

CONFIDENTIAL

COPY *and*

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 # 09282
Name: General Atlantic Resources, Inc.
Address: 410 17th Street
Suite 1400
City/State/Zip: Denver, Colorado 80202

Purchaser: _____
Operator Contact Person: Richard Burns
Phone (303) 573-5100

Contractor: Name: Duke Drilling Co., Inc.
License: 5929

Wellsite Geologist: Richard Hall

Designate Type of Completion
 New Well Re-Entry Workover
 Oil SMD S10W Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc)

If Workover:
Operator: _____
Well Name: _____
Comp. Date _____ Old Total Depth _____
 Deepening Re-perf. Conv. to Inj/SMD
 Plug Back PBT
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SMD or Inj?) Docket No. _____
04-16-94 04-25-94 5/21/94
Spud Date Date Reached TD Completion Date

API NO. 15- 185-22956
County: Stafford
SE-SW-SE-Sec. 13 Twp. 23 South Rge. 12 West
500 Feet from South Line of Section
1700 Feet from East Line of Section
Footages Calculated from Nearest Outside Section Corner:
SE
Lease Name: Russell Well # 1
Field Name: Wildcat
Producing Formation: Arbuckle
Elevation: Ground= 1840' KB= 1848'
Total Depth: 3746' PBD:
Amount of Surface Pipe Set and Cemented at 406 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set 3734' Feet
If Alternate II completion, cement circulated from _____
feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan ALT 1 *JH 10-24-94*
(Data must be collected from the Reserve Pit)

Chloride content: 66,000 ppm Fluid volume: 960 bbls
Dewatering method used: Dry by evaporation/backfill.
Location of fluid disposal if hauled offsite:
S/2 Sec. 14-T23S-R9W
Operator Name: C & C Tank Service, Inc. **KCC**
Lease Name: Roach SMD License No. 30708
S/2 Quarter Sec. 14 Twp.23 South Rng. 9 West
County: Reno Docket No. 22208

JUN 13
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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: Richard Burns Richard A Burns
Title: Senior Operations Engineer Date 06-10-94
Subscribed and sworn to before me this 13 day of June 19 94.
Notary Public Carol L. Kase
Date Commission Expires 12/23/97

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received
Distribution
 KCC SMD/Rep NGPA
 KGS Plug Other
(Specify)
RECEIVED
STATE CORPORATION COMMISSION

JUN 16 1994 Form ACO-1 (7-91)

RELEASED

JUL 26 1995

FROM CONFIDENTIAL

CONSERVATION DIVISION
Wichita, Kansas

Operator Name: General Atlantic Resources, Inc. Lease Name: Russell Well # 1

County: Stafford

Sec. 13, Twp. 23 South Rge. 12 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 (Attach Additional Sheets.)	XX	Yes	No	XX Log	Formation (Top), Depth and Datum	Sample
Samples Sent to Geological Survey		Yes	XX No	Name	Top	Datum
Cores Taken		Yes	XX No	Anhydrite	611'	1237'
Electric Log Run (Submit Copy.)		XX	Yes No	Heebner Shale	3172'	-1324'
				Douglas Shale	3206'	-1358'
				Brown Lime	3314'	-1466'
				Lansing	3341'	-1493'
				"F" Zone	3412"	-1564'
				B/KC	3593'	-1745'
				Viola	3614'	-1766'
				Simpson	3673'	-1825'
				Arbuckle	3730'	-1882'
				TD	3746'	-1898'

List All E.Logs Run: DUAL INDUCTION
 BOREHOLE COMPENSATED NEUTRON DENSITY
 COMPENSATED DIPMETER
 SONIC MICROLOG

CASING RECORD

XXX 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"	8-1/8"	25#	406'	60/40 Poz	225	2% gel 3% cc.
Production	7-7/8"	5-1/2"	14#	3734'	60/40 Poz	150	2% gel 10% Salt
					3/4" H-322	5# sack	gilsonite

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth		Type of Cement	#Sacks Used	Type and Percent Additives
	Top	Bottom			
<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
Open Hole	3732" to TD@ 3746"	

TUBING RECORD	Size 2-3/8"	Set At 3732'	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SMD or Inj. 5/21/94	Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			
Estimated Production Per 24 Hours	Oil 32 Bbls.	Gas Mcf	Water 50 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 _____