

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
ACO-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, CO 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 SIOV Temp. Abd.
 Gas ENHR SIGV
 Dry Other (Core, WSV, 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
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____
11-24-92 12-3-92 12-29-92
Spud Date Date Reached TD Completion Date

API NO. 15- 097 - 21,340 - 0000
County Kiowa
NE SE Sec. 18 Twp. 28S Rgs. 17 X W
1900 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 Parnell Well # No. 2
Field Name Hardy
Producing Formation Miss. Chat (Osage)
Elevation: Ground 2197 KB 2206
Total Depth 4900 PBTB 4864
Amount of Surface Pipe Set and Cemented at 482 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from 482
feet depth to surface w/ 175 sx cnt.
Drilling Fluid Management Plan DLT 1 1/19/93
(Data must be collected from the Reserve Pit)
Chloride content 56,000 ppm Fluid volume 2300 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 1-7-93
Subscribed and sworn to before me this 7th day of January
15 93.
Notary Public Janet C. Anderson
Date Commission Expires Dec 6, 1996

STATE CORPORATION COMMISSION
RECEIVED
JAN 7 1993
OIL & GAS CONSERVATION DIVISION
Wichita, Kansas

K.C.C. OFFICE USE ONLY
 Letter of Confidentiality Attached
 Wireline Log Received
 Geologist Report Received
Distribution
 KCC SWD/Rep KGPA
 KGS Plug Other
(Specify)

10000000

SIDE TWO

Operator Name Advantage Resources, Inc.

Lease Name Parnell

Well # 2

Sec. 18 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 (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	1112	+1094
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Heebner	4043	-1837
List All E.Logs Run:		Lansing	4224	-2018
Dual Induction		B/Kansas City	4606	-2400
Density/Neutron Porosity		Miss. Chat	4808	-2602
		Kinderhook	4839	-2633
		TD	4900	-2694

CASING RECORD <input checked="" 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	482	Surfill	175	
Production	7 7/8	4 1/2	10.5	4901	ASC	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	4810 - 4822		1200 gal. 15% NE-FE	4810-4822

TUBING RECORD	Size <u>2 3/8"</u>	Set At <u>4720.28</u>	Packer At <u>N/A</u>	Liner Run <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)		Waiting on pipeline <u>-0-</u>	
Estimated Production Per 24 Hours	Oil Bbls. <u>Slight Mist</u>	Gas Mcf <u>581</u>	Water Bbls. <u>0</u>	Gas-Oil Ratio <u></u> Gravity <u></u>

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 4810-4822

ORIGINAL

Farnell No. 2

D.S.T. #1 4813 - 4849.
Open 15", shut in 60", open 60", shut in 120".

1st Open:

Tool open with strong blow.
Gas to surface in 1".
5" gauged 802,000 C.F.G.P.D.
15" gauged 1,023,000 C.F.G.P.D.

2nd Open:

10" gauged 980,000 C.F.G.P.D.
20" gauged 1,023,000 C.F.G.P.D.
Well stabilized at 1,023,000. C.F.G.P.D.
For rest of test, test was on 1 1/2" orifice.

Recovered:

65' gas & oil cut water
20% gas
30% oil
50 % water chlorides 43,000 P.P.M.

Pressures:

IH/FH 2448#/2422#
1st FF 364#/364#
2nd FF 343#/343#
ISIP/FSIP 1560#/1556#
BHT 122 degrees F

RECEIVED
STATE CORPORATION COMMISSION

JAN 11 1963

Russell, Kansas

Phone Plainville 913-434-2812

(793-5361), Great Bend, Kansas

Phone Ness City 913-798-3843

New

ALLIED CEMENTING CO., INC.

3384

Home Office P. O. Box 31

Russell, Kansas 67665

Date	12/15/92	Sec.	18	Twp.	28E	Range	17W	Called Out	4:30 PM	On Location	10:30 PM	Job Start	8:15 AM	Finish	8:45 AM
Case	B. HARDY	Well No.	2	Location	BRENNHAM ELEVATOR 3/4w 9S			County	KLIOWA	State	KANSAS				

Contractor	DUKE DRUG #5
Job	PRODUCTION CASING
Casing Size	7 7/8"
Depth	4900'
Log Size	4 1/2" 10'S#
Depth	4389'
Drill Pipe	
Depth	
Shoe Joint	12.87'
Minimum	
Displace	286

Owner: **ADVANTAGE RESOURCES INC.**
 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: **COLORADO 80203**

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

EQUIPMENT

No.	Cementer	R. BRUNGARDT
234	Helper	C. BAUTING
No.	Cementer	
	Helper	
	Driver	M. WOLF
257	Driver	

Purchase Order No. **X**
200 BAGS. B.T. MUD SWEEP
 Amount Ordered: **195 @ A.S.C.**

Consisting of	Common	195 ASC	7.50	1462.50
	Poz. Mix			
	Gel.			
	Chloride			
	Quickset			
	Mud Sweep	500 gals	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
\$ 3582.32

Floating Equipment	1-4 1/2" GUIDE SHOE-W	109.00
	1-4 1/2" AFU INSERT-W	169.00
	10-4 1/2" CENTRALIZERS-W	430.00
	1-4 1/2" ROTATING HEAD	60.00

Remarks:

NO WARRANTY ON FLOAT EQUIPMENT

\$ 768.00