

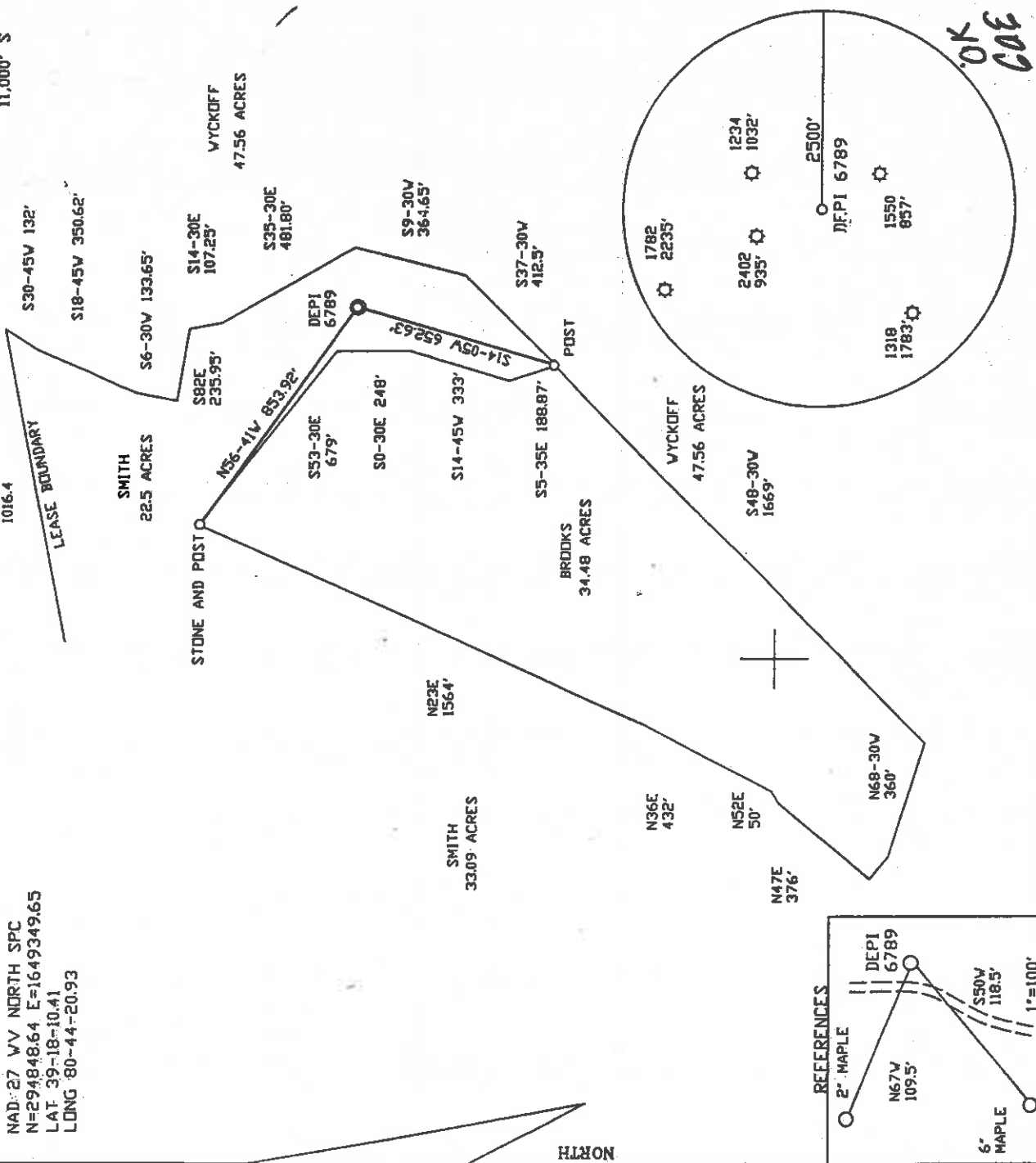
DEPI 6789

NAD: 27 WV NORTH SPC
N=294848.64 E=1649349.65
LAT 39-18-10.41
LONG 80-44-20.93

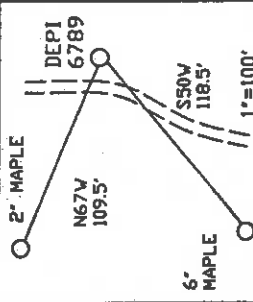
LATITUDE 39-20-00

SCALED:
8,740' V
11,000' S

LONGITUDE 80-42-30

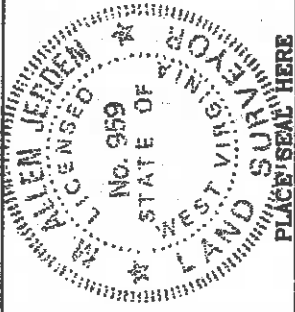


REFERENCES



FILE NO. _____
 DRAWING NO. _____
 SCALE 1"=500'
 MINIMUM DEGREE OF ACCURACY 1/2500
 PROVEN SOURCE OF ELEVATION DGPS SUBMETER

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.
 (SIGNED) M. Allen Jester
 R.P.E. _____ L.L.S. 959



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 FORM IV - 6
 (8-78)



DATE JUNE 1, 2004
 OPERATOR'S WELL NO. DEPI 6789
 API WELL NO. _____

47 STATE 017 COUNTY

4853 PERMIT

Division of Environmental Protection
 Office of Oil & Gas

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

LOCATION: ELEVATION 1185' WATER SHED JOCKEYCAMP RUN
 DISTRICT WEST UNION COUNTY DODDRIDGE

SURFACE OWNER JOHN SAMUEL & PEGGY JUNE SMITH ACREAGE 22.5
 OIL & GAS ROYALTY OWNER R.L. BARNES LEASPT. ACREAGE 222

PROPOSED WORK: DRILL LEASE NO. 4865
 STIMULATE CONVERT _____ DRILL DEEPER _____ REDRILL _____ FRACTURE OR
 FORMATION _____ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____
 PLUG AND ABANDON _____ CLEAN OUT AND REPLUG _____ ESTIMATED DEPTH 5500'

TARGET FORMATION ALEXANDER
 WELL OPERATOR DOMINION EXPLORATION & PRODUCTION, INC. DESIGNATED AGENT RODNEY J. BIGGS
 ADDRESS ONE DOMINION DRIVE PO BOX 1248 ADDRESS ONE DOMINION DRIVE PO BOX 1248
 JANE LEV, WV 26378 JANE LEV, WV 26378

0000 4853

6-6 C133

JUL 10 2004

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

brv

Farm name: Smith, John & Peggy Operator Well No.: 6789

LOCATION: Elevation: 1185' Quadrangle: Smithburg 7.5'

District: West Union County: Doddridge
Latitude: 11.000 Feet South of 39 Deg. 20 Min. 00 Sec.
Longitude 8.740 Feet West of 80 Deg. 42 Min. 30 Sec.

Company: Dominion Exploration & Production, Inc

Address: <u>P O Box 1248</u>	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
<u>Jane Lew, WV 26378</u>				
Agent: <u>Rodney J. Biggs</u>				
Inspector: <u>Mike Underwood</u>				
Date Permit Issued: <u>07/14/2004</u>				
Date Well Work Commenced: <u>11/16/2004</u>	<u>13 3/4"</u>	<u>20'</u>	<u>20'</u>	<u>Sand In</u>
Date Well Work Completed: <u>12/10/2004</u>	<u>9 5/8"</u>	<u>132'</u>	<u>132'</u>	<u>50 sks</u>
Verbal Plugging <u>N/A</u>				
Date Permission granted on: <u>N/A</u>				
Rotary <u>X</u> Cable <u>Rig</u>	<u>7"</u>	<u>1594'</u>	<u>1594'</u>	<u>225 sks</u>
Total Depth (feet): <u>5503'</u>				
Fresh Water Depth (ft.): <u>55', 125', 230'</u>	<u>4 1/2"</u>	<u>5494'</u>	<u>5494'</u>	<u>275 sks</u>
Salt Water Depth (ft.): <u>N/A</u>				
Is coal being mined in area (N/Y)? <u>N</u>				
Coal Depths (ft.): <u>N/A</u>				

OPEN FLOW DATA

Producing formation Alexander Benson 5351-5390'
 Gas: Initial open flow 900 MCF/d Oil: Initial open flow 0 Bbl/d
 Final open flow 100 MCF/d Final open flow 0 Bbl/d
 Time of open flow between initial and final tests 12 Hours
 Static rock Pressure 146 psig (surface pressure) after 12 Hours
Gordon
Upper Injun 2729-2755'
Lower Injun 2101-2131'
Maxton 2053-2071'
 Second producing formation Pay zone depth (ft) 1882-1892''
 Gas: Initial open flow * 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 * psig (surface pressure) after * Hours

*Commingled with previous formations

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: RJ Biggs

By: Rodney J. Biggs

Date: 1/13/05

NR

MAY 27 2005

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RECEIVED
Office of Oil & Gas
Office of Chi
JAN 20 20
WV Department
Environmental Pr

12/10/2004 PEREFD AND FRACED FOUR STAGES AS FOLLOWS:

- ALEXANDER, 5351'-5390', 20 HOLES, BD 2135#, AVG RATE 19 BPM, AVG PRESS 1352#, 549 BBL
- TOTAL SAND 40,200#, ISIP 2035#.
- BENSON, 5059'-5069', 21 HOLES, BD 3291#, AVG RATE 19 BPM, AVG PRESS 1650#, 422 BBL
- TOTAL SAND 22,000#, ISIP 1320#.
- GORDON, 2729'-2755', 24 HOLES, BD 1720#, AVG RATE 19 BPM, AVG PRESS 2212#, 335 BBL
- TOTAL SAND 20,200#, ISIP 2030#.
- LOWER INJUN, 2101'-2131', 22 HOLES, BD 2240#, AVG RATE 16 BPM, AVG PRESS 1448#, 373 BB
- TOTAL SAND 30,000#, ISIP 1430#.

12/14/2004 PEREFD AND FRACED AS FOLLOWS:

- UPPER INJUN, 2053 - 2071', 30 HOLES, BD 1052#, AVG RATE 17 BD, AVG PRESS 1654#, 400 BBLs, TOT SAND 30,000#, ISIP 1648#
- MAXTON, 1882 - 1892', 21 HOLES, BD 2040#, AVGT RATE 17 BD, AVG PRESS 1964#, 341 BBLs, TOT SAND 27,000#, ISIP 1115#

Fill	0	18
Sand & Shale	18	280
RR	280	295
Sand & shale	295	343
RR	343	378
Sand & shale	378	395
RR	395	419
Sand & shale	419	455
RR	455	1190
Sand & shale	1190	1285
RR & shale	1285	1350
Sand & shale	1350	1580

GAMMA RAY / FORMATION TOPS			
DEPI #6789	047-017-04853		
		TOP	BASE
LOWER MAXTON		1872	1897
LITTLE LIME		1909	1930
BLUE MONDAY		1930	1956
BIG LIME		1956	2010
KEENER SAND		2010	2047
BIG INJUN SAND		2047	2151
WEIR SAND		2296	2443
GANTZ SAND		2500	2520
GORDON SAND		2700	2755
BENSON		5060	5112
ALEXANDER		5316	5398
LTD		5523	

MAY 27 2005