

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

ORIGINAL

API NO. 15- 071-20,546 -00-00

County Greeley

NW - NE - NW - Sec. 14 Twp. 16S Rge. 42 X ^E _W

Operator: License # 30775

Name: Savant Resources Inc.

Address 216 16th Street, Suite 1250

City/State/Zip Denver, CO 80202

Purchaser: N/A

Operator Contact Person: Hugh Harvey

Phone (303) 623-0070

Contractor: Name: Cheyenne Drilling Co.

License: 05382

Wellsite Geologist: John Pruit

Designate Type of Completion
 New Well Re-Entry Workover

Oil SWD SLOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, 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 PBSD
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____

9/11/91 9/18/91 9/20/91
Spud Date Date Reached TD Completion Date

330 Feet from SW (circle one) Line of Section

1650 Feet from SW (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
NE, SE, NW or SW (circle one)

Lease Name Schurr Well # 1-14

Field Name Wildcat

Producing Formation N/A

Elevation: Ground 3802' KB 3812

Total Depth 5165 PBSD _____

Amount of Surface Pipe Set and Cemented at 374 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan AIR-DE OYA
(Data must be collected from the Reserve Pit)

Chloride content 11,200 ppm Fluid volume 800 bbls

Dewatering method used evaporation and leak-off

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 Anthony R. Mayer

Anthony R. Mayer

Title Executive Vice President Date 10/18/91

Subscribed and sworn to before me this 18th day of October, 1991.

Notary Public Susan R. Dominish

Date Commission Expires 6/25/95

K.C.C. OFFICE USE ONLY		
F	<input checked="" type="checkbox"/>	Letter of Confidentiality Attached
C	<input checked="" type="checkbox"/>	Wireline Log Received
G	<input type="checkbox"/>	Geologist Report Received
RECEIVED		
STATE CORPORATION COMMISSION		
<input checked="" type="checkbox"/> KCC	<input type="checkbox"/> SWD/Rep	<input type="checkbox"/> NGPA
<input type="checkbox"/> KGS	<input type="checkbox"/> Plug	<input type="checkbox"/> Other
(Specify)		

OCT 21 1991

CONFIDENTIAL

Operator Name Savant Resources Inc. Lease Name Schurr Well # 1-14

Sec. 14 Twp. 16S Rge. 42 East West
 county Greeley

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: DIL, GR, LDT, CNT, cal., SP

<input type="checkbox"/> Log	Formation (Top). Depth and Datum	<input checked="" type="checkbox"/> Sample
Name	Top	Datum
Shawnee	3856	-44
Hebner	4084	-272
Lansing	4112	-300
Marmaton	4521	-709
Cherokee	4729	-917
Morrow	5003	-1191
Morrow Sand	5065	-1253
Keyes	5077	-1265

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
Conductor	12 1/2	8 5/8	24	3/4	premium	180	2% CaCl

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

TUBING RECORD Size Set At Packer At Liner Run Yes No

Date of First, Resumed Production, SWD or Inj. Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours Oil Bbls. Gas Mcf Water 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 _____

ORIGINAL

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DRILL STEM TESTS

Well Name: #1-14 SCHURR Operator: Savant Resources, Inc.
 Location: NE/4NW/4 Sec. 14-T16S-R42W
 County: Greeley
 State: Kansas

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DST #1 4970'-5110'

Open 15, shut in 30, open 45, shut in 90. Recovery: 2,878' gas in pipe w/gd oil odor, 2,061' gassy MCW. (1st stand of recovery ground out 15% oil from mud sample).

IHP 2449 FHP 2419
 IFP 699-824; FFP 885-895
 ISIP 895 FSIP 895
 Reversed out recovery
 Sample chamber: 640 psig @ 118° F.
 Total volume of sampler: 3150 cc
 Total volume of sample: 2700 cc
 Oil: 1250 cc
 Water: 1450 cc
 Gas: 19.39 cu. ft.

Rw 0.36 @ 53° F
 Mud pit sample 1.1 @ 68° F

DST #2 4970' - 5079'

Open 15, shut in 30, open 60, shut in 60.
 Recovery: 2105' GIP, 2065 total fluid:
 125' gassy mud, 125' gassy MCO, 1425' gassy MCO, 65' gassy MCO, 195' WCO, 130' oily water.

IHP 2391 FHP 2355
 IFP 556-755; FFP 828-876
 ISIP 876; FSIP 876
 Sample chamber: 575 psig
 Oil: 175 cc
 Water: 2525 cc
 Gas: 18.79 cfg

Rw 0.3 @ 60° F - 42,900 ppm Chlorides
 Mud pit sample Rw 1.0 @ 51° F - 13,860 ppm Chlorides.

RECEIVED
STATE CORPORATION COMMISSION

OCT 07 1991

14 16 42W

15-07-20546-00-00

DRILLERS LOG

SAVANT RESOURCES, INC.
SCHURR #1-14
SECTION 14-T16S-R42W
GREELEY COUNTY, KANSAS

COMMENCED: 09-11-91
COMPLETED: 09-20-91

SURFACE CASING: 363' OF 8 5/8"
CMTD W/80 SX PREM PLUS LT. WT, 2% C.C.,
1/4#/SX FLO-CELE; TAILED IN W/
100 SX PREM PLUS, 2% C.C., 1/4#/SX FLO-CELE

FORMATION	DEPTH
SURFACE HOLE	0- 374
SAND & CLAY	374-1970
SHALE	1970-2625
SHALE & LIME	2625-3160
LIME & SHALE	3160-3425
SHALE & LIME	3425-4000
LANSING	4000-4042
SHALE & LIME	4042-5165 RTD

KCC
SEP 24 1991

I DO HEREBY CERTIFY THAT THE FOREGOING STATEMENTS ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

CHEYENNE DRILLING, INC.
A.J. Jacques
A. J. JACQUES

STATE OF KANSAS :ss:

SUBSCRIBED AND SWORN TO BEFORE ME THIS 23RD DAY OF SEPTEMBER, 1991.

BECKY J. WHETSTONE
NOTARY PUBLIC
STATE OF KANSAS
MY APPT. EXPIRES 4/29/95

Becky J. Whetstone
BECKY J. WHETSTONE, NOTARY PUBLIC

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STATE CORPORATION COMMISSION

SEP 24 1991