

FORM MUST BE TYPED

SIDE ONE

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

Operator: License # 6927Name: ADVANTAGE RESOURCES, INC.Address 1665 SHERMAN ST., SUITE 1375City/State/Zip DENVER, CO 80203Purchaser: NONEOperator Contact Person: DAVID PAULYPhone (316) 264-0490Contractor: Name: DUKE DRILLINGLicense: 5929Wellsite Geologist: JERRY JESPERSON

Designate Type of Completion

 New Well X Re-Entry Workover

 Oil X SWD SLOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc)

If Workover:

Operator: ADVANTAGE RESOURCES, INC.Well Name: HARDY #1Comp. Date 12/92 Old Total Depth 4940

X Deepening Re-perf. X Conv. to Inj. SWD
 Plug Back PBDT
 Commingled Docket No.
 Dual Completion Docket No.
X Other (SWD or Inj?) Docket No.

FOR

8-20-95 8-31-95 9-25-95
 Date of Date Reached TD Completion Date
 REENTRY

API NO. 15- 097-21, 3480001County KIOWASW - NW - NE - Sec. 24 Twp. 28S Rge. 18 X W3980 Feet from SW (circle one) Line of Section2300 Feet from SW (circle one) Line of SectionFootages Calculated from Nearest Outside Section Corner:
NE, SW, NW or SW (circle one)Lease Name HARDY "OWWO" Well # "B" #1Field Name HARDY

DISPOSAL

Producing Formation ARBUCKLEElevation: Ground 2209 KB 2218Total Depth 5500 PBTD 5251Amount of Surface Pipe Set and Cemented at 480 FeetMultiple Stage Cementing Collar Used? Yes X NoIf yes, show depth set FeetIf Alternate II completion, cement circulated from feet depth to w/ sx cmt.Drilling Fluid Management Plan REENTRY 9/4 4-22-96
(Data must be collected from the Reserve Pit)Chloride content ppm Fluid volume bblsDewatering method used HAULED WATER/FLUIDLocation of fluid disposal if hauled offsite: Operator Name PETER BERENLease Name KOHN License No. SW/4 Quarter Sec. 28 Twp. 29S S Rng. 18 X WCounty KIOWA Docket No. 0-5617

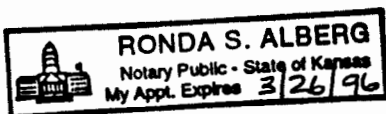
INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information on side 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 Ronda S. AlbergTitle Agent Date 10-2-95Subscribed and sworn to before me this 2nd day of October, 19 95.Notary Public Ronda S. Alberg RECEIVEDNotary Commission Expires 3/26/96 KANSAS CORPORATION COMMISSION

K.C.C. OFFICE USE ONLY
 F Letter of Confidentiality Attached
 C X Wireline Log Received
 C X Geologist Report Received

Distribution

X KCC
 KGS SWD/Rep
 Plug NGPA
 Other (Specify)

OCT 04 1995

Form ACO-1 (7-91)

CONSERVATION DIVISION
WICHITA, KS

SIDE TWO

Operator Name ADVANTAGE RESOURCES, INC. Lease Name HARDY Well # "B" #1
 Sec. 24 Twp. 28S Rge. 18 ☐ 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 ☐ 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: GAMMA RAY/NEUTRON

☒ Log Formation (Top), Depth and Datums ☐ Sample

Name	Top	Datum
HEBNER	4060	1842
LANSING	4238	2020
MISSISSIPPI	4822	2640
KINDERHOOK	4874	2660
VIOLA	4968	2750
SIMPSON	5108	2890
ARBUCKLE	5205	2987

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	10 1/4"	8 5/8"	24	480	60-40	250	
PRODUCTION	7 7/8"	5 1/2"	15.5	5251	ASC	250	5# KOLSEAL

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		NONE		
<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
NONE	OPEN HOLE 5251-5500'	3,0000 GAL 15% HCL	
TUBING RECORD		Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Size 2 7/8"		Set At 5225'	
Packer At 5225'			
Date of First, Resumed Production, SWD or Inj. 9-2-95		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 Mcf	Water Bbls. Gas-Oil Ratio Gravity

Disposition of Gas: METHOD OF COMPLETION

Injection ~~Production~~ Interval

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

☒ Open Hole ☐ Perf. ☐ Dually Comp. ☐ Commingled 5251'-5500'
☐ Other (Specify) _____

689481

54-50'-18"