

TEE Engineering Company, Inc.
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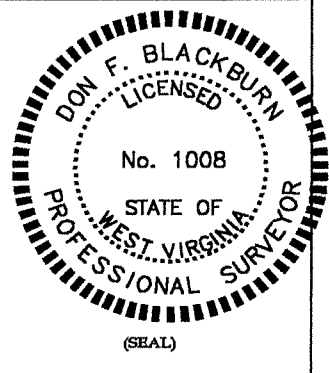
GeoMet Operating Company, Inc.
Well No. ROGERS 99-107-184

FILE NO. 1883-08/2005 WELLS
DRAWING NO. WELL ROGERS 184 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 APRIL 12, 2005
OPERATOR'S WELL NO. ROGERS 99-107-184
API WELL NO. 47 - 047 - 02069-C
STATE COUNTY PERMIT

WELL TYPE: OIL _____ GAS X CBM LIQUID INJECTION _____ WASTE DISPOSAL _____
(IF "GAS") PRODUCTION X STORAGE _____ DEEP _____ SHALLOW _____
LOCATION: ELEVATION 2,217.95' NORTHING 113196.76 EASTING 1753566.45
DISTRICT SANDY RIVER WATER SHED WOLF PEN BRANCH OF BRADSHAW CREEK
QUADRANGLE BRADSHAW COUNTY McDOWELL

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

PROPOSED WORK: DRILL X CONVERT _____ DRILL DEEPER _____ REDRILL _____ FRACTURE OR
STIMULATE X 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 2,082.95'
WELL OPERATOR GEOMET OPERATING COMPANY, INC. DESIGNATED AGENT KERRY HILL
ADDRESS 5336 STADIUM TRACE PARKWAY SUITE 206 BIRMINGHAM, ALABAMA 35244 ADDRESS 330 HARPER PARK DRIVE SUITE A BECKLEY, WV 25801

6-61350

MAY 27 2005

M. Don 2009-C

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

Boyer

Well Operator's Report of Well Work

FARM NAME: LBR Holdings, LLC

OPERATOR WELL NO.: Rogers 99-107-184

LOCATION:

Elevation: 2,217.95' Quadrangle: Bradshaw

District: Sandy River County: McDowell
Latitude: 4,047 Feet South of 37 Deg. 20 Min. 00 Sec.
Longitude: 9,304 Feet West of 81 Deg. 50 Min. 00 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"	20'	20'	
Agent: <u>Gregg Cleary</u>				
Inspector: <u>Bill Hatfield</u>	8-5/8"	542'	542'	122/Pumped 138
Date Permit Issued: <u>May 23, 2005</u>				
Date Well Work Commenced: <u>June 13, 2005</u>	5-1/2	2071'	2071'	359/Pumped 215
Date Well Work Completed: <u>June 22, 2005</u>				
Verbal Plugging:				
Date Permission granted on:				
Rotary <u>XXXX</u> Cable <u> </u> Rig				
Total Depth (feet): <u>2085'</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): 649, 794, 883, 887, 908, 918, 982, 1008, 1046, 1085, 1349, 1370, 1433, 1502, 1581, 1601, 1607, 1651, 1678, 1693, 1696, 1697, 1764, 1801, 1806, 1857

OPEN FLOW DATA

Producing formation All Zones Commingled Pay zone depth (ft) _____
Gas: Initial Open Flow 32 MCF/d Oil: Initial Open Flow _____ Bbl/d
Final Open Flow N/A MCF/d Final Open Flow _____ Bbl/d
Time of Open Flow between initial and final tests N/A Hours
Static Rock Pressure 101 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: *Bill Hatfield*
BY: *Karen Rye*
DATE: June 30, 2005

McDow 20069

SEP 03 2005

DRILL DATA HOLE-NOAH HORN WELL DRILLING, INC

COMPANY: GEOMET HOLE #: 184
 LOCATION: BUCKEYE HOLLOW DRILL RIG #: 76
 DATE STARTED: 06-13-05 DATED COMPLETED: 06-17-05
 ELECTRIC LOGGED: YES GROUTED: YES

DEPTH		THICKNESS	STRATA	REMARKS
FROM	TO	FT	DESCRIPTION, VOIDS ETC	
0	20	20	OVERBURDEN 20' W/ 13 3/8" CASING	
20	60	40	SANDY SHALE	
60	90	30	SAND/SHALE/COAL	
90	120	30	SANDY SHALE	
120	180	60	SAND	
180	210	30	SAND/SHALE	
210	240	30	SANDY SHALE/COAL/SANDY SHALE	
240	270	30	SANDY SHALE	
270	300	30	SAND/SHALE/COAL	
300	330	30	SAND	
330	390	60	SANDY SHALE	
390	420	30	SAND/SHALE/COAL	
420	450	30	SANDY SHALE	
450	480	30	SANDY SHALE/SAND STONE/COAL	
480	510	30	SANDY SHALE/COAL/SAND STONE	
510	540	30	SAND STONE/SANDY SHALE	
540	560	20	SANDY SHALE	
			541.92' W/ 8 5/8" CASING	
560	570	10	CEMENT & SANDY SHALE	
570	690	120	SANDY SHALE	
690	720	30	SAND STONE	
720	750	30	SAND STONE/SANDY SHALE	
750	810	60	SANDY SHALE	
810	870	60	SAND STONE	
870	900	30	SANDY SHALE	
900	930	30	SANDY SHALE/SAND STONE	
930	1020	90	SAND STONE	
1020	1140	120	SANDY SHALE	
1140	1170	30	SANDY SHALE/SAND STONE	
1170	1320	150	SAND STONE	
1320	1350	30	SAND STONE/SANDY SHALE/COAL	
1350	1470	120	SAND STONE	
1470	1500	30	SAND STONE/COAL	
1500	1530	30	SAND STONE	
1530	1560	30	SAND STONE/SANDY SHALE	
1560	1590	30	SANDY SHALE/SAND STONE/COAL	
1590	1620	30	SAND STONE/SANDY SHALE/COAL	
1620	1650	30	SANDY SHALE	
1650	1680	30	SANDY SHALE/COAL	
1680	1710	30	SANDY SHALE/COAL/SAND STONE	
1710	1740	30	SAND STONE	
1740	1770	30	SAND STONE/COAL/SANDY SHALE	

1770	1830	60	SAND STONE
1830	1860	30	SAND STONE/COAL/SANDY SHALE
1860	1890	30	SANDY SHALE/SAND STONE
1890	1920	30	SANDY SHALE/COAL
1920	1950	30	SANDY SHALE/SAND STONE
1950	2070	120	SAND STONE
2070	2085	15	RED ROCK 2075' W/ 5 1/2" CASING

2085.00 FT. TOTAL DEPTH
 20.00 FT. OF 13 3/8" CASING
 541.92 FT. OF 8 5/8" CASING
 2075.00 FT. OF 5 1/2" CASING

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SEP 07 2005

**GeoMet Operating Company, Inc.
Perforation and Frac Volume Specification**

Well Name Rogers 184

PBTD

2071

Zone and Perforation Table

Frac Stage 1 Interval	1761-1764		Ball Out Yes	Bridge Plug Set @	Est Sand Weight	Actual Sand Weight
	1799	1800				
N2 Scf	252,000		Ball out	Bridge Plug 1720'	20,000	20,500
Acid	200					
Gel Volume	5,230					
ISIP	1,630					
ATP	2,659					
AIR	33.5	BPM				
Stage 2 Interval	1,651	1653				
N2 Scf	398,000		1677-1679 1691-1693 1694-1696 Ball Out Bridge Plug 1630'			
Acid	350					
Gel Volume	8,200					
ISIP	1,584					
ATP	2,813					
AIR	35	BPM				
Stage 3 Interval	1,579	1580				
N2 Scf	300,000		1600-1602 1605-1607 Ball Out Bridge Plug 1540'			
Acid	550					
Gel Volume	6,636					
ISIP	1,914					
ATP	3,287					
AIR	29	BPM				
Stage 4 Interval	1,348	1350				
N2 Scf	329,000		1369-1371 1433-1435 1501-1503 Ball Out Bridge Plug 1120'			
Acid	400					
Gel Volume	7,100					
ISIP	1,549					
ATP	3,058					
AIR	33.5	BPM				
Stage 5 Interval	980	982				
N2 Scf			1007-1009 1046-1047 1084-1086 Ball Out Bridge Plug 950'			
Acid						
Gel Volume						
ISIP						
ATP						
AIR	BPM					

Well Name Rogers 184

PBTD

2071'

Zone and Perforation Table

Stage Interval	883-884		Ball Out	Bridge Plug Set @	Est Sand Weight	Actual Sand Weight
	886	887				
Stage 6 Interval			908-909	917-918	20,000	
N2 Scf			Ball Out No Bridge Plug			
Acid						
Gel Volume						
ISIP						
ATP						
AIR		BPM				
Stage 7 Interval						
N2 Scf			No Bridge Plug			
Acid						
Gel Volume						
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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