

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

Operator: License # 6926

Name: Advantage Resources, Inc.

Address 1775 Sherman St.,  
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  SIOW  Temp. Abd.  
 Gas  EMHR  SIGW  
 Dry  Other (Core, WSM, 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  PBTD  
 Commingled  Docket No. \_\_\_\_\_  
 Dual Completion  Docket No. \_\_\_\_\_  
 Other (SWD or Inj?) Docket No. \_\_\_\_\_

12-4-92 12-14-92 1-14-93

Spud Date Date Reached TD Completion Date

API NO. 15- 097- 21,347- 0000

County Kiowa

NE SW SW Sec. 18 Twp. 28S Rge. 17  <sup>E</sup> <sub>W</sub>

1300 Feet from  (circle one) Line of Section

1200 Feet from  (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
NE, SE, NW or  (circle one)

Lease Name Byrd Hardy Wells 2

Field Name Hardy

Producing Formation Miss. Chat (Osage)

Elevation: Ground 2201 KB 2210

Total Depth 4900 PBTD 4841

Amount of Surface Pipe Set and Cemented at 474 Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from 474

feet depth to surface w/ 280 sx cat.

Drilling Fluid Management Plan ALT 1 3-383  
(Data must be collected from the Reserve Pit)

Chloride content 62,000 ppm Fluid volume 2700 bbls

Dewatering method used Evaporation

Location of fluid disposal if hauled offsite: \_\_\_\_\_

Operator Name \_\_\_\_\_

Lease Name \_\_\_\_\_ License No. \_\_\_\_\_

Quarter Sec. Twp. S Rng. E/W

County \_\_\_\_\_ Docket No. \_\_\_\_\_

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

Submitted to before me this 16th day of February  
Notary Public Cecily Ann Voruz  
Cecily Ann Voruz  
January 27, 1994



RECEIVED  
STATE CORPORATION COMMISSION  
K.C.C. OFFICE USE ONLY  
F Letter of Confidentiality Attached  
C Wireline Log Received  
C Geologist Report Received  
FEB 18 1993  
CONSERVATION DIVISION  
Wichita, Kansas  
KCS  
Distribution  
SVD/Rep \_\_\_\_\_ KSPA  
Plug \_\_\_\_\_ Other \_\_\_\_\_  
(Specify)

P1

ORIGINAL

SIDE TWO

Operator Name Advantage Resources, Inc. Lease Name Byrd Hardy Well # 2  
 Sec. 18 Twp. 28S Rge. 17  East County Kiowa  
 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 (Attach Additional Sheets.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Anhydrite	1122	+1088
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Heebner	4054	-1844
List All E.Logs Run:		Lansing	4225	-2015
Dual Induction		B/Kansas City	4608	-2398
Density/Neutron Porosity		Miss. Chat	4788	-2578
		Kinderhook	4828	-2618
		TD	4900	-2690

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	12 1/4	8 5/8	23	474	poz mix	280	2% gel. 4% CC
Production	7 7/8	4 1/2	10.5	4888	Surfill	195	-

ADDITIONAL CEMENTING/SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<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	Acid, Fracture, Shot, Cement Squeeze Record
	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used) Depth
2	4788 - 4810	2000 gal 15% NE-FE 4788-4810
		Frac'd with 36,500# sand 4788-4810

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STATE CORPORATION COMMISSION

TUBING RECORD	Size 2 3/8	Set At 4701.87'	Packer At -	Linear Run FEB 18 1993 <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumed Production, SVD or Inj.	Producing Method <input checked="" type="checkbox"/> Flow (INSER PERM DIVISION KANSAS)		<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
		270		

Disposition of Gas:  Vented  Sold  Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION:  Open Hole  Perf.  Dually Comp.  Commingled  Other (Specify) \_\_\_\_\_

Production Interval: 4788-4810

ORIGINAL

D.S.T. #1 4768-4832

Tool open 15", shut in 60", open 60", shut in 120".

Tool open with strong blow. Gas to surface in 7"  
gauged 595 MCFD. 15" 654 MCFD.

2nd open:

10" gauged 595 M.C.F.

20" gauged 595 M.C.F.

30" gauged 595 M.C.F.

40" gauged 565 M.C.F.

50" gauged 539 M.C.F.

60" gauged 539 M.C.F.

Recovered: 150' slightly gas cut mud.

1st I.F.F.P. 157/147

2nd I.F.F.P. 157/147

I.F.S.I.P. 1414/1300

I.F.H.P. 2492/2491

RECEIVED  
STATE CORPORATION COMMISSION

FEB 18 1993

CONSERVATION DIVISION

172 348

Phone 913-283-2627, Russell, Kansas  
 Phone 316-793-5861, Great Bend, Kansas

ORIGINAL

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

**ALLIED CEMENTING CO., INC.**

3469

Home Office P. O. Box 31

Russell, Kansas 67665

New

Date	12-5-92	Sec.	18	Trp.	285	Range	17	Called Out	10:00 am	On Location	1:00 pm	Job Start	2:30 pm	Finish	3:30 pm
Case	Bird Hardy	Well No.	2	Location	Mountain	Well	Sino	County	Rio	State	Ks				

Contractor	Duke		
Type Job	Surf Pore		
Hoie Size	12 1/4	T.D.	425
Qty.	8 5/8	Depth	425
Fig. Size		Depth	
Drill Pipe		Depth	
Foot		Depth	
Cement Left in Csg.	1'	Shoe Joint	
Press Max.		Minimum	
Meas Line		Displace	29.41
Perf.			

Owner	<del>State</del> Advantage
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.	
Charge To	Duke Drilling Inc
Street	Box 823
City	Great Bend, Ks
The above was done to satisfaction and supervision of owner agent or contractor.	
Purchase Order No.	
X	Advantage
	CEMENT
Amount Ordered	280 @ 1/4 244

**EQUIPMENT**

Pumpjack	No. 175	Cementer	Don H
		Helper	Ken R
Pumpjack	No.	Cementer	
		Helper	
		Driver	Jack S
Bulkhead	179		
Bulkhead		Driver	

Consisting of			
Common	168	5.50	924.00
Pos. Mix	112	3.50	392.00
Gel.	10	6.75	67.50
Chloride	11	21.00	231.00
Quickset			
Handling	280	1.00	280.00
Mileage	28		313.60
Sub-Total			
Total			2028.60

DEPTH of Job	Pump Jack	
Reference:	1- <del>179</del>	380.00
	28 Mileage	56.00
	Plug	42.00
	175' at .39	68.25
	Total	546.25

Flooring Equipment	
Total	\$ 2574.85
RECEIVED	511.97
STATE COMMISSION	
FEB 18 1993	2059.88
CONSERVATION DIVISION	

Remarks: Cement did circulate TO BOTTOM OF collar BY Allied cementing  
 Thanks Don

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.

3384

Home Office P. O. Box 31 Russell, Kansas 67665

Date	12/15/92	Sec.	18	Twp.	28S	Range	17W	Called Out	4:30 PM	On Location	10:30 PM	Job Start	5:15 AM	Finish	5:45 AM
Lease	B. HARDY	Well No.	2	Location	BRENNHAM ELEVATOR 3/4 W 9 S			County	KIOWA	State	KANSAS				

Contractor	DUKE DRUG #5	Owner	ADVANTAGE RESOURCES INC.
Type Job	PRODUCTION CASING	To Allied Cementing Co., Inc. You are hereby requested to rent cementing equipment and furnish cement and helper to assist owner or contractor to do work as listed.	
Hole Size	7 7/8"	T.D.	4900'
Csg.	4 1/2" 10 S#	Depth	4389'
Tbg. Size		Depth	
Drill Pipe		Depth	
Tool Joint		Depth	
Cement Left in Csg.		Shoe Joint	12.87'
Press Max.		Minimum	
Meas Line		Displace	266
Perf.	EQUIPMENT		

Charge To	ADVANTAGE RESOURCES INC.
Street	177 S. SHERMAN ST. ST. 137 S
City	DENVER
State	COLORADO 80203
The above was done to satisfaction and supervision of owner agent or contractor.	
Purchase Order No.	
X	<i>[Signature]</i>
Amount	500 BAGS. BT MUD SWEEP
Ordered	19 S# A. S. C.
Consisting of	

No.	Cement	<i>K. BRUNGARDT</i>
Pumptrk 234	Helper	<i>C. BAUDING</i>
No.	Cement	
Pumptrk	Helper	
	Driver	<i>M. WOLF</i>
Bulktrk 257	Driver	

Common	195 @ 7.50	1462.50
Poz. Mix		
Gel.		
Chloride		
Quickset		
Mud Sweep	500 gal @ 1.73	865.00
Handling	195 @ 1.00	195.00
Mileage	195 @ .04 @ 28	218.40

DEPTH of Job	Reference	Amount
	1 " PUMP CHARGE TO	880.00
	28 MILEAGE ON PUMP	56.00
	1 " 4 1/2" TOP RUBBER PUG	33.00
	Sub-Total	
	Tax	
	Total	969.00

TOTAL	4477.90
Disc	895.58
Total	3582.32
Floating Equipment	
1-4 1/2" GUIDE SHOE-W	109.00
1-4 1/2" REU INSERT-W	169.00
10 STAINLESS STEEL CORP. COMMISSION	
1-4 1/2" ROTATING HEAD	60.00

Remarks:

**NO WARRANTY ON FLOAT EQUIPMENT**

RECEIVED  
 10 STAINLESS STEEL CORP. COMMISSION  
 FEB 18 1993

OFFICE DIVISION  
 # 768.00