

ORIGINAL

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. 1977  
Address 1775 Sherman St., Ste. 1375  
Denver CO 80203  
City/State/Zip

Purchaser:  
Operator Contact Person: Louis C. Bortz  
Phone (303) 831-1912  
Contractor: Name: Duke Drilling Co., Inc.  
License: 5929  
Wellsite Geologist: J. E. Jespersen

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

If Workover/Re-Entry: old well info as follows:  
Operator: STATE CORPORATION COMMISSION OF KANSAS  
Well Name: 3-14-94  
Comp. Date 12/09/93 Old Total Depth 2/17/93  
 Deepening  Re-perf.  Conv. to Inj/SWD  
 Plug Back  PBDT  Other (SWD or Inj?)  
Docket No. 3/3/94  
Spud Date 12/09/93 Date Reached TD 2/17/93 Completion Date 3/3/94

API NO. 15- 097-21360 - 0000  
County KIOWA  
SW NE NW Sec. 19 Twp. 28 Rge. 17 E  
700 Feet from S (circle one) Line of Section  
1900 Feet from E (circle one) Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
NE, SE, NW or SW (circle one)  
Lease Name E. Wynona Ross Well # 1  
Field Name Hardy  
Producing Formation Mississippi Chat  
Elevation: Ground 2202 KB 2211  
Total Depth 4940 PBDT 4886  
Amount of Surface Pipe Set and Cased at 482 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set 1102-1105 feet Feet  
If Alternate II completion, cement circulated from 482  
feet depth to surface w/ 280 sx cement.  
Drilling Fluid Management Plan ALT 2 JH 6-15-94  
(Data must be collected from the Reserve Pit)

Hydrocarbon content 42,000 ppm Fluid volume 1928 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 Vice President Date 3-10-94  
Subscribed and sworn to before me this 10th day of March  
19 94  
Notary Public Sharon R. McDonald  
Date Commission Expires February 18, 1996

K.C.C. OFFICE USE ONLY  
F  Letter of Confidentiality Attached  
C  Wireline Log Received  
C  Geologist Report Received  
Distribution  
 XCC  SWD/Rep  XGPA  
 XGS  Plug  Other (Specify)

P1

Operator Name ADVANTAGE RESOURCES, INC. Lease Name E. Wynona Ross Well # 1  
 East County Kiowa  
 Sec. 19 Twp. 28 Rge. 17  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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Anhydrite	1120	+1091
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Heebner	4067	-1856
List All E.Logs Run:		Lansing	4242	-2031
Dual Induction		B/Kansas City	4624	-2413
Neutron/Density Porosity		Mississippi Chat	4804	-2593
Radiation Guard		Kinderhook	4890	-2679
Cement Bond - Gamma Ray		TD	4896	-2685

CASING RECORD Prod Surface							
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 ①	12 1/4	8 5/8	24	482	60/40 poz	280	2% gel-3% C Cl
Production	7 7/8	4 1/2	10.5	4943 ③	Bottom-ASC	200 5#	Gilsonite/sk
				④	Top-Lite	200 2%	C Cl
					Comm	100 2%	C Cl

ADDITIONAL CEMENTING/SQUEEZE RECORD				
Purpose:	41' Depth	Comm	40	4% C Cl
	Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input checked="" type="checkbox"/> Perforate ②				
<input checked="" type="checkbox"/> Protect Casing ⑥	4893	Class A	50	.03% p-26
<input type="checkbox"/> Plug Back TD			100	1% C Cl
<input type="checkbox"/> Plug Off Zone ④	1102-1105	lite-Class A	200	2% C Cl Note: Cement circulated to surface.
			100	2% C Cl
			200	2% C Cl + 3% FL-10
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	4804 - 4814		1750 gal. 15% MCA 4804-4814	
			Frac'd w/22,500 #sand 4804-4814	
3	4893		Cement squeeze (see above) 4893	

TUBING RECORD	Size 2 3/8	Set At 4824.08	Packer At N/A	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj.	waiting on pipeline			
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	Dil	Bbls.	Gas 817 Mcf	Water -0- Bbls. Gas-Oil Ratio Gravity

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: 4804-4814

ORIGINAL

API #15-097-21360

DST #1, 4807-4830', 20"-60"-60"-120"

1st Flow - Gas to surface 2"

.15" 1023 MCF

2nd Flow - 10" 1146 MCF

20" 1187 MCF

30" 1187 MCF

40" 1187 MCF

60" 1187 MCF

HP 2349/ 2349

FP 322/322, 344/372

SIP 1472/1440

Recovered 70' GCM (15% gas, 85% mud)





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

Phone 913-625-5516, Hays, KS  
 Phone 913-672-3471, Oakley, KS

Phone 316-886-5926, Medicine Lodge, KS  
 Phone 913-798-3843, Ness City, KS

# ALLIED CEMENTING CO., INC.

Home Office P. O. Box 31

Russell, Kansas 67665

6034 3

12-17-93

12-17-97

12-17-93

Date	12-16-93	Sec.	19	Twp.	28	Range	17	Called Out	4 <sup>am</sup>	On Location	12 <sup>30</sup> <sup>pm</sup>	Job Start	7 <sup>30</sup> <sup>pm</sup>	Finish	9 <sup>am</sup>
Lease	Ross	Well No.	#1	Location				Brenton Elevators 4 1/2 S 2 W	County	Kiowa	State	K.S.			
Contractor	Duke Drilling Rts #5											Owner	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.		
Type Job	Long String Two Stage 1100 ft											Charge To	Advantage Res Inc		
Hole Size	4 1/2"		T.D.	4940 ft											
Csg. New Pipe	4 1/2"		Depth	4939 ft											
Tbg. Size			Depth												
Drill Pipe			Depth												
Tool	D.V. Tool		Depth	1120 ft											
Cement Left in Csg.	39.85 ft		Shoe Joint	39.85 ft											
Press Max.			Minimum												
Meas Line:	✓ 4900 ft		Displace	79.3 bbl											
Perf.															

Street 1775 Sherman Suite #1375  
 City Denver State Co. 80203  
 The above was done to satisfaction and supervision of owner agent or contractor.  
 Purchase Order No.           
 X David Paul  
 CEMENT Thank you

## EQUIPMENT BOTTOM STAGE

Pumptrk	No.	Cementer	Mike
	120	Helper	Duke
Pumptrk	No.	Cementer	
		Helper	
		Driver	
Bulktrk	101	Driver	Don
Bulktrk	240	Driver	Rick

Amount Ordered	200 lb A.S.C 5" Milcrete Pr 24		
Consisting of	500 gal Mud Sweep		
Common	200 ASC	7.50	1500.00
Poz. Mix			
Gel.			
Chloride			
Quickset	Gilsonite 1000 #	1.39	390.00
Mud Sweep	500 gal	1.80	900.00
Handling	200	1.00	200.00
Mileage	30		240.00

DEPTH of Job	4939 ft	
Reference:	Pump Truck charge	1101.00
	30 mileage charge	67.50
	<b>Sub Total</b>	
	<b>Tax</b>	
	<b>Total</b>	1168.50

Thank you  
 Total # 4591.50  
 Disc. 918.30  
 \$3673.20 Total 3230.00

Remarks: Float did hold  
 Mix Cement pump it down stand and return  
 2kg stop at 1120ft

Floating Equipment	INPUT	
<del>1- 4 1/2" Basket</del>		
1- 4 1/2" Basket		113.00
<del>6- 4 1/2" Control Lines</del>		
2- Bolts Thread lock		60.00
1- 4 1/2" Lock Ring		20.00
		193.00

Allied Cementing Co. Inc  
 Mike Murch

NO WARRANTY ON  
 FLOAT EQUIPMENT

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

Phone 913-625-5516, Hays, KS  
 Phone 913-672-3471, Oakley, KS

Phone 316-886-5926, Medicine Lodge, KS  
 Phone 913-798-3843, Ness City, KS

ORIGINAL

# ALLIED CEMENTING CO., INC.

Home Office P. O. Box 31

Russell, Kansas 67665

6035 (4)

New

Date	Sec.	Twp.	Range	Called Out	On Location	Job Start	Finish
12-12-93	19	28	17			9:30 AM	10:30 AM

Lease	Well No.	Location	County	State
Ross	#1	Brenham Elevators #0 1/2 5 1/2	Kiowa	K.S.

Contractor	Owner	
Puke Drilling Rig #5	SAME	
Type Job	To Allied Cementing Co., Inc.	
Long string top stage pipe job	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	Charge To	
	Advantage Pros Inc	
Csg.	Street	
4 1/2	1775 Sherman Suite 1375	
Tbg. Size	City	
	Denver State Co 80203	
Drill Pipe	The above was done to satisfaction and supervision of owner agent or contractor.	
	Purchase Order No.	
Tool	X	
	<i>[Signature]</i>	
Cement Left in Csg.	CEMENT	
200*	Thank you	
Press Max.		
Meas Line		
1120 ft		
Perf.		

Location	Amount Ordered
1120 ft	200 lb Lite 29cc 1/4" Hosial P. sk
Displace 18.1 bbl	Consisting of
	100 lb. Comm. 22cc
	Common 100 5.75 575.00
	Poz-Mix 200 lite 4.75 950.00
	Gel.
	Chloride 6 25.00 150.00
	Quickset
	Flo Seal 50 <sup>wt</sup> 1.10 55.00
	Handling 300 1.00 300.00
	Mileage 30 360.00
	Sub-Total
	Thank you
	Total 2390.00

*As per 8/23 and*

EQUIPMENT		
No.	Cementer	Mike
120	Helper	Donna
No.	Cementer	
	Helper	
	Driver	Don
240	Driver	

DEPTH of Job	1120 ft
Reference:	Pump Truck Charge 525.00
	<del>_____</del>
	<del>_____</del>
	Sub-Total
	Total 525.00

Remarks: Float did not hold  
 Cement circulate around with 200\* Press  
 went over 2 hrs on Displace by Puke. Hand

Allied Cementing Co Inc  
 Mike Munnich

Floating Equipment	TOTAL \$ 2915.00
	Disc - 583.00
	\$ 2332.00

Phone 913-483-2627, 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.

3650

Home Office P. O. Box 31

Russell, Kansas 67665

New

Date	12/22/93	Sec.	19	Twp.	28S	Range	17W	Called Out	7:00 AM	On Location	9:15 AM	Job Start	10:30 AM	Finish	3:00 PM	
Lease	WYNONA ROSS		Well No.	1		Location			Brenhan Elevator 1/2 W 3/4 E W 25 S			County	Kiowa		State	Ks

Contractor		Pratt Well Services	
Type Job		SQUEEZE	
Hole Size	T.D.		
Csg.	4 1/2 9.5"	Depth	
Tbg. Size	2 3/8 4.6"	Depth 1020	
Drill Pipe	Depth		
Tool	PKR	Depth 1020	
Cement Left in Csg.	Shoe Joint		
Press Max.	1500	Minimum 50	
Meas Line	Displace 4 1/4 BBL		
Perf.	1103		

Owner Samoc  
 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 Advantage Resources Inc.  
 Street 1775 Sherman St. #1375  
 City Denver State CO. 80203  
 The above was done to satisfaction and supervision of owner agent or contractor.

Purchase Order No.  
 X Paul Pratt

**CEMENT**

Amount 100 SKS CLASS A + 3% FL-10  
 Ordered 100 SKS CLASS A + 2% ccd<sup>2</sup>

Consisting of			
Common	200	5.75	1150.00
Poz. Mix			
Gel.			
Chloride	2	25.00	50.00
Quickset			
FL-10	<del>200</del> 29	6.91	200.39
		Sales Tax	

Handling	200	1.00	200.00
Mileage	30		240.00
		Sub-Total	
		Total	1840.39

**EQUIPMENT**

Pumptrk	No.	Cementer	<u>Max Ball</u>
	234	Helper	<u>Dustin Hart</u>
Pumptrk	No.	Cementer	
		Helper	
Bulktrk	242	Driver	<u>John Kelley</u>
		Driver	

<b>DEPTH of Job</b>			
Reference:			
1103	Pump Charge	980.00	
30	Mileage	67.50	
1 Ea	Squeeze Manifold	75.00	
		Sub-Total	
		Tax	
		Total	1122.50

Remarks: Squeeze well with 100 sks class A + 3% FL-10 + 100 sks class 2% ccd<sup>2</sup> washup Pump Lines Displace 4 1/4 BBL Stage To Squeeze

Floating Equipment  
 Total # 2962.89  
 Disc - 592.58  
 # 2370.31



2627, Russell, Kansas

793-5861, Great Bend, Kansas

ORIGINAL

Phone Plainville 913-434-2812

Phone Ness City 913-798-3843

# ALLIED CEMENTING CO., INC.

3666

Home Office P. O. Box 31

Russell, Kansas 67665

NEW WELL

Date	Sec.	Twp.	Range	Called Out	On Location	Job Start	Finish
1-15-94	19	28S	17W	11:00 AM	1:00 PM	2:30 PM	4:30 PM
Well No.	Location			County	State		
ROSS	BREWSTER 1/4 W - 1/2 S - 1/2 W 3/4			KIOWA	KANS.		

Contractor	PRATTWELL SERVICE
Job	SQUEEZE
Cable Size	T.D.
4 1/2	Depth
Cable Size 2 3/8	Depth 4886
Well Pipe	Depth
Tool	Depth
Amount Left in Csg.	Shoe Joint
Loss Max.	Minimum
Loss Line	Displace 18.0
Ref.	4893

Owner	ADVANTAGE RESOURCES
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	ADVANTAGE RESOURCES INC.
Street	1775 Sherman St. #1375
City	Denver State Colo. 80203
The above was done to satisfaction and supervision of owner agent or contractor.	
Purchase Order No.	
X	<i>[Signature]</i>
CEMENT	

### EQUIPMENT

No.	Cementer	272	NEAL R
mptrk 265	Helper		CARL B
No.	Cementer		
mptrk	Helper		
	Driver		MARK B.
ilktrk 256	Driver		

Amount Ordered	505X CLASS A 3/10 1 1/2 P-26 / 100 CLASS A 1 1/2 CC	
Consisting of		
Common	150	51.75
Poz. Mix		862.50
Gel.		
Chloride	3	25.00
Quickset		75.00
P-26 - 14 #		6.91
		96.74
Handling	150	1.00
		150.00
Mileage	30	
		180.00
		<del>Sub Total</del>
		Total
		1364.24

DEPTH of Job	4893'
Reference:	
Pump Truck	1101.00
30 Mileage	67.50
MANIFOLD	75.00
	<del>Sub Total</del>
	Tax
	Total
	1243.50

Floating Equipment	
	<del>521.55</del>
TOTAL \$	2607.74
Disc -	521.55
	\$ 2086.19

REMARKS: PSE ANNUALS 500 - INS RATE 2.25  
 10 AM 9:00 - CEMENT WITH 50SKA 3/10  
 1 1/2 P-26 - 100SKA 1 1/2 CC - DUMP TO  
 BE LEFT IN TUNING - REVERSE ROT  
 ALL 105TS PSE UP 500 SHOT IN 6