

TEE Engineering Company, Inc.

320 Cutlers Hill Court
Lexington, KY 40509
(859) 263-5350
Fax (859) 263-5345



P.O. Box 219
Staeville, KY 41659
(606) 478-9024
Fax (606) 478-9019

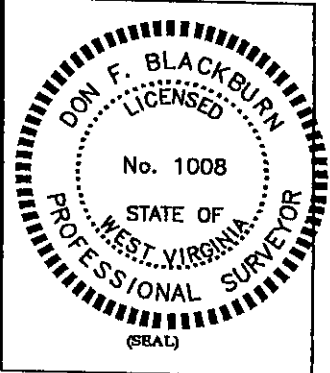
GeoMet Operating Company, Inc.
Well No. Pond Creek 108-110-049

FILE NO. 1925-11
DRAWING NO. WELL 49 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 MAY 6, 2002
OPERATOR'S WELL NO. POND CREEK 108-110-049 REV
API WELL NO. 47 - 047 - 01674-C-F
STATE COUNTY PERMIT

WELL TYPE: OIL _____ GAS X CBM LIQUID INJECTION _____ WASTE DISPOSAL _____
(IF "GAS") PRODUCTION X STORAGE DEEP _____ SHALLOW _____
LOCATION: ELEVATION 2,264.66 WATER SHED LITTLE SLATE CREEK
DISTRICT BIG CREEK COUNTY McDOWELL
QUADRANGLE BRADSHAW

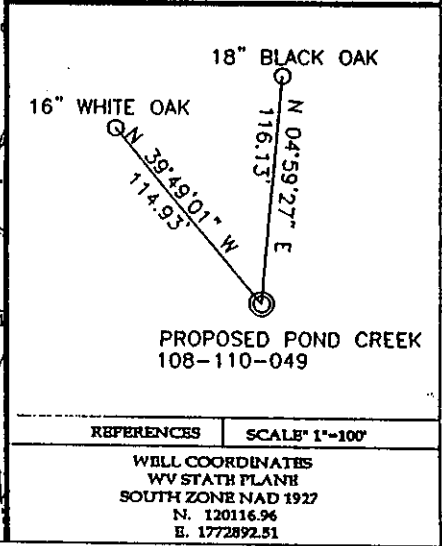
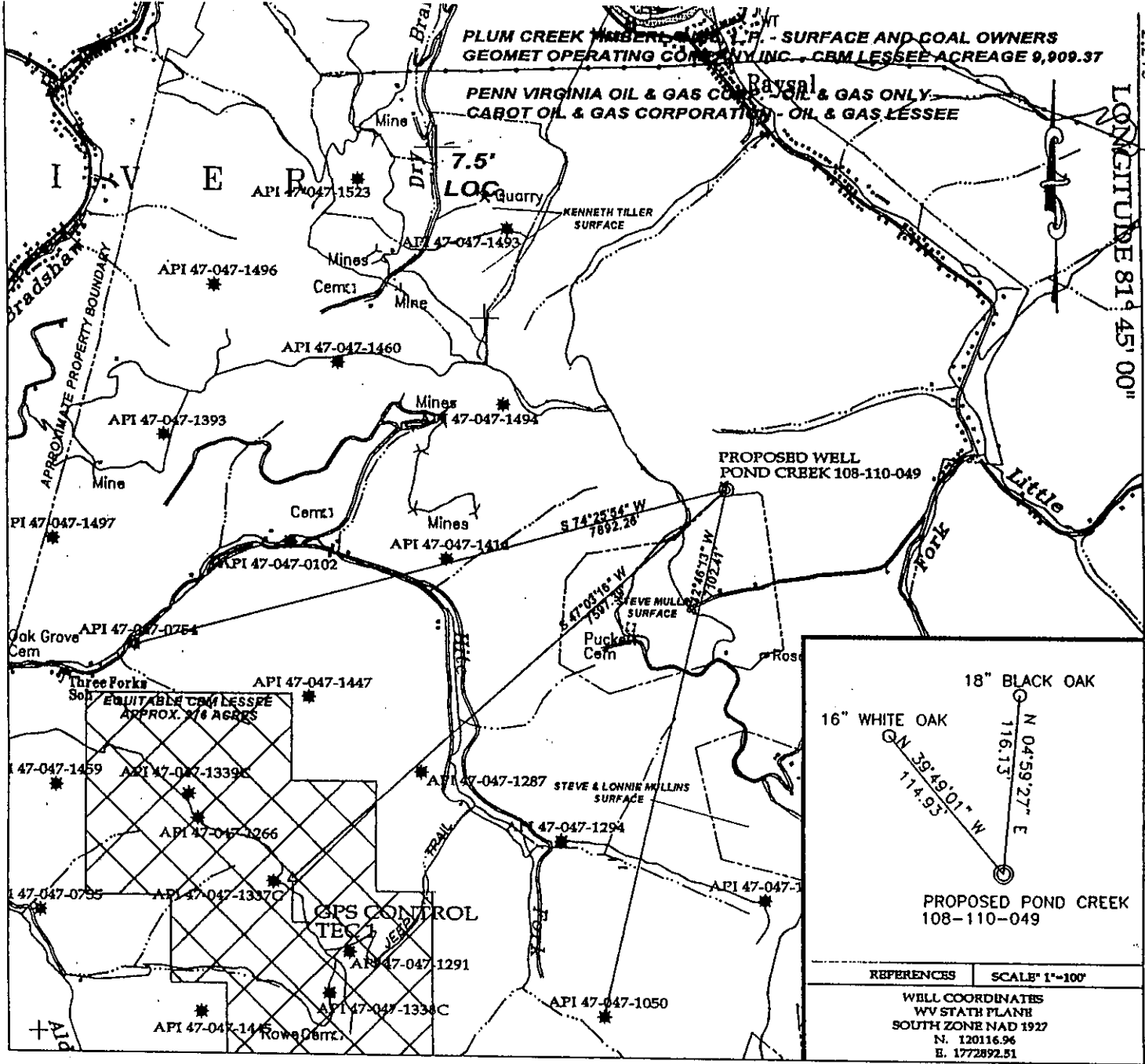
SURFACE OWNER THE FORESTLAND GROUP LLC ACREAGE 9,909.37
CBM ROYALTY OWNER PLUM CREEK TIMBERLANDS, L.P. LEASE ACREAGE 9,909.37
LEASE NO. RECORDING IN PROGRESS

PROPOSED WORK: DRILL X _____ 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 2,150'
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

JAN 07 2005

Mc Dow 1674 E



TEE Engineering Company, Inc.
 320 Century III Court
 Lexington, KY 40509
 (859) 263-3350
 Fax (859) 263-3343

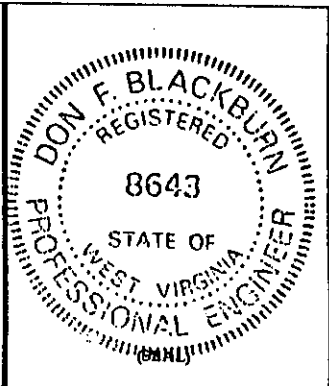
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R.P.E. 8643 R.P.S.



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 DEPARTMENT OF ENVIRONMENTAL PROTECTION
 OFFICE OF OIL AND GAS

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 FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____

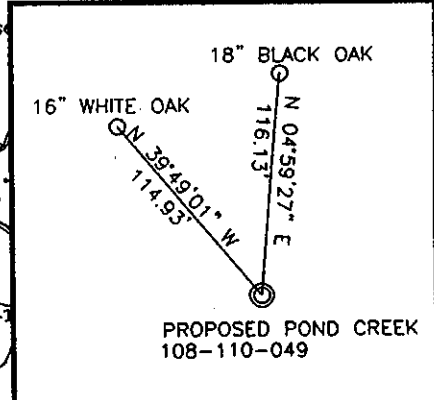
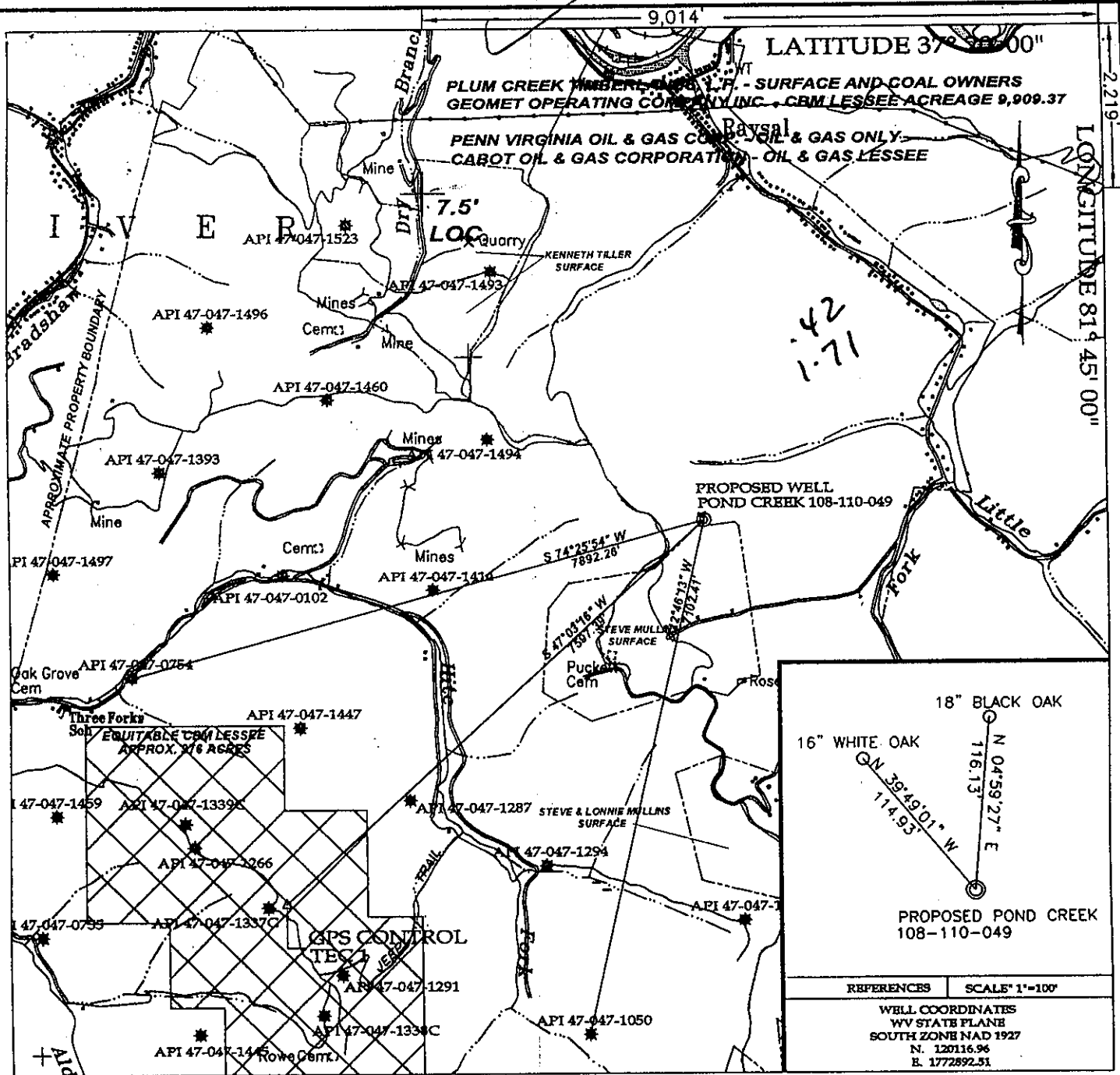
PLUG AND ABANDON CLEAN OUT AND REPLUG

TARGET FORMATION NEW RIVER AND POCAHONTAS COALS ESTIMATED DEPTH 2,150'
 WELL OPERATOR GEOMET OPERATING COMPANY, INC. DESIGNATED AGENT GREGG CLEARY
 ADDRESS 5336 STADIUM TRACE PARKWAY SUITE 3206 ADDRESS 1105 HEATHERWOOD ROAD
BIRMINGHAM, ALABAMA 35244 BLUEFIELD, WV 24701

DEC 3 0 2004

DEC 3 0 2004

Mc Dow 1674 F



REFERENCES SCALE 1"=100'

WELL COORDINATES
 WV STATE PLANE
 SOUTH ZONE NAD 1927
 N. 120116.96
 E. 1772892.51

TEE Engineering Company, Inc.
 320 Cutlers Hill Court
 Lexington, KY 40509
 (859) 263-3330
 Fax (859) 263-3345

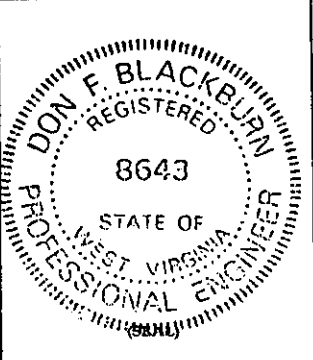
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BIRMINGHAM, ALABAMA 35244 BLUEFIELD, WV 24701

(383)

MAY 7 2002

McDowell 1674C

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

MZ

Well Operator's Report of Well Work

FARM NAME: Plum Creek Timberlands, L.P. OPERATOR WELL NO.: PC #49

LOCATION:

Elevation: 2,264.66' Quadrangle: Bradshaw

District: Sandy River County: McDowell
Latitude: 9,014 Feet South of 37 Deg. 20 Min. 00 Sec.
Longitude: 2,219 Feet West of 81 Deg. 45 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>22'</u>	<u>22'</u>	
Agent: <u>Gregg Cleary</u>				
Inspector: <u>Ronnie Scott</u>	<u>8-5/8"</u>	<u>1250'</u>	<u>1250'</u>	<u>516/Pumped 72</u>
Date Permit Issued: <u>July 5, 2002</u>				
Date Well Work Commenced: <u>August 12, 2002</u>	<u>10-3/4"</u>	<u>332'</u>	<u>332'</u>	<u>79/Pumped 85</u>
Date Well Work Completed: <u>October 22, 2002</u>				
Verbal Plugging:	<u>5-1/2"</u>	<u>2110'</u>	<u>2110'</u>	<u>366/Pumped 436</u>
Date Permission granted on:				
Rotary <u>XXXX</u> Cable Rig				
Total Depth (feet): <u>2150'</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): 1293/1440/1558/1615/1692/1760/1866/1875

OPEN FLOW DATA

Producing formation ALL ZONES COMMINGLED Pay zone depth (ft) _____
Gas: Initial Open Flow N/A 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 140 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: 1-3-2003

FEB 27 2003

MCDOWELL 1674C

API #: 47-01674C

Operator Well #: PC #049

Farm Name: Plum Creek Timberlands, L.P.

1.) Details of perforated intervals, fracturing or stimulating, physical change, etc.

1st Stage:

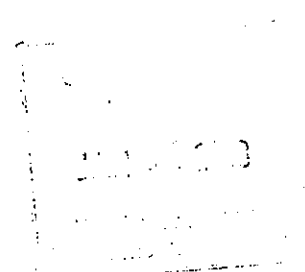
Perf P3-1, 1757' – 1763' & frac on 10/22/02 by Superior with 70Q Foam 4,000# 16/30 Sand, 263,000 SCF N2, 95 Total Bbls Fluid. Breakdown Pressure 3476 PSIG, SCREENED OUT

2nd Stage:

Perf P6-5, 1558' – 1564' & frac on 10/22/02 by Superior with 70Q Foam 62,000# 16/30 Sand, 586,000 SCF N2, 286 Total Bbls Fluid. Breakdown Pressure 2402 PSIG, Average Pressure 2076 PSI, 1498 ISIP

3rd Stage:

Perf P10, 1291' – 1295' & frac on 10/22/02 by Superior with 70Q Foam 33,000# 16/30 Sand, 355,000 SCF N2, 238 Total Bbls Fluid. Breakdown Pressure 2220 PSIG, Average Pressure 2402 PSI, 1675 ISIP



DRILL DATA HOLE - NOAH HORN WELL DRILLING, INC.

COMPANY: GEOMET OPERATING CO. HOLE NO.: GPPC-049

LOCATION: BUG HURLEY HOLLOW DRILL: RIG # 23

DATE STARTED: 08-11-2002 DATE COMPLETED: 08-15-2002

DEPTH		THICKNESS	STRATA	REMARKS
FROM	TO	FT.	DESCRIPTION	VOIDS, ETC
0.00	22.00	22.00	OVERBURDEN	22' W/ 13 3/8" CASING
22.00	61.00	39.00	SAND	
61.00	92.00	31.00	SANDY SHALE	
92.00	123.00	31.00	SANDY SHALE / POSS. COAL / SAND	
123.00	154.00	31.00	SAND / COAL 140'-143' / SANDY SHALE	✓
154.00	184.00	30.00	SANDY SHALE / SAND	
184.00	244.00	60.00	SAND / SANDY SHALE	
244.00	334.00	90.00	SAND / SANDY SHALE STR	
334.00	344.00	10.00	SAND	331.65' W/ 10 3/4" CASING
344.00	370.00	26.00	SAND / SANDY SHALE STR	
370.00	400.00	30.00	SAND / COAL 387'-390' / SANDY SHALE	✓
400.00	430.00	30.00	SANDY SHALE / SAND	
430.00	460.00	30.00	SANDY SHALE / COAL 435'-437' / SAND	✓
460.00	490.00	30.00	SAND / SANDY SHALE	
490.00	520.00	30.00	SANDSTONE	
520.00	580.00	60.00	SAND / SANDY SHALE	
580.00	610.00	30.00	COAL 582'-585' / SAND	✓
610.00	640.00	30.00	SAND / SANDY SHALE / SAND	
640.00	670.00	30.00	SAND / SANDY SHALE STR	
670.00	700.00	30.00	SANDY SHALE / SAND	
700.00	730.00	30.00	SAND / SANDY SHALE	
730.00	760.00	30.00	SANDY SHALE / COAL 740'-742' / SAND	✓
760.00	790.00	30.00	COAL 770' / SAND	
790.00	820.00	30.00	SANDY SHALE / COAL 800'-803' / SAND	✓
820.00	850.00	30.00	SAND / SAND / SANDY SHALE / COAL 840'- 844' / SAND	✓
850.00	880.00	30.00	SAND / SANDY SHALE	
880.00	910.00	30.00	SANDY SHALE / SAND	
910.00	940.00	30.00	SANDY SHALE / SAND / COAL 935'-937' / SANDY SHALE	✓
940.00	970.00	30.00	SANDY SHALE / SAND	
970.00	1000.00	30.00	SAND / SANDY SHALE	
1000.00	1030.00	30.00	SANDY SHALE / COAL STR 1010' / COAL 1013'- 1015' / SAND	✓
1030.00	1060.00	30.00	SANDY SHALE / COAL 1045'-1048' / SAND	✓
1060.00	1090.00	30.00	SANDY SHALE / SAND STR	
1090.00	1120.00	30.00	SAND / SANDY SHALE	
1120.00	1150.00	30.00	SANDY SHALE / SAND / SANDY SHALE	
1150.00	1165.00	15.00	SAND / SANDY SHALE	
1165.00	1170.00	5.00	VOID	
1170.00	1180.00	10.00	SAND	
1180.00	1210.00	30.00	SAND / SANDY SHALE	

FEB 27 2003

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FROM	TO	FT.	DESCRIPTION
1210.00	1240.00	30.00	SANDSTONE
1240.00	1270.00	30.00	SAND / SANDY SHALE STR / SAND
			1255.00' W/ 8 5/8" CASING

1270.00 FT. TOTAL DEPTH
22.00 FT. OF 13 3/8" CASING
331.65 FT. OF 10 3/4" CASING
1255.00 FT. OF 8 5/8" CASING

TD 2150 - per Heather Fowler, Geomet 12/6/2005
klu

