formation (Top), Depth and Datum  Sample

Name	Top	Datum
Anhydrite	1106	+1095
Heebner	4018	-1817
Lansing	4202	-2001
B/Kansas City	4571	-2370
Miss. Chat	4756	-2555
Kinderhook	4794	-2593
TD	4858	-2657

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	23	512	Poz mix	280	2% gel. 3% Cel
Production	7 7/8	4 1/2	10.5	4858	EA-2	250	10% Salt
							5# Cal-Seal/Sack
							5# Gil/Sack

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				.5% Halad 322
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
2	4757 - 4774	1700 gal. 15% Fe	4757-4774
		Frac'd with 36,500# sand	4757-4774

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2 3/8	4698.94'	N/A	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj.	Producing Method <input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			
Estimated Production Per 24 Hours	Oil	Bbls.	Gas 145 Mcf	Water Bbls. Gas-Oil Ratio Gravity

Disposition of Gas:

Vented  Sold  Used on Lease  
(If vented, submit ACD-18.)

METHOD OF COMPLETION

Open Hole  Perf.  Dually Comp.  Commingled  
 Other (Specify) \_\_\_\_\_

Production Interval

4757-4774

ORIGINAL

Advantage Resources / Schulein Company  
Keller Bates #1

DRILL STEM TESTS

1. DST #1 4744-4799 15-60-60-120  
Off bottom bucket in 30 sec. (1st Open)  
Off bottom bucket immediately. (2nd Open)  
GTS in 35 min.  
Gauge: 45 min. 4,000 cfg  
55 min. 5,310 cfg  
Recovery: 70' Slightly oil spotted mud  
ISIP 1281 FSIP 1461 IFP 30-75 FFP 60-75  
IHSP 2455 FHSP 2455 BHT 128 degrees
  
2. DST #2 4814-4858 15-60-60-120  
Weak blow to 2" (1st Open)  
Weak blow to 1" (2nd Open)  
Recovery: 1 Qt Oil  
30' Mud  
90' Water  
ISIP 1493 FSIP 1387 IFP 75-75 FFP 107-107  
IHSP 2562 FHSP 2455 BHT 130 degrees

RECEIVED  
REGISTRATION COMMISSION

FEB 18 1993

CONSERVATION DIVISION

Phone 913-483-2627, Russell, Kansas  
 Phone 316-793-5861, Great Bend, Kansas

Phone Plainville 913-434-2812  
 Phone Ness City 913-798-3843

ORIGINAL

# ALLIED CEMENTING CO., INC.

2857

Home Office P. O. Box 31

Russell, Kansas 67665

*Dew*

11-13-92

11-14-92

Date	Sec.	Twp.	Range	Called Out	On Location	Job Start	Finish
11-13-92	7	28	17	5:00PM	10:00PM	12:00AM	1:00AM

Lease	Well No.	Location	County	State
Kellar - Bate	#1	Brenham 1/2 W, 2 W, 2 W, N/4 to	Lincoln	KS

Contractor: *Duke Rig #4*

Owner: *Advantage Resources*

Type Job: *Surface*

To Allied Cementing Co., Inc.  
 You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.

Hole Size: *12 1/4"* T.D. *525'*

Csg. *8 3/8"* Depth *512'*

Tbg. Size \_\_\_\_\_ Depth \_\_\_\_\_

Drill Pipe \_\_\_\_\_ Depth \_\_\_\_\_

Tool \_\_\_\_\_ Depth \_\_\_\_\_

Cement Left in Csg. *15'* Shoe Joint \_\_\_\_\_

Press Max. \_\_\_\_\_ Minimum \_\_\_\_\_

Meas Line \_\_\_\_\_ Displace *32 bbl*

Perf. \_\_\_\_\_

Charge To: *Duke*

Street \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_

The above was done to satisfaction and supervision of owner agent or contractor.

Purchase Order No. \_\_\_\_\_

X *[Signature]*

CEMENT

Amount Ordered *280 SKS 60/40 3% CC, 2% GE*

Consisting of \_\_\_\_\_

EQUIPMENT		
Pumptrk #181	Cementer	<i>TIM</i>
	Helper	<i>Cary</i>
Pumptrk #208	Cementer	
	Helper	
Bulktrk #208	Driver	<i>JACK</i>
	Driver	

Common \_\_\_\_\_

Poz. Mix \_\_\_\_\_

Gel. \_\_\_\_\_

Chloride \_\_\_\_\_

Quickset \_\_\_\_\_

Handling \_\_\_\_\_

Mileage \_\_\_\_\_

Sub Total \_\_\_\_\_

Total \_\_\_\_\_

Floating Equipment \_\_\_\_\_

DEPTH of Job	
Reference:	<i>Pumptrk Charge</i>
	<i>Pumptrk Mileage</i>
	<i>8 3/8" Wooded Plug</i>
	Sub Total
	Tax
	Total

Remarks: *Cement Did Circulate*

*Rig Drilling upon Arrival*

*[Signature]*

*Allied Cementing By Tim Dickson*

RECEIVED  
 STATE REGISTRATION COMMISSION  
 FEB 18 1993  
 INSURANCE DIVISION

ORIGINAL



ORIGINAL

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

INVOICE

HALLIBURTON SERVICES

15350

A Halliburton Company

INVOICE NO.	DATE
214917	11/21/19

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER
KELLER-BATES 1 22301-01		KIOWA		KS	SAME
SERVICE LOCATION		CONTRACTOR	JOB PURPOSE		TICKET DATE
PRATT		DUKE DRILLING RIG 4	CEMENT PRODUCTION CASING 71820		11/21/19
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE
007546	D P			COMPANY TRUCK	420

ADVANTAGE RESOURCES INC  
1775 SHERMAN SUITE 1375  
DENVER, CO 80203

DIRECT CORRESPONDENCE TO:  
FIRST OKLAHOMA TOWER  
210 WEST PARK AVENUE  
SUITE 2050  
OKLAHOMA CITY, OK 73102-5601

PRICE/REF. NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
PRICING AREA - EASTERN AREA1					
000-117	MILEAGE	30	MI	2.60	78.0
		1	UNT		
001-016	CEMENTING CASING	4866	FT	1,365.00	1,365.0
		1	UNT		
030-016	CEMENTING PLUG 5W ALUM TOP	4	1/2 IN	35.00	35.0
		1	EA		
018-317	SUPER FLUSH	12	SK	98.00	1,176.0
12A	GUIDE SHOE - 4 1/2" 8RD THD.	1	EA	95.00	95.0
825.201					
24A	INSERT FLOAT VALVE - 4 1/2" 8RD	1	EA	73.00	73.0
815.19101					
27	FILL-UP UNIT 4 1/2"-5"	1	EA	27.50	27.5
815.19113					
320	CEMENT BASKET 4 1/2"	1	EA	85.00	85.0
800.8881					
40	CENTRALIZER 4-1/2" X 7 7/8"	12	EA	43.00	516.0
807.93004					
504-308	STANDARD CEMENT	250	SK	6.56	1,640.0
509-968	SALT	1200	LB	.10	120.0
508-291	GILSONITE BULK	1250	LB	.35	437.5
508-127	CAL SEAL	13	SK	19.70	256.1
507-775	HALAD-322	118	LB	6.30	743.4
506-207	BULK SERVICE CHARGE	309	CFT	1.15	355.0
500-306	MILEAGE CMTG MAT DEL OR RETURN	393.57	TMI	.80	314.9
INVOICE SUBTOTAL					7,317.0
DISCOUNT-(BID)					1,317.0
INVOICE BID AMOUNT					6,000.0
*-KANSAS STATE SALES TAX					174.0
***** 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 THE FEDERAL RESERVE RATE IN EFFECT AT THE TIME OF DEFAULT AND TO EMPLOY AN ATTORNEY TO