

State of West Virginia
Department of Environmental Protection - Office of Oil and Gas
Well Operator's Report of Well Work

API 47-021-03292D County GILMER District DEKALB
Quad TANNER 7.5' Pad Name HARDEN Field/Pool Name TANNER
Farm name JAMES C. GOFF Well Number S-197-2
Operator (as registered with the OOG) STALNAKER ENERGY CORPORATION
Address 220 WEST MAIN ST. City GLENVILLE State WV Zip 26351

As Drilled location NAD 83/UTM Attach an as-drilled plat, profile view, and deviation survey
Top hole Northing 750' South of 39 -00-00 Easting 5,510' West of 80-57-30
Landing Point of Curve Northing _____ Easting _____
Bottom Hole Northing _____ Easting _____

Elevation (ft) 892 GL Type of Well New Existing Type of Report Interim Final
Permit Type Deviated Horizontal Horizontal 6A Vertical Depth Type Deep Shallow
Type of Operation Convert Deepen Drill Plug Back Redrilling Rework Stimulate
Well Type Brine Disposal CBM Gas Oil Secondary Recovery Solution Mining Storage Other _____
Type of Completion Single Multiple Fluids Produced Brine Gas NGL Oil Other NONE
Drilled with Cable Rotary

Drilling Media Surface hole Air Mud Fresh Water Intermediate hole Air Mud Fresh Water Brine
Production hole Air Mud Fresh Water Brine
Mud Type(s) and Additive(s)

Date permit issued 06/04/1991 Date drilling commenced 08/03/1991 Date drilling ceased 08/06/1991
Date completion activities began NOT COMPLETED Date completion activities ceased _____
Verbal plugging (Y/N) _____ Date permission granted RECEIVED Granted by _____

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Please note: Operator is required to submit a plugging application within 5 days of verbal permission to plug

Freshwater depth(s) ft 50 FEET Open mine(s) (Y/N) depths NO
Salt water depth(s) ft 1720 FEET Void(s) encountered (Y/N) depths NO
Coal depth(s) ft N/A Cavern(s) encountered (Y/N) depths NO
Is coal being mined in area (Y/N) NO

Reviewed by: _____

02/28/2014

API 47-021 - 03292D Farm name JAMES C. GOFF Well number S-197-2

CASING STRINGS	Hole Size	Casing Size	Depth	New or Used	Grade wt/ft	Basket Depth(s)	Did cement circulate (Y/ N) * Provide details below*
Conductor	N/A						
Surface	N/A						
Coal							
Intermediate 1		7"	1422'				
Intermediate 2							
Intermediate 3							
Production	6 1/4"	4 1/2"	1980'	N/A	10.5	N/A	N/A
Tubing							
Packer type and depth set							

Comment Details _____

CEMENT DATA	Class/Type of Cement	Number of Sacks	Slurry wt (ppg)	Yield (ft ³ /sks)	Volume (ft ³)	Cement Top (MD)	WOC (hrs)
Conductor	N/A						
Surface	N/A						
Coal							
Intermediate 1		NO INFORMATION					
Intermediate 2							
Intermediate 3							
Production	Class A	50	12.7	1.18	59	1380	N/A
Tubing							

Drillers TD (ft) 1986 FEET Loggers TD (ft) 1966 FEET
 Deepest formation penetrated BIG INJUN Plug back to (ft) N/A
 Plug back procedure N/A

Kick off depth (ft) N/A

Check all wireline logs run caliper density deviated/directional induction
 neutron resistivity gamma ray temperature sonic

Well cored Yes No Conventional Sidewall Were cuttings collected Yes No

DESCRIBE THE CENTRALIZER PLACEMENT USED FOR EACH CASING STRING N/A

WAS WELL COMPLETED AS SHOT HOLE Yes No DETAILS WAS NOT COMPLETED

WAS WELL COMPLETED OPEN HOLE? Yes No DETAILS WAS NOT COMPLETED

WERE TRACERS USED Yes No TYPE OF TRACER(S) USED _____

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Environmental Protection

API 47- 021 - 03292D Farm name JAMES C. GOFF Well number S-197-2

<u>PRODUCING FORMATION(S)</u>	<u>DEPTHS</u>	
<u>NONE PRODUCING</u>	<u>TVD</u>	<u>MD</u>

Please insert additional pages as applicable.

GAS TEST Build up Drawdown Open Flow OIL TEST Flow Pump

SHUT-IN PRESSURE Surface N/A psi Bottom Hole N/A psi DURATION OF TEST _____ hrs

OPEN FLOW Gas _____ Oil _____ NGL _____ Water _____
 N/A mcfpd _____ bpd _____ bpd _____ bpd
 GAS MEASURED BY Estimated Orifice Pilot

LITHOLOGY/ FORMATION	TOP	BOTTOM	TOP	BOTTOM	DESCRIBE ROCK TYPE AND RECORD QUANTITY AND TYPE OF FLUID (FRESHWATER, BRINE, OIL, GAS, H ₂ S, ETC)
	DEPTH IN FT NAME TVD	DEPTH IN FT TVD	DEPTH IN FT MD	DEPTH IN FT MD	
RED ROCK/SAND	0	1721	0	1721	
MAXTON	1721	1731	1721	1731	SAND WITH GAS AND SALT WATER
SAND/SHALE	1731	1794	1731	1794	
BIG LIME	1794	1887	1794	1887	LIMSTONE
BIG INJUN	1887	1927	1887	1927	SAND WITH GAS
SAND/SHALE	1927	1966	1927	1986	

Please insert additional pages as applicable.

Drilling Contractor GENE STALNAKER, INC.
 Address 220 WEST MAIN ST. City GLENVILLE State WV Zip 26351

Logging Company YOUNG WIRLENE
 Address P.O. BOX 10290 City CHARLESTON State WV Zip 25357

Cementing Company D.A. FRESHWATER
 Address 1015 CHARLESTON ROAD City SPENCER State WV Zip 25276

Stimulating Company NOT STIMULATED
 Address _____ City _____ State _____ Zip _____

Please insert additional pages as applicable.

Completed by JASON M. MILLER Telephone 304-462-5701 Date JAN 10 2014
 Signature *Jason M. Miller* Title ENGINEER Date 01/08/2014

Submittal of Hydraulic Fracturing Chemical Disclosure Information

Attach copy of FRACFOCUS Registry
 WV Department of Environmental Protection
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 Office of Oil and Gas
 02/28/2014

YOUNG
WIRELINE SERVICES

MERGED COMPOSITE LOG

COMPANY GENE STALNAKER, INC.
 WELL HARDEN #2
 FIELD DEKALG
 COUNTY GILMER STATE WV

LOCATION:
 SEC. _____ TWP. _____ RGE. _____

OTHER SERVICES:
 Permit No:
47-021-3292 D

Permanent Datum: G.L.; Elev.: 817
 Log Measured From G.L., _____ Ft. Above Perm. Datum
 Drilling Measured From G.L.
 Elev.: K.B. 819
 D.F. 819
 G.L. 817

Date	8-6-91
Run No.	ONE
Type Log	OPEN HOLE
Depth—Driller	1986
Depth—Logger	1966
Bottom logged interval	1966
Top logged interval	1400
Type fluid in hole	DAMP
Salinity, PPM Cl.	
Density	
Level	
Max rec. temp., deg. F.	
Operating rig time	1.5 Hrs.
Recorded by	CURTIS
Witnessed by	MR. STALNAKER

Run No.	Bit	Bore-Hole Record			Casing Record		
		From	To	Size	Wgt.	From	To
ONE	6 1/4	1422	1966	7"		SURFACE	1422

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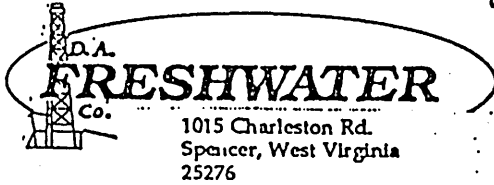
JAN 10 2014

WV Department of
Environmental Protection

02/28/2014

OIL • GAS

Cover sheet



Invoice No.	Date
91-36-185	Aug. 12, 1991

Well Lease No./Plant Name	Well/Plant Location	State	Well/Plant Owner
Harden Lease	Gilmer Co.	WV	
Service Location	Casing Footage	Size	Job Purpose
	1980'	4 1/2"	
Acct. No.	Customer Agent	Customer P. O. No.	Shipped Via
			Ticket Date
			Aug. 8, 1991

Gene Stalnaker, Inc.
220 West Main Street
Glennville, WV 26351

Description	Quantity	U/M	Unit Price	Amount
Pumper Charge				\$ 825.00
Top Plug				---
Cement - Class A	50	Sks.	\$ 6.04	\$ 302.00
Aquagel	2	Sks.	\$ 12.00	\$ 24.00
Calcium Chloride				---
Celloflake				---
Bulk Service Charge	50	Sks.	\$.85	\$ 42.50
Blending Charge				N/C
Mileage - Pumper	15	Mi.	\$ 1.75	\$ 26.25
Bulk Materials - Cement Div.	2.35	Ton/Mi.	\$.70	\$ 24.68
Service				\$ 918.43
Materials				\$ 326.00
TOTALS:				\$1,244.43

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AUG 16 1991

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02/28/2014

