

TEE Engineering Company, Inc.

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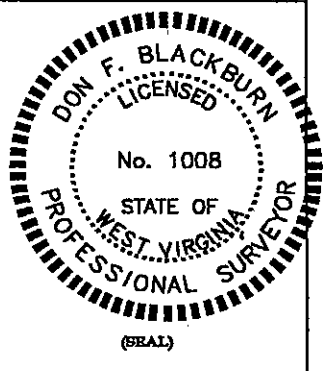
GeoMet Operating Company, Inc.
Well No. ROGERS 102-106-162

FILE NO. 1883-08/2004 WELLS
DRAWING NO. WELL ROGERS 162 PLAT
SCALE: 1" = 2,000'
MIN. DEGREE OF ACCURACY 1 : 2,500
PROVEN SOURCE OF ELEVATION
GPS STATION TEC-1 (ELEV. 2406.60)

I, THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF MINES.

Don F. Blackburn
(SIGNATURE)

R.P.E. _____ R.P.S. 1008



STATE OF WEST VIRGINIA

DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS

DATE AUGUST 17, 2004
OPERATOR'S WELL NO. ROGERS 102-106-162

API WELL NO. 47 - 047 - 01959-C
STATE COUNTY PERMIT

WELL TYPE: OIL GAS CBM LIQUID INJECTION WASTE DISPOSAL SEP 17 2004
(IF "GAS") PRODUCTION STORAGE DEEP SHALLOW
LOCATION: ELEVATION 2,218.85' NORTHING 111178.97 EASTING 1760008.90
DISTRICT SANDY RIVER WATER SHED DRY MONDAY BRANCH OF BRADSHAW CREEK
QUADRANGLE BRADSHAW COUNTY MCDOWELL

SURFACE OWNER BOBBY C. FINLEY ACREAGE _____
CBM ROYALTY OWNER LBR HOLDINGS, LLC LEASE ACREAGE 3,836.13
LEASE NO. _____ RECORDING IN PROGRESS _____

PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR
STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW
FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____

PLUG AND ABANDON CLEAN OUT AND REPLUG
TARGET FORMATION NEW RIVER AND POCAHONTAS COALS ESTIMATED DEPTH 2,030'
WELL OPERATOR GEOMET OPERATING COMPANY, INC. DESIGNATED AGENT KERRY HILL
ADDRESS 5336 STADIUM TRACE PARKWAY SUITE 206 ADDRESS 330 HARPER PARK DRIVE SUITE A
BIRMINGHAM, ALABAMA 35244 BECKLEY, WV 25801

Mcdow 1959-C

66(270)

State of West Virginia
Department of Environmental Protection
Office of Oil and Gas

Well Operator's Report of Well Work

FARM NAME: Bobby C. Finley OPERATOR WELL NO.: Rogers 102-106-162

LOCATION:

Elevation: 2,218.85' Quadrangle: Bradshaw

District: Sandy River County: McDowell
Latitude: 9,706' Feet South of 37 Deg. 20 Min. 00 Sec.
Longitude: 11,268' Feet West of 81 Deg. 47 Min. 30 Sec.

Company: <u>GeoMet Operating Company</u>	Casing & Tubing	Used in Drilling	Left in Well	Cement fill up Cu. Ft.
Address: 5336 Stadium Trace Parkway, Suite 206 Birmingham, Alabama 35244	13-3/8"	22'	22'	
Agent: <u>Gregg Cleary</u>				
Inspector: <u>Bill Hatfield</u>	8-5/8"	763'	763'	194/Pumped 258
Date Permit Issued: <u>September 10, 2004</u>				
Date Well Work Commenced: <u>September 30, 2004</u>	5-1/2"	2043'	2043'	354/Pumped 390
Date Well Work Completed: <u>November 23, 2004</u>				
Verbal Plugging:				
Date Permission granted on:				
Rotary XXXX Cable Rig				
Total Depth (feet): <u>2050'</u>				
Fresh Water Depth (feet): <u>Unknown</u>				
Salt Water Depth (feet): <u>Unknown</u>				
Is coal being mined in area (N/Y)? <u>No</u>				

Coal Depths (feet): 787, 816, 861, 943, 949, 990, 1034, 1278, 1340, 1362, 1391, 1428, 1445, 1559, 1589, 1624, 1639, 1666, 1716

OPEN FLOW DATA

Producing formation All Zones Commingled Pay zone depth (ft) _____
Gas: Initial Open Flow 130 MCF/d Oil: Initial Open Flow _____ Bbl/d
Final Open Flow _____ MCF/d Final Open Flow _____ Bbl/d
Time of Open Flow between initial and final tests _____ Hours
Static Rock Pressure 400 psig (surface pressure) after 96 Hours

NOTE: ON BACK OF THIS FORM PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

SIGNED: _____
BY: Karen Rye
DATE: December 13, 2004

RECEIVED
Office of Oil & Gas
DEC 21 2004

WV Department of
Environmental Protection

McDow
1959

DRILL DATA HOLE-NOAH HORN WELL DRILLING, INC

COMPANY: GEOMET HOLE #: ROGERS #162
 LOCATION: THREE FORKS/BUG HURLEY RIGHT FORK DRILL RIG #: 94
 DATE STARTED: 09-28-04 DATED COMPLETED: 10-05-04
 ELECTRIC LOGGED: YES GROUTED: YES

DEPTH		THICKNESS	STRATA	REMARKS
FROM	TO	FT	DESCRIPTION, VOIDS ETC	
0	30	30	SAND STONE 21.25' W/ 13 3/8" CASING	
30	61	31	SAND STONE SANDY SHALE	
61	92	31	SANDY SHALE / COAL / SAND STONE	
92	123	31	SAND STONE / SANDY SHALE / SAND STONE / COAL / SANDY SHALE	
123	154	31	SANDY SHALE	
154	185	31	SANDY SHALE / 2 COAL SMS/SAND STONE	
185	215	30	SAND STONE / SANDY SHALE / COAL / SAND STONE	
215	245	30	SAND STONE / SANDY SHALE STRKS	
245	275	30	SAND STONE / SANDY SHALE STRKS	
275	305	30	SANDY SHALE / COAL / SAND STONE STR	
305	335	30	SANDY SHALE / COAL STR / SAND STONE STR	
335	365	30	SANDY SHALE / COAL / SAND STONE	
365	395	30	SAND STONE STR / SANDY SHALE / COAL / SAND STONE STR	
395	425	30	SAND STONE / COAL / SANDY SHALE	
425	455	30	SANDY SHALE / SAND STONE / COAL / SANDY SHALE	
455	485	30	SAND YSHALE / COAL / SAND STONE STR	
485	515	30	SANDY SHLAE / COAL / SAND STONE	
515	545	30	SAND STONE STR / SANDY SHALE / COAL STR	
545	575	30	SANDY SHALE	
575	605	30	SANDY SHALE / COAL (3 STRKS)	
605	635	30	SANDY SHALE STR / SAND STONE / SANDY SHALE STR	
635	665	30	SANDY SHALE STR / SAND STONE / SANDY SHALE STR	
665	695	30	SANDY SHALE / COAL / SAND STONE STR	
695	725	30	SANDY SHALE / SAND STONE STRKS	
725	755	30	SANDY SHALE / COAL / SAND STONE STR	
755	780	25	SAND STONE / SANDY SHALE STR 763.15' W/ 8 5/8" CASING	
780	810	30	SAND STONE / SANDY SHALE STRKS	
810	840	30	COAL 2 / SAND STONE	
840	870	30	SAND STONE / SANDY SHALE / COAL STRKS	
870	900	30	SAND STONE / SANDY SHALE	
900	930	30	SAND STONE STR / SANDY SHALE	
930	960	30	SANDY SHALE / 2 COAL STRKS	
960	990	30	SANDY SHALE / SAND STONE/COAL 1	
990	1020	30	SAND STONE / SANDY SHALE STRK	
1020	1050	30	SAND STONE / SANDY SHALE	
1050	1080	30	SANDY SHALE	
1080	1110	30	SHALE / SAND STONE STRKS / POSS COAL	
1110	1140	30	SANDY SHALE	

1140	1170	30	SANDY SHALE / SAND STONE STR
1170	1200	30	SAND STONE STR / SANDY SHALE / SAND STONE STR
1200	1230	30	SAND STONE / SANDY SHALE STR / POSS COAL STR
1230	1260	30	SAND STONE / SANDY SHALE STR
1260	1290	30	SAND STONE / SANDY SHALE / COAL 2 / SANDY SHALE / SAND STONE
1290	1320	30	SAND STONE / SANDY SHALE / COAL STR
1320	1350	30	SANDY SHALE / SHALE STR / POSS COAL STR
1350	1380	30	SANDY SHALE / SAND STONE
1380	1410	30	SAND STONE / SHALE / SAND STONE
1410	1440	30	SAND STONE / SANDY SHALE / COAL STR
1440	1535	95	SAND STONE / SANDY SHALE
1535	1565	30	SAND STONE / SANDY SHALE / COAL
1565	1595	30	SANDY SHALE / COAL 2 / SAND STONE STR
1595	1625	30	SAND STONE / COAL 1 / SAND SHALE
1625	1655	30	SANDY SHALE / COAL 2 W / SHALE STR / SAND STONE STR
1655	1685	30	SANDY SHALE / COAL STR / SAND STONE / SANDY SHALE STR
1685	1715	30	SAND STONE / SANDY SHALE
1715	1745	30	SAND STONE / COAL STR / SAND STONE
1745	1775	30	SANDY SHALE / SAND STONE
1775	1805	30	SAND STONE / SANDY SHALE STRKS
1805	1835	30	SAND STONE / SANDY SHALE STRKS / POSS COAL STR
1835	1865	30	SAND STONE / SANDY SHALE
1865	1895	30	SANDY SHALE / COAL STR / SANDY SHALE
1895	1955	60	SAND STONE
1955	1985	30	SAND STONE / SHALE STR
1985	2015	30	SAND STONE STR / SANDY SHALE
2015	2045	30	SANDY SHALE / SAND STONE STR

2045.00 FT. TOTAL DEPTH
21.25 FT. OF 13 3/8" CASING
763.15 FT. OF 8 5/8" CASING
2042.75 FT. OF 5 1/2" CASING

2042.75' W/ 5 1/2" CASING
TD 7 7/8" HOLE

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Well Name Rogers 162

PBTD

2038'

Zone and Perforation Table

	Ball Out	Bridge Plug Set @	Est Sand Weight	Actual Sand Weight
Stage 6 Interval	1,278	1,280		
N2 Scf	349,250		25,000	26,700
Acid	500			
Gel Volume	8,522	Gal		
ISIP	1,582			
ATP	2,625			
AIR	25	BPM		
Stage 7 Interval				
N2 Scf				
Acid				
Gel Volume	Gal			
ISIP				
ATP				
AIR	BPM			
Stage 8 Interval				
N2 Scf				
Acid				
Gel Volume				
ISIP				
ATP				
AIR	BPM			
Stage 9 Interval				
N2 Scf				
Acid				
Gel Volume				
ISIP				
ATP				
AIR	BPM			
Stage 10 Interval				
N2 Scf				
Acid				
Gel Volume				
ISIP				
ATP				
AIR				

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GeoMet Operating Company, Inc.
Perforation and Frac Volume Specification

Well Name Rogers 162 PBTB 2038'

Zone and Perforation Table

Frac	1757' - 1759'		Ball Out	Bridge Plug Set @	Est Sand Weight	Actual Sand Weight
Stage 1 Interval	1762'	1764'				
N2 Scf	10,650		1880' - 1882'	No Plug	15,000	
Acid	250					
Gel Volume	3,200	Gal				
ISIP	3,990					
ATP	3,775					
AIR	18	BPM				
Stage 2 Interval	1,714	1717				
N2 Scf	295,000		36 Perf Balls	1690'		
Acid	250					
Gel Volume	5,800	Gal				
ISIP	2,570					
ATP	3,095					
AIR	24	BPM				
Stage 3 Interval	1,621	1623				
N2 Scf	450,000		1638' - 1640'/1666' - 1668'	B/O w/36 Balls		
Acid	450					
Gel Volume	11,130	Gal				
ISIP	1,263					
ATP	3,098					
AIR	26	BPM				
Stage 4 Interval	1,557	1559				
N2 Scf	366,000		1588' - 1590'	Ball Out w/ 24 Perf Balls		
Acid	500					
Gel Volume	10,038	Gal				
ISIP	1,770					
ATP	2,566					
AIR	24.5	BPM				
Stage 5 Interval	1,426	1428				
N2 Scf	433,300		1444' - 1446'/1390' - 1392'	Ball Out w/ 36 Perf Balls		
Acid	500					
Gel Volume	10,164	Gal				
ISIP	1,131					
ATP	2,602					
AIR	27	BPM				
						No Plug