

ORIGINAL

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 # Advantage #6926, Schulein #6785
Name: Advantage Resources, Inc., and Schulein Company
Address 1375 Sherman St., #1375

City/State/Zip Denver, Colorado 80203

Purchaser: _____

Operator Contact Person: Edward J. Ackman

Phone (303) 831-1912

Contractor: Name: Sterling Drilling Company

License: 5142

Wellsite Geologist: Roger Welty

Designate Type of Completion
 New Well Re-Entry Workover
 Oil SWD Temp. Abd.
 Gas Inj Delayed Comp.
 Dry Other (Core, Water Supply, etc.)

If **OWO**: old well info as follows:
Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Drilling Method:
 Mud Rotary Air Rotary Cable

12/27/90 01-03-91 02-01-91

Spud Date Date Reached TD Completion Date

API NO. 15- 097-21,304

County Kiowa

SW NW Sec. 18 Twp. 28S Rge. 17W East West

3300 Ft. North from Southeast Corner of Section

4620 Ft. West from Southeast Corner of Section

(NOTE: Locate well in section plat below.)

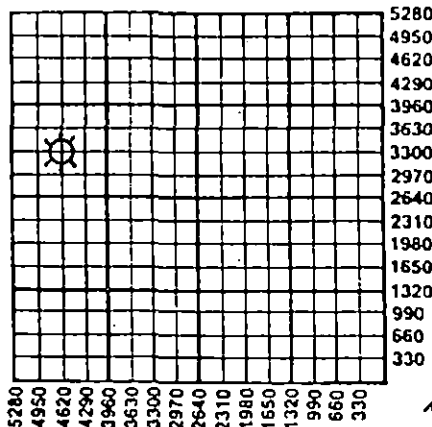
Lease Name Byrd Hardy Well # 1

Field Name Unnamed

Producing Formation Mississippian "Chat"

Elevation: Ground 2191 KB 2200

Total Depth 4880 PBD 4862



Amount of Surface Pipe Set and Cemented at 462 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from 462

feet depth to surface w/ 225 sx cmt.

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 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 drillers time log 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. Any recompletion, workover or conversion of a well requires filing of ACO-2 within 120 days from commencement date of such work.

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 Edward J. Ackman, President Date 03/27/91

Subscribed and sworn to before me this 27 day of March, 19 91.

Notary Public Mary Anne Anaya
Date Commission Expires October 22, 1992

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Drillers Timelog Received

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

pl

Advantage Resources, Inc., and **SIDE TWO**

Operator Name Schulein Company Lease Name Byrd Hardy Well # 1

Sec. 18 Twp. 28S Rge. 17W 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 Yes No
(Attach Additional Sheets.)
Samples Sent to Geological Survey Yes No
Cores Taken Yes No
Electric Log Run Yes No
(Submit Copy.)

DST's - See Attached

Name	Formation Description	
	Top	Bottom
Anhydrite	1108	+1092
Heebner	4034	-1832
Lansing	4208	-2008
Base K.C.	4594	-2394
Mississippian	4772	-2572
Kinderhook Shale	4829	-2629

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	23	462	60/40 Poz	225	2% gel, 3% Cel
Production	7 7/8	4 1/2	10.5	4862	60/40 Poz	260	5% Gil, 10% salt

Shots Per Foot	PERFORATION RECORD Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
2	4776-4794 (Mississippian)	1800 gal 15% HCl Fe acid Frac 30,500 lbs 20/40 sand and 6000 lbs 12/20 sand with 37,950 gals frac fluid.	4776-94

TUBING RECORD Size 2 3/8 Set At 4758 Packer At _____
Liner Run Yes No

Date of First Production Shut-in _____ Producing Method Flowing Pumping Gas Lift Other (Explain) _____
Estimated Production Per 24 Hours
Oil 0 Bbls. Gas 837 Mcf Water 53 Bbls. Gas-Oil Ratio _____ Gravity _____

Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)
METHOD OF COMPLETION: Open Hole Perforation Dually Completed Commingled
 Other (Specify) _____ Production Interval 4776-4794

ORIGINAL

Ran DST #1

DST #1 4757 - 4/98

open 15, SI 60, open 60, SI 120

Strong blow 1" GTS 7"

10" 78.1 MCF

15" 101 MCF

2nd open

10" 141 MCF

20" 177 MCF

30" 189 MCF

40" 189 MCF

50" 189 MCF

60" 189 MCF

Rec. 140" GCM, no water.

IHP 2348

IFP 139/139

ISIP 1472

2nd

IFP 139/139

FSIP 1472

FHP 2348

Temp 128°

DST #2

Interval 4798' - 4818'

Flow Period: SI 15, Open 60, SI 60, Open 60

Open strong blow continued through first flow period, strong blow GTS in 15 min.

20" 21.9 MCF

30" 26.6 MCF

40" 26.6 MCF

50" 24.5 MCF

60" 24.5 MCF

Recovered 70' GCM, no water.

IH 2562

IF 53

ISIP 1440

FF 53

FSIP 1440

FH 2508

RECEIVED
STATE CORP COMMISSION

APR 01 1998

CONSERVATION
Wichita, Kansas