

WELL REFERENCES:

LATITUDE 39-25-00

S50-00W, 75.0' TO SE CORNER BLOCK BLDG.
N22-00W, 67.50' TO 7" WHITE ASH

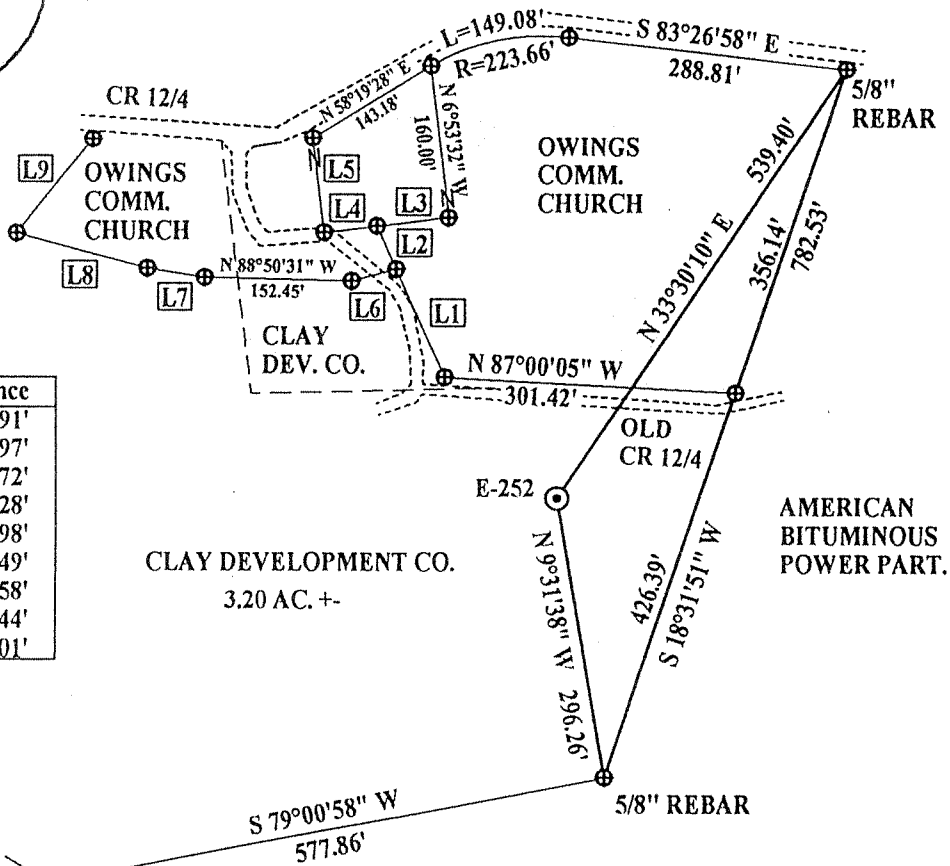
SCALED COOR.:

13,905' SOUTH
2,375' WEST

00-15-00

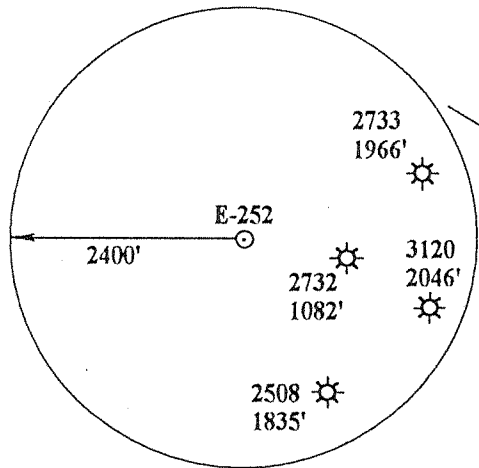
LONGITUDE

NOTE: HOUSE TRAILER BEARS
N89-45-00W, 127.00' FROM
PROPOSED WELL SITE.



Id	Bearing	Distance
L1	N 24°20'33" W	122.91'
L2	N 24°20'33" W	48.97'
L3	N 83°06'28" E	74.72'
L4	S 83°06'27" W	55.28'
L5	N 6°53'32" W	99.98'
L6	S 75°39'02" W	47.49'
L7	N 80°37'54" W	59.58'
L8	N 75°15'35" W	140.44'
L9	N 38°26'18" E	127.01'

NORTH

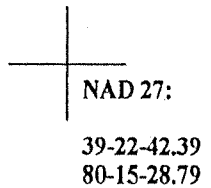


CLAY DEVELOPMENT CO.
3.20 AC. +/-

AMERICAN BITUMINOUS POWER PARTNERS

NAD 27 WV NORTH SPC:

E-252 = 320,850.54'
1,785,732.36'



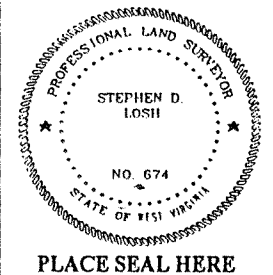
(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FILE NUMBER: _____
DRAWING NUMBER: EXCDEEM1R.PCS
SCALE: 1" = 200'
MINIMUM DEGREE OF ACCURACY: 1 IN 200
PROVEN SOURCE OF ELEVATION: DGPS SURVEY 03/03/03
SUBMETER SYSTEM

I THE UNDERSIGNED, HEREBY STATE 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 ENERGY.

(SIGNED) _____

STEPHEN D. LOSH, P.S. #674



PLACE SEAL HERE

STATE OF WEST VIRGINIA DIVISION OF ENVIRONMENTAL PROTECTION OFFICE OF OIL AND GAS #10 McJUNKIN ROAD NITRO, WV 25143-2506	LAND SURVEYING SERVICES 21 CEDAR LANE, BRIDGEPORT, WV 26330 PHONE: 304-842-2018 OR 842-5762	DATE: <u>MARCH 03, 2003</u>
FORM WW-6		OPERATORS WELL NO.: <u>E-252</u>
WELL TYPE: OIL ___ GAS <u>X</u> LIQUID INJECTION ___ WASTE DISPOSAL ___ (IF "GAS") PRODUCTION <u>X</u> STORAGE ___ DEEP ___ SHALLOW <u>X</u>		API WELL NO. <u>47 - 033 - 04397</u>
LOCATION: ELEVATION <u>1075.50'</u> WATERSHED <u>MUDLICK RUN</u>		STATE COUNTY PERMIT <u>47 - 033 - 04397</u>
DISTRICT <u>CLAY</u> COUNTY <u>HARRISON</u>		
QUADRANGLE <u>SHINNSTON</u> LEASE NUMBER _____		
SURFACE OWNER <u>CLAY DEVELOPMENT CO.</u> ACREAGE <u>3.20</u>		
OIL & GAS ROYALTY OWNER <u>MEGAN C. DEEM</u> LEASE ACREAGE <u>110.00</u>		
PROPOSED WORK: DRILL <u>X</u> CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE ___ PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION ___ OTHER PHYSICAL CHANGE (SPECIFY) _____		
TARGET FORMATION <u>BALLTOWN</u> ESTIMATED DEPTH <u>3455'</u>		
WELL OPERATOR <u>EXCEL ENERGY, INC.</u> DESIGNATED AGENT <u>HARRY BARNETT</u>		
ADDRESS <u>P. O. BOX 1020 BRIDGEPORT, WV 26330</u> ADDRESS <u>P. O. BOX 1020 BRIDGEPORT, WV 26330</u>		

COUNTY NAME PERMIT

6-6 SHINNSTON (109)

FEB 28 2003

WR-35

No: Ray Nettles
558-6047

DATE: March 31, 2004

API#: 47-3304397

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1213

State of West Virginia
Division of Environmental Protection
Section of Oil and Gas

Well Operator's Report of Well Work

Farm Name: Clay Development Company Operator Well No: E-252

LOCATION: Elevation: 1,075.5' Quadrange: Shinnston

District: Clay County: Harrison
Latitude: 13,905' Feet South of 39 Deg. 25 Min. 00 Sec.
Longitude: 2,375' Feet West of 80 Deg. 15 Min. 00 Sec.

Company: EXCEL ENERGY, INC.

	Casing & Tubing	Used in Drilling	Left in Hole	Cement fill Up Cu. Ft.
Address: <u>PO Box 1020</u>	<u>13 3/8"</u>	<u>112.6'</u>	<u>112.6'</u>	<u>75 sks</u>
<u>Bridgeport, WV 26330</u>	<u>7"</u>	<u>1,311'</u>	<u>1,311'</u>	<u>265 sks</u>
Agent: <u>H.L. Barnett</u>	<u>4 1/2"</u>	<u>3,281'</u>	<u>3,281'</u>	<u>280 SKS</u>
Inspector:				
Date Permit Issued:				
Date Well Work Commenced: <u>11/02/2003</u>				
Date Well Work Completed: <u>11/08/2003</u>				
Verbal Plugging:				
Date Permission granted on:				
Rotary <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Rig				
Total Depth (feet): <u>3,379'</u>				
Fresh Water Depth (ft.): <u>26', 200'</u>				
Salt Water Depth (ft.): <u>N/A</u>				
Is coal being mined in area (N/Y)? <u>N</u>				
Coal Depths (ft.): <u>850'</u>				

OPEN FLOW DATA

Producing formation	<u>Bayard, , Gordon ,30', 50' & Keener</u>	Pay zone depth (ft)	<u>1538' - 3209'</u>
Gas: Initial open flow	<u>Show</u> MCF/d	Oil: Initial open flow	<u>Show</u> Bbl/d
Final open flow	<u>330</u> MCF/d	Final open flow	<u>1</u> Bbl/d
Time of open flow between initial and final tests			<u>---</u> Hours
Static Rock Pressure	<u>720</u> psig	(surface pressure) after	<u>72</u> Hours
Second producing formation	<u>---</u>	Pay zone depth (ft)	<u>---</u>
Gas: Initial open flow	<u>---</u> MCF/d	Oil: Initial open flow	<u>---</u> Bbl/d
Final open flow	<u>---</u> MCF/d	Final open flow	<u>---</u> Bbl/d
Time of open flow between initial and final tests			<u>---</u> Hours
Static Rock Pressure	<u>---</u> psig	(surface pressure) after	<u>---</u> Hours

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

Signed: H.L. Barnett
By: H.L. Barnett, President
Date: March 31, 2004

HAR
4397

JUN. 1 8 2004

FORM WR-35

DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.

STAGE I Bayard ? (3203'-3209') Frac - 155 bbl H₂O, 500 gal acid, 30,000# sand & 369,000 scf N₂.

STAGE II Gordon (2503-2518') Frac - 170 bbls H₂O, 500 gal acid, 30,000# sand & 339,000 scf N₂.

STAGE III 30'/50' Sands (2086'-2433') Frac - 160 bbls H₂O, 750 gal acid, 30,000# sand & 364,000 scf N₂.

STAGE IV Keener ((1538' - 1630') Frac - 185 bbls H₂O, 750 gal acid, 30,000# sand & 326,000 scf N₂.

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
					Including indication of all fresh and salt water, coal oil and gas
Soil & Shale			0	54	3" Stream of water @ 26'
Shale & Sand			54	850	½" Stream of water @ 200'
Shale & Coal			850	908	
Sand & Shale			908	1090	
Red Rock & Shale			1090	1399	
Big Lime			1399	1490	
Keener			1490	1590	
Injun			1590	1630	
Squaw			1630	1660	
Sand & Shale			1660	2000	Gas odor @ 1700'
50'			2000	2090	
Sand & Shale			2090	2220	
Gordon			2220	2227	
RR & Shale			2227	2250	
Sand & Shale			2250	2690	
Bayard			2690	2700	
Sand & Shale			2700	3000	
Speechley			3000	3010	
Sand & Shale			3010	3122	
Balltown			3122	3130	
Shale & Sand			3130	3379	T.D.