

WELL REFERENCES:

N07-00E, 114.50' TO 8" FORKED SUGAR
S29-30E, 77.50' TO 12" SYCAMORE

NAD 27:
39-27-20.71
80-21-38.67

LATITUDE 39-27-30

SCALED COOR.:

865' SOUTH
7,745' WEST

LONGITUDE 80-20-00

NORTH

MORAN

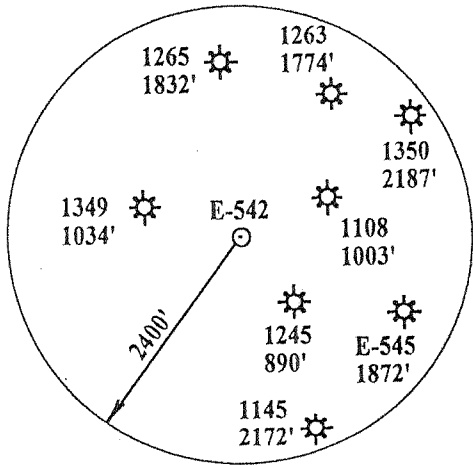
HUGHES

ALICE JOSEPH
18.31 AC. OF 25 AC.

ROBINSON

ROCKWELL

FORTNEY



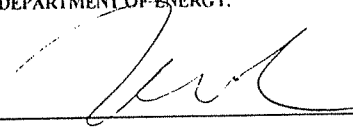
NAD 27 WV NORTH SPC:

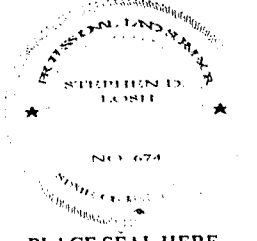
E-542 = 349,268.56'
1,756,959.47'

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

FILE NUMBER: _____
DRAWING NUMBER: EXPDRAIN1.PCS
SCALE: 1" = 400'
MINIMUM DEGREE OF ACCURACY: 1 IN 200
PROVEN SOURCE OF ELEVATION: DGPS SURVEY 10/02/01
SUBMETER SYSTEM

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 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: JANUARY 15, 2002
OPERATORS WELL NO.: E-542
API WELL NO. 47-049-01359
STATE COUNTY PERMIT

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

LOCATION: ELEVATION 1134.89' WATERSHED BINGAMON CREEK
DISTRICT MANNINGTON COUNTY MARION
QUADRANGLE SHINNSTON LEASE NUMBER 4518

SURFACE OWNER ALLEN H. ROBINSON ACREAGE 24.55
OIL & GAS ROYALTY OWNER ALICE JOSEPH LEASE ACREAGE 25

PROPOSED WORK: DRILL X CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE ___ PLUG OFF OLD FORMATION ___
PERFORATE NEW FORMATION ___ OTHER PHYSICAL CHANGE (SPECIFY) _____

TARGET FORMATION BALLTOWN PLUG & ABANDON ___ CLEAN OUT & REPLUG ___
ESTIMATED DEPTH 3800'

WELL OPERATOR EXPLORATION PARTNERS, LLC DESIGNATED AGENT LOUIS FERRARI
ADDRESS P. O. BOX 930 BRIDGEPORT, WV 26330 ADDRESS P. O. BOX 930 BRIDGEPORT, WV 26330

COUNTY NAME MAR
PERMIT 1359

6-6 64

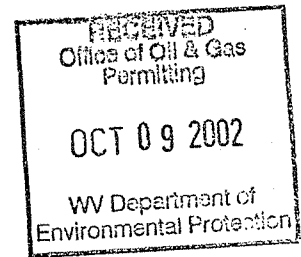
47-49-1359

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

- I. 3390-3590, 18 HOLES, 500 GAL HCL, 200 SKS 20/40, 205 BBL GELLED H2O ~~422~~ 433
- II. 2682-2686, 12 HOLES, 500 GAL HCL, 100 SKS 20/40, 150 BBL GELLED H2O 422
- III. 2512-2567, 16 HOLES, 500 GAL HCL, 100 SKS 20/40, 160 BBL GELLED H2O 419
- IV. 2104-2401, 23 HOLES, 750 GAL HCL, 150 SKS 20/40, 205 BBL GELLED H2O 413-416
- V. 1785-1795, 16 HOLES, 500 GAL HCL, 100 SKS 20/40, 145 BBL GELLED H2O 371
- VI. 1699-1760, 20 HOLES, 750 GAL HCL 200 SKS 20/40, 195 BBL GELLED H2O 371

WELL LOG

FORMATION COLOR HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS-including indication of all fresh and salt water, coal and gas
dIRT	0	10	
Shale & sand	10	305	H2O 25'
COAL	305	309	
SAND & SHALE	309	315	
COAL	315	325	
SHALE & SAND	325	1600	
BIG LIME	1600	1675	
BIG INJUN	1675	1775	
POCONO	1775	1810	
SHALE	1810	2110	
GANTZ	2110	2120	
SHALE	2120	2240	
50'	2240	2370	
SHALE	2370	2390	
30'	2390	2400	
SHALE	2400	2520	
GORDON	2520	2580	
SHALE	2580	2670	
5 TH SAND	2670	2690	
SHALE	2690	3260	
SPEECHLY	3260	3270	
SHALE	3270	3580	
BALL TOWN	3580	3610	
SHALE	3610	3730	



LTD