

TEE Engineering Company, Inc.
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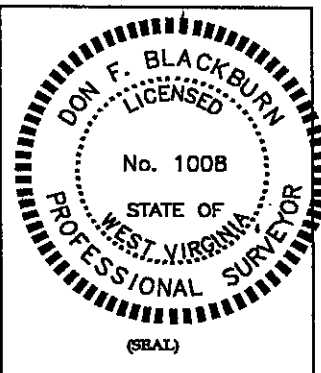
GeoMet Operating Company, Inc.
Well No. ROGERS 102-105-161

FILE NO. 1883-08/2004 WELLS
 DRAWING NO. WELL ROGERS 161 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 102-105-161

API WELL NO. 47 - 047 - 01958-C
 STATE COUNTY PERMIT

WELL TYPE: OIL _____ GAS CBM _____ LIQUID INJECTION _____ WASTE DISPOSAL _____
 (IF "GAS") PRODUCTION STORAGE _____ DEEP _____ SHALLOW _____

LOCATION: ELEVATION 1,834.85' NORTHING 109818.68 EASTING 1759755.49
 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 1,573'
 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

6-6 (270)

Mc Dow 1958-C

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

MT

Well Operator's Report of Well Work

FARM NAME: Bobby C. Finley OPERATOR WELL NO.: Rogers 102-105-161

LOCATION:

Elevation: 1,834.85' Quadrangle: Bradshaw

District: Sandy River County: McDowell
Latitude: 9,947' Feet South of 37 Deg. 20 Min. 00 Sec.
Longitude: 12,631' 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: <u>5336 Stadium Trace Parkway, Suite 206 Birmingham, Alabama 35244</u>	<u>13-3/8"</u>	<u>19'</u>	<u>19'</u>	
Agent: <u>Gregg Cleary</u>				
Inspector: <u>Bill Hatfield</u>	<u>8-5/8"</u>	<u>330'</u>	<u>330'</u>	<u>84/Pumped 180</u>
Date Permit Issued: <u>September 10, 2004</u>				
Date Well Work Commenced: <u>September 17, 2004</u>	<u>5-1/2"</u>	<u>1571'</u>	<u>1571'</u>	<u>272/Pumped 293</u>
Date Well Work Completed: <u>October 12, 2004</u>				
Verbal Plugging:				
Date Permission granted on:				
Rotary <u>XXXX</u> Cable Rig				
Total Depth (feet): <u>1595'</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): 394, 442, 524, 581, 624, 807, 835, 865, 921, 926, 941, 974, 1037, 1099, 1142, 1168, 1200, 1232, 1259, 1315, 1356, 1362

OPEN FLOW DATA

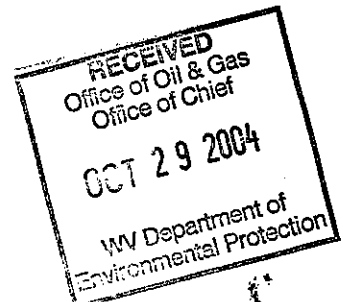
Producing formation All Zones Commingled Pay zone depth (ft) _____
Gas: Initial Open Flow 26 MCF/d Oil: Initial Open Flow _____ Bbl/d
Final Open Flow _____ MCF/d Final Open Flow _____ Bbl/d
Time of Open Flow between initial and final tests _____ Hours
Static Rock Pressure 124 psig (surface pressure) 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: 10-20-04



Mc Dow 1958

DRILL DATA HOLE-NOAH HORN WELL DRILLING, INC

COMPANY: GEOMET

HOLE #: ROGERS #161

LOCATION: RIGHT FORK BUG HURLEY

DRILL RIG #: 94

DATE STARTED: 09-15-04

DATED COMPLETED: 09-18-04

ELECTRIC LOGGED: YES

GROUTED: YES

DEPTH		THICKNESS	STRATA	REMARKS
FROM	TO	FT	DESCRIPTION, VOIDS ETC	
0	5	5	OVERBURDEN	
5	19	14	SOFT SAND / SHALE / COAL / SAND STONE 18.55' W/ 13 3/8" CASING	
19	30	11	SAND STONE / COAL / SANDY SHALE	
30	61	31	SANDY SHALE / COAL / SANDY SHALE / COAL / SANDY SHALE	
61	92	31	SAND STONE / COAL STR / SAND STONE	
92	123	31	COAL STR / SAND STONE / SANDY SHALE / SAND STONE	
123	154	31	SAND STONE / COAL STR / SAND STONE / SANDY SHALE	
154	185	31	SAND STONE / COAL STR / SAND STONE	
185	215	30	SAND STONE / SANDY SHALE / SAND STONE	
215	245	30	SAND STONE	
245	305	60	SAND STONE / SANDY SHALE STRKS	
305	335	30	COAL / SAND STONE / SANDY SHALE 329.55' W/ 8 5/8" CASING	
335	345	10	SAND STONE	
345	360	15	SAND / SANDY SHALE	
360	390	30	SANDY SHALE / COAL	
390	420	30	SANDY SHALE / COAL / SAND STONE	
420	450	30	SAND STONE / COAL / SANDY SHALE	
450	480	30	SAND STONE / SANDY SHALE STRKS	
480	510	30	SAND STONE / SANDY SHALE	
510	540	30	SANDY SHALE / COAL 2 / SAND STONE STR	
540	570	30	SAND STONE / SANDY SHALE / SAND STONE	
570	600	30	SAND STONE / COAL 2 / SAND STONE	
600	630	30	SAND STONE / COAL 1 / SAND STONE	
630	660	30	SAND STONE / SANDY SHALE	
660	690	30	SANDY SHALE	
690	720	30	SANDY SHALE / COAL STR / SAND STONE	
720	750	30	SAND STONE / COAL STR / SANDY SHALE	
750	780	30	SAND STONE	
780	810	30	SAND STONE / SANDY SHALE STRKS	
810	840	30	SAND STONE / SANDY SHALE STRKS / 2 COAL STRKS	
840	870	30	SAND STONE / COAL 3 / SANDY SHALE	
870	900	30	SAND STONE / SANDY SHALE	
900	930	30	SANDY SHALE / COAL	
930	960	30	SANDY SHALE / COAL / SAND STONE STRKS	
960	990	30	SANDY SHALE / COAL 2 / SHALE 3 / SAND STONE	

990	1020	30	SAND STONE
1020	1050	30	SAND STONE / COAL / SANDY SHALE / SAND STONE STR
1050	1080	30	SANDY SHALE / SAND STONE STR
1080	1110	30	SANDY SHALE / 2 COAL STRKS
1110	1140	30	SANDY SHALE / SAND STONE / COAL STR / SANDY SHALE
1140	1170	30	SANDY SHALE / COAL 1
1170	1200	30	SANDY SHALE / SAND STONE STRKS
1200	1230	30	SAND STONE / 1COAL STR / SANDY SHALE
1230	1260	30	SANDY SHALE / 1 COAL STR / SANDY SHALE
1260	1290	30	SANDY SHALE / SAND STONE STR
1290	1320	30	SANDY SHALE / COAL 2 W SHALE STR / SAND STONE STR
1320	1350	30	SAND STONE / SANDY SHALE STRKS
1350	1380	30	SANDY SHALE / COAL 2 / SAND STONE / SANDY SHALE
1380	1410	30	SAND STONE / SANDY SHALE
1410	1445	35	SAND SHALE / COAL 2 / SAND STONE
1445	1475	30	SAND STONE / SANDY SHALE
1475	1505	30	SAND SHALE / SAND STONE STRKS
1505	1535	30	SANDY SHALE / SAND STONE
1535	1565	30	SAND STONE / SHALE STKS
1565	1595	30	SAND STONE / SANDY SHALE

TD 7 7/8" HOLE

1570.95' W/ 4 1/2" CASING

1595.00 FT. TOTAL DEPTH

18.55 FT. OF 13 3/8" CASING

329.55 FT. OF 8 5/8" CASING

1570.95 FT. OF 5 1/2" CASING

McDow 1958

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

Well Name Rogers 161 PBTB 1571'

Zone and Perforation Table

Frac Stage	1355' - 1357'		Ball Out	Bridge Plug Set @	Est Sand Weight	Actual Sand Weight
	1484	1486				
Stage 1 Interval					15,000	
N2 Scf			B/O w/24 Perf Balls on Bottom No Plug			
Acid	450					
Gel Volume	3,330	Gal				
ISIP	3,584					
ATP	3,793					
AIR	2	BPM				
Stage 2 Interval	1,314	1317				20,000
N2 Scf	307,000		No Balls 30 Balls on Plug @ 1280'			
Acid	250					
Gel Volume	7,168					
ISIP	1,708					
ATP	2,774					
AIR	33	BPM				
Stage 3 Interval	1,198	1200				20,000
N2 Scf	307,000		1230' - 1232'/1259' - 1261' B/O w/30 Perf Balls 1185'			
Acid	500					
Gel Volume	8,290					
ISIP	1,394					
ATP	2,973					
AIR	35	BPM				
Stage 4 Interval	1,141	1143				20,000
N2 Scf	203,000		1167' - 1169' Ball Out w/24 Perf Balls 1125'			
Acid	600					
Gel Volume	7,570					
ISIP	2,080					
ATP	2,812					
AIR	19	BPM				
Stage 5 Interval	1,098	1100				20,000
N2 Scf			1108' - 1110' B/O w/24 Perf Balls No Plug			
Acid	500					
Gel Volume	1,000					
ISIP	3,850					
ATP	4,000					
AIR	3	BPM				

Well Name Rogers 161

PBTD 1571'

Zone and Perforation Table

	Ball Out	Bridge Plug Set @	Est Sand Weight	Actual Sand Weight
Stage 6 Interval	920	922		
N2 Scf	293,000		20,000	26,000
Acid	500			
Gel Volume	8,840			
ISIP	1,427			
ATP	2,714			
AIR	29	BPM		
	926' - 928'/974' - 976' 938' - 939' B/O w/30 Perf Balls 900'			
Stage 7 Interval	864	867	15,000	26,000
N2 Scf	204,000			
Acid	250			
Gel Volume	6,020			
ISIP	1,214			
ATP	2,014			
AIR	32.0	BPM		
	No Plug			
	No Plug			
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				

McDow 1958