

FORM MUST BE TYPED

CONFIDENTIAL

SIDE ONE

COPY *nd*

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

Operator: License # 6926Name: Advantage Resources, Inc.Address 1775 Sherman Street - Suite 1375City/State/Zip Denver, Colorado 80203-4316

Purchaser: _____

Operator Contact Person: Lou BortzPhone (303) 831-1912Contractor: Name: Duke Drilling Co., Inc.License: 5929Wellsite Geologist: Jerry Jespersen

Designate Type of Completion

☒ New Well ☐ Re-Entry ☐ Workover

☐ Oil ☐ SVD ☐ SIGV ☐ 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: _____

FROM CONFIDENTIAL

☐ Deepening ☐ Re-perf. ☐ Conv. to Inj/SVD
☐ Plug Back ☐ PSTD
☐ Commingled ☐ Docket No. _____
☐ Dual Completion ☐ Docket No. _____
☐ Other (SVD or Inj?) ☐ Docket No. _____

04-12-9604-19-9604-19-96

Spud Date

Date Reached TD

Completion Date

API NO. 15- 097-21405 0000County Kiowa County, KansasNW NE SE Sec. 20 Twp. 28S Rge. 17 XX E2000 Feet from DN (circle one) Line of Section800 Feet from DN (circle one) Line of SectionFootages Calculated from Nearest Outside Section Corner:
NE, DN, NW or SW (circle one)Lease Name Hal Ross Well # 1Field Name HardyProducing Formation Miss. Chat (Osage)Elevation: Ground 2200 22H KS 2213 22HTotal Depth 4952 PSTD 4917Amount of Surface Pipe Set and Cemented at 438' FeetMultiple Stage Cementing Collar Used? ☐ Yes ☒ No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cm.

Drilling Fluid Management Plan ALT 1 2H 12-13-96
(Data must be collected from the Reserve Pit)Chloride content 9800 ppm Fluid volume 1400 bblsDewatering method used EvaporationLocation of fluid disposal if hauled offsite: KCC

Operator Name _____

Lease Name _____ License No. _____

Quarter 2 Sec. 20 Twp. 28S Rng. 17 E N

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 _____

Title Vice PresidentDate 7-2-96Subscribed and sworn to before me this 2nd day of July 19-96.

Notary Public _____

Date Commission Expires 9-9-98

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

Distribution
☒ KCC ☐ SVD/Rep ☒ KCPA
☐ KGS ☐ Plug ☐ Other (Specify) _____

SIDE TWO

Operator Name Advantage Resources Inc.Lease Name Hal RossWell # 1Sec. 20 Twp. 28S Rge. 17 ☐ East
☒ WestCounty Kiowa County, Kansas

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests, long 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 ☒ NoCores Taken ☐ Yes ☒ NoElectric Log Run ☒ Yes ☐ No
(Submit Copy.)List All E.Logs Run:
Dual Induction
Density/Neutron Porosity
Guard Log☒ Log Formation (Top), Depth and Datums ☐ Sample

Name	Top	Datum
Anhydrite	1127	+1097
Heebner	4084	-1860
Lansing	4256	-2032
B/ Kansas City	4641	-2417
Miss. Chat	4826	-2602
Kinderhook	4894	-2670
TD	4952	-2628

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"	28#	438'	60/40 Poz	225	3%cc 2%ge
Production	7-7/8"	4-1/2"	10.5#	4949'	ASC	175	

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
Perforate				
Protect Casing				
Plug Back TD				
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)	Dept
4	4838-4841	300 gal. 15% FE	4838-4841

TUBING RECORD	Size	Set At	Packer At	Liner Run	☐ Yes ☒ No
	2-3/8"	4844.66	N/A		
Date of First, Resumed Production, SWD or Inj.	Producing Method ☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (Explain)				
Waiting on Pipeline					
Estimated Production Per 24 Hours	Oil Bbls. Slight Mist	Gas 230 Mcf	Water 59 Bbls.	Gas-Oil Ratio	Grav

Disposition of Gas:

METHOD OF COMPLETION

Production Interval

☐ Vented ☒ Sold ☐ Used on Lease
(If vented, submit ACO-18.)☐ Open Hole ☒ Perf. ☐ Dually Comp. ☐ Commingled
☐ Other (Specify) _____

4838-4841