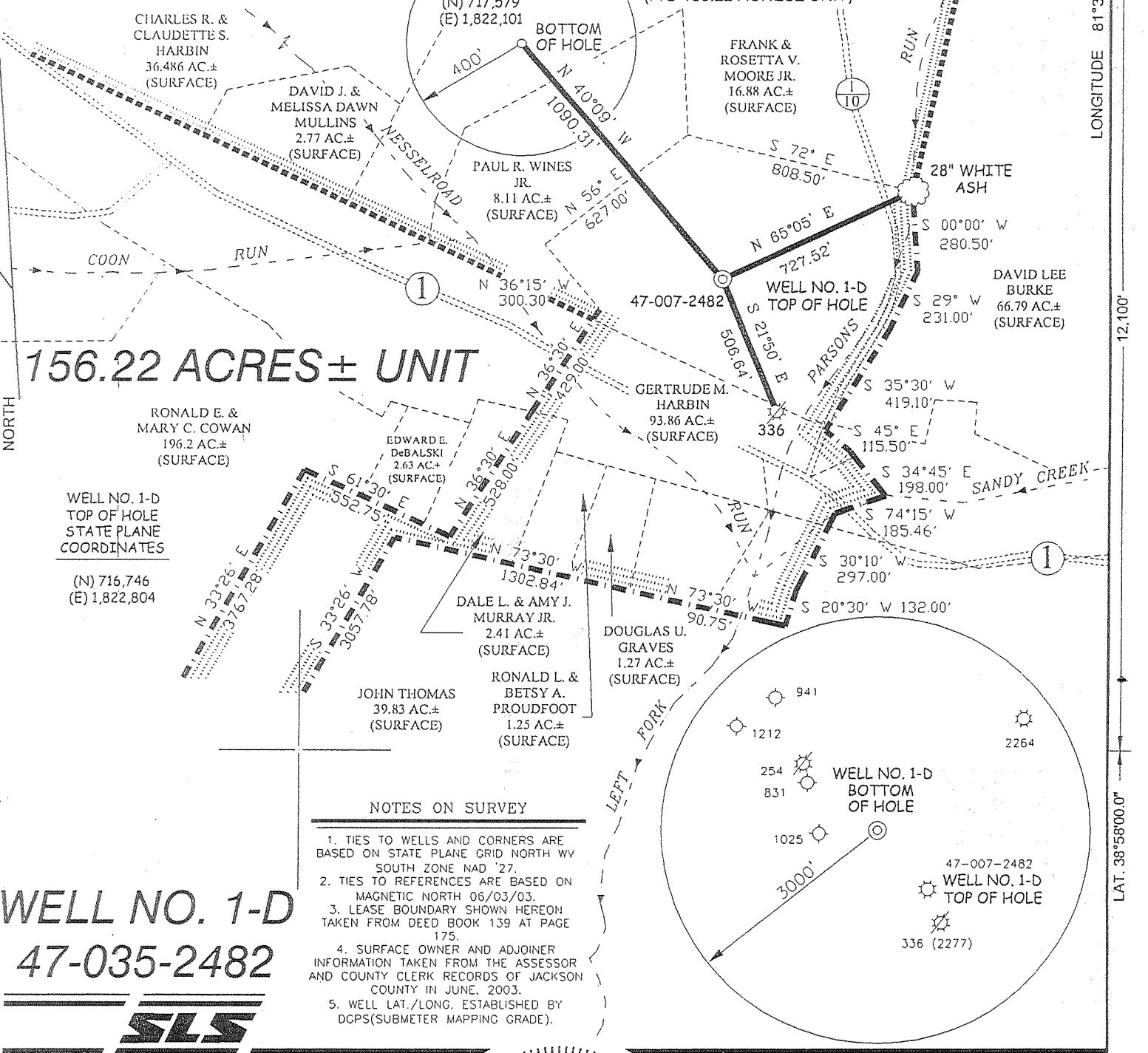


HARBIN LEASE

96 ACRES ±



156.22 ACRES ± UNIT

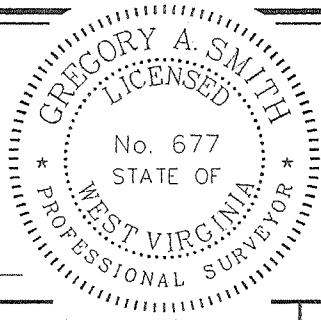
WELL NO. 1-D 47-035-2482



- NOTES ON SURVEY**
1. TIES TO WELLS AND CORNERS ARE BASED ON STATE PLANE GRID NORTH WV SOUTH ZONE NAD '27.
 2. TIES TO REFERENCES ARE BASED ON MAGNETIC NORTH 06/03/03.
 3. LEASE BOUNDARY SHOWN HEREON TAKEN FROM DEED BOOK 139 AT PAGE 175.
 4. SURFACE OWNER AND ADJOINER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF JACKSON COUNTY IN JUNE, 2003.
 5. WELL LAT./LONG. ESTABLISHED BY DGPS(SUBMETER MAPPING GRADE).

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 DIVISION OF ENVIRONMENTAL PROTECTION.

P.S. 677 *Gregory A. Smith*



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.
 DATE JULY 14, 20 03
 REVISED AUGUST 6, 20 03
 OPERATORS WELL NO. 47 - ~~007~~ - 2482-W HARBIN NO. 1-D
 API NO. 035 RW
 STATE COUNTY PERMIT
CANCELLED

MINIMUM DEGREE OF ACCURACY 1/200 FILE NO. 5276P1-D (144-47)
 PROVEN SOURCE OF ELEVATION DGPS (SUBMETER GRADE) SCALE 1" = 500'

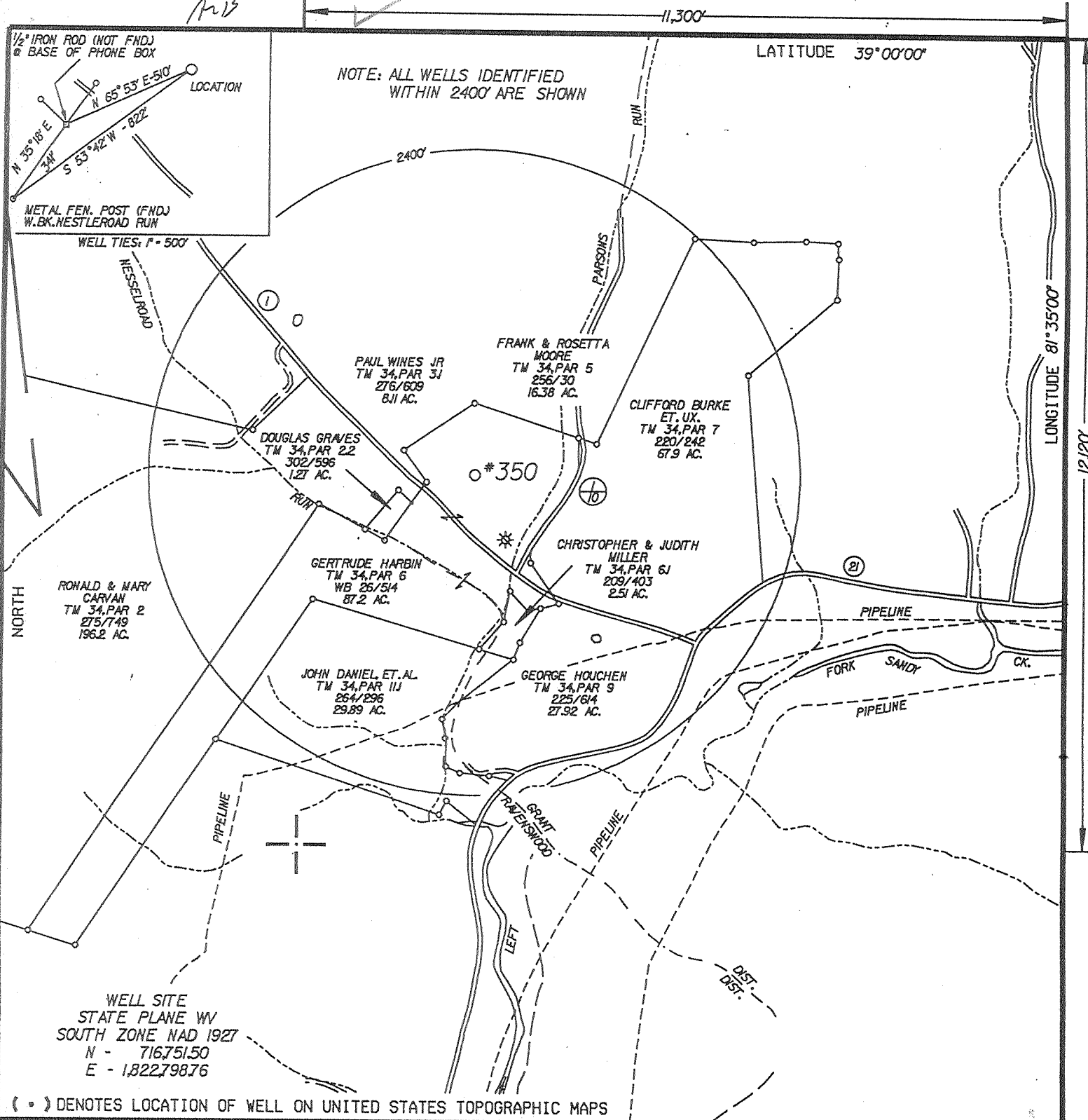
STATE OF WEST VIRGINIA
 DIVISION OF ENVIRONMENTAL PROTECTION
 OFFICE OF OIL AND GAS

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

LOCATION: ELEVATION 709' WATERSHED PARSONS RUN
 DISTRICT GRANT COUNTY JACKSON QUADRANGLE LIVERPOOL 7.5'
 SURFACE OWNER GERTRUDE M. HARBIN ACREAGE 93.86±
 ROYALTY OWNER GERTRUDE M. HARBIN ET AL LEASE ACREAGE 96± OF 156.22± UNIT
 PROPOSED WORK: LEASE NO. _____
 DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD
 FORMATION PERFORATE NEW FORMATION PLUG AND ABANDON CLEAN OUT AND REPLUG OTHER
 PHYSICAL CHANGE IN WELL (SPECIFY) _____ TARGET FORMATION TRENTON
 ESTIMATED DEPTH 10,500'

WELL OPERATOR EASTERN AMERICAN ENERGY CORP. DESIGNATED AGENT K. RALPH RANSON, II APR 21 2006
 ADDRESS 501 56TH STREET, CHARLESTON, WV 25304 ADDRESS 501 56TH STREET, CHARLESTON, WV 25304

COUNTY NAME JAC
 PERMIT 2482 CANC.



FILE NO. CES*350.DGN
 DRAWING NO. CES *350
 SCALE 1" = 1000'
 MINIMUM DEGREE OF ACCURACY 1:200
 PROVEN SOURCE OF ELEVATION SPOT ELEV (617')
CULVERT HEADWALL 800' ± SE OF LOC.

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 ENVIRONMENTAL PROTECTION.
 (SIGNED) [Signature]
 R.P.E. _____ L.L.S. 647

PLACE SEAL HERE

STATE OF WEST VIRGINIA
 DIVISION OF ENVIRONMENTAL PROTECTION
 OIL AND GAS DIVISION

DATE DECEMBER 02, 2003
 OPERATOR'S WELL NO. 350
 API WELL NO. 47 035 2482 F-PP
 STATE 47 COUNTY 035 PERMIT 2482 F-PP

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

LOCATION: ELEVATION 705' WATER SHED PARSONS RUN OF NESSELROAD RUN
 DISTRICT GRANT COUNTY JACKSON
 QUADRANGLE LIVERPOOL WV 7.5'

SURFACE OWNER GERTRUDE HARBIN ACREAGE 87.2
 OIL & GAS ROYALTY OWNER GERTRUDE HARBIN LEASE ACREAGE 87.2
 LEASE NO. (HARBIN LEASE)

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 ORISKANY ESTIMATED DEPTH 5100'
 WELL OPERATOR CARL E. SMITH PETROLEUM, INC. DESIGNATED AGENT EDWARD MICHAEL SMITH
 ADDRESS PO BOX 27 SANDYVILLE, WV 25275 ADDRESS SAME

DEC 2 2 2003

COUNTY NAME JAC
 PERMIT 2482 F-PP

HARBIN LEASE 96 ACRES ±

WELL NO. 1-D
BOTTOM OF HOLE
STATE PLANE
COORDINATES

KENNETH R.
CAPLINGER
ET AL.
16.14 AC. ±
(SURFACE)

CHARLES R. &
CLAUDETTE S.
HARBIN
36.486 AC. ±
(SURFACE)

DAVID J. &
MELISSA DAWN
MULLINS
2.77 AC. ±
(SURFACE)

(N) 717,579
(E) 1,822,101

BOTTOM
OF HOLE

(P/O) 156.22 ACRES ± UNIT

FRANK &
ROSETTA V.
MOORE JR.
16.88 AC. ±
(SURFACE)

PAUL R. WINES
JR.
8.11 AC. ±
(SURFACE)

28" WHITE
ASH

DAVID LEE
BURKE
66.79 AC. ±
(SURFACE)

156.22 ACRES ± UNIT

RONALD E. &
MARY C. COWAN
196.2 AC. ±
(SURFACE)

WELL NO. 1-D
TOP OF HOLE
STATE PLANE
COORDINATES

(N) 716,746
(E) 1,822,804

EDUARDO E.
DEBALSKI
2.63 AC. ±
(SURFACE)

GERTRUDE M.
HARBIN
93.86 AC. ±
(SURFACE)

DALE L. & AMY J.
MURRAY JR.
2.41 AC. ±
(SURFACE)

JOHN THOMAS
39.83 AC. ±
(SURFACE)

RONALD L. &
BETSY A.
PROUDFOOT
1.25 AC. ±
(SURFACE)

DOUGLAS U.
GRAVES
1.27 AC. ±
(SURFACE)

NOTES ON SURVEY

1. TIES TO WELLS AND CORNERS ARE BASED ON STATE PLANE GRID NORTH WV SOUTH ZONE NAD '27.
2. TIES TO REFERENCES ARE BASED ON MAGNETIC NORTH 06/03/03.
3. LEASE BOUNDARY SHOWN HEREON TAKEN FROM DEED BOOK 139 AT PAGE 175.
4. SURFACE OWNER AND ADJOINER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF JACKSON COUNTY IN JUNE, 2003.
5. WELL LAT./LONG. ESTABLISHED BY DGPS (SUBMETER MAPPING GRADE).

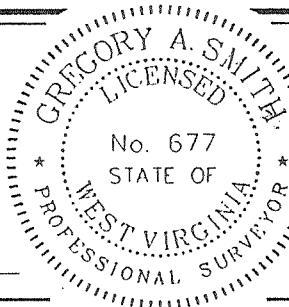
WELL NO. 1-D 47-035-2482



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 DIVISION OF ENVIRONMENTAL PROTECTION.

P.S.
677

Gregory A. Smith



(*) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.

DATE JULY 14, 20 03
REVISED AUGUST 6, 20 03

OPERATORS WELL NO. HARBIN NO. 1-D
API WELL NO. 47-035-2482-W
STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1/200 FILE NO. 5276P1-D (144-47)
PROVEN SOURCE OF ELEVATION DGPS (SUBMETER GRADE) SCALE 1" = 500'

STATE OF WEST VIRGINIA
DIVISION OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS



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

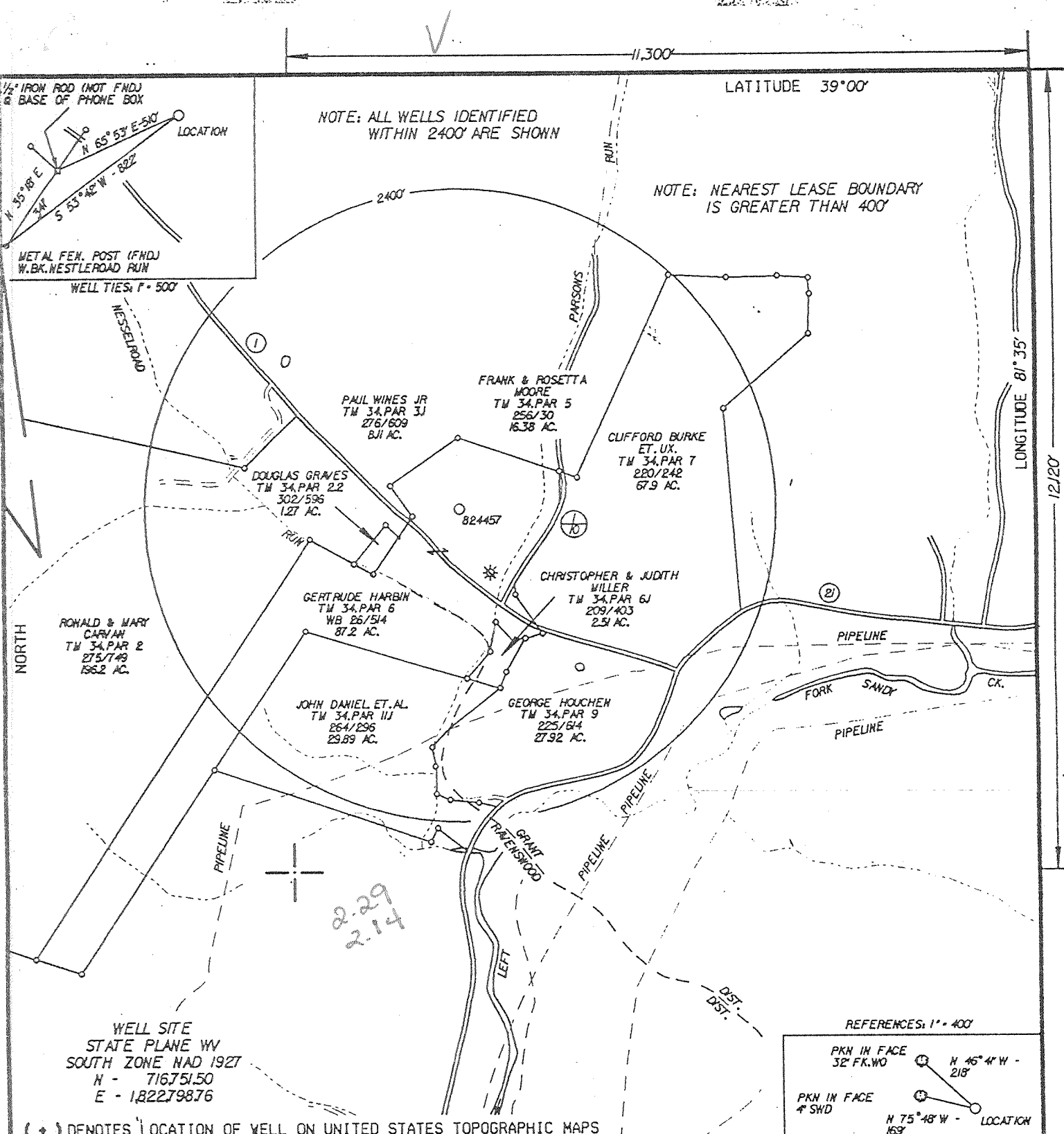
LOCATION: ELEVATION 709' WATERSHED PARSONS RUN
DISTRICT GRANT COUNTY JACKSON QUADRANGLE LIVERPOOL 7.5'

SURFACE OWNER GERTRUDE M. HARBIN ACREAGE 93.86±
ROYALTY OWNER GERTRUDE M. HARBIN ET AL LEASE ACREAGE 96± OF 156.22± UNIT

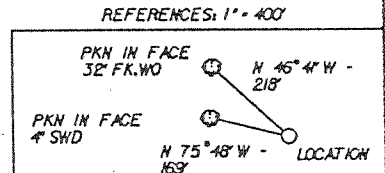
PROPOSED WORK: LEASE NO. _____
DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
PERFORATE NEW FORMATION PLUG AND ABANDON CLEAN OUT AND REPLUG OTHER
PHYSICAL CHANGE IN WELL (SPECIFY) _____ TARGET FORMATION TRENTON
ESTIMATED DEPTH 10,500'

WELL OPERATOR EASTERN AMERICAN ENERGY CORP. DESIGNATED AGENT K. RALPH RANSON, II
ADDRESS 501 56TH STREET, CHARLESTON, WV 25304 ADDRESS 501 56TH STREET, CHARLESTON, WV 25304

COUNTY NAME JAC
PERMIT 2482-W



WELL SITE
STATE PLANE WV
SOUTH ZONE NAD 1927
N - 716751.50
E - 1,822798.76



FILE NO. CNR24457(RP-12)REV.DGN
DRAWING NO. CNR 24457(RP-12)
SCALE 1" = 1000'
MINIMUM DEGREE OF ACCURACY 1:200
PROVEN SOURCE OF ELEVATION SPOT ELEV (67')
CULVERT HEADWALL 800' SE OF LOC.

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 ENVIRONMENTAL PROTECTION.
(SIGNED) Paul E Miller
R.P.E. _____ L.L.S. 647

PLACE SEAL HERE

STATE OF WEST VIRGINIA
DIVISION OF ENVIROMENTAL PROTECTION
OIL AND GAS DIVISION



DATE SEPTEMBER 21, 20 00
OPERATOR'S WELL NO. 824457
API WELL NO. _____

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
(IF "GAS,") PRODUCTION X STORAGE DEEP X SHALLOW
LOCATION: ELEVATION 705' WATER SHED PARSONS RUN OF NESSELROAD RUN
DISTRICT GRANT COUNTY JACKSON
QUADRANGLE LIVERPOOL, WV 7.5'
SURFACE OWNER GERTRUDE HARBIN ACREAGE 87.2
OIL & GAS ROYALTY OWNER GERTRUDE HARBIN LEASE ACREAGE 87.2
LEASE NO. FI-054-08570-000

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

PLUG AND ABANDON CLEAN OUT AND REPLUG
TARGET FORMATION TRENTON ESTIMATED DEPTH 10,500'
WELL OPERATOR COLUMBIA NATURAL RESOURCES, INC. DESIGNATED AGENT W.A. WATSON, JR.
ADDRESS P.O. BOX 6070, CHARLESTON, WV 25362 ADDRESS SAFE

SEP 29 2000

DEEP WELL (FLY-Para (Cissonville) 192)

COUNTY NAME JAC
PERMIT 2482

Deef

55

API # 47-35-2482

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

Well Operator's Report of Well Work

Farm name: Gertrude Harbin Operator Well No.: 824457

LOCATION: Elevation: 705' Quadrangle: Liverpool

District: Grant County: Jackson
Latitude: 12,120' South of Lat. 39°00'
Longitude 11,300' West of Long. 81°35'

Company: COLUMBIA NATURAL RESOURCE
P. O. BOX 6070
CHARLESTON, WV 25362-0000

Agent: M. A. Hackett

Inspector: Larry Parrish
Permit Issued: 9/26/2000
Well work Commenced: 9/26/00
Well work Completed: 12/11/01
Verbal Plugging (Plug Back) to 8916'
Permission granted on: 5/27/2001
Rotary Cable Rig
Total Depth (feet) 10,035'
Fresh water depths (ft) 580'
Salt water depths (ft) 1150'

Casing & Tubing Size	Used in Drilling	Left in Well	Cement Fill U. Cu. Ft.
20"	680	680	1065
13 3/8"	2063	2063	1825
9 5/8"	5098	5098	354
7"	8395	8395	1025

Is coal being mined in area (Y/N)? N
Coal Depths (ft): NA

OPEN FLOW DATA

Producing formation Trenton - Black River Pay zone depth (ft) 8395' - 8916'
 Gas: Initial open flow — MCF/d Oil: Initial open flow — Bbl/
 Final open flow 10 MCF/d Final open flow 0 Bbl/
 Time of open flow between initial and final tests 8 Hour
 Static rock Pressure 125 psig (surface pressure) after 84 Hour

Second producing formation — Pay zone depth (ft) —
 Gas: Initial open flow — MCF/d Oil: Initial open flow — Bbl/
 Final open flow — MCF/d Final open flow — Bbl/
 Time of open flow between initial and final tests — Hour
 Static rock Pressure — psig (surface pressure) after — Hour

NOTE: ON BACK OF THIS FORM PUT THE FOLLOWING: 1). DETAILS OF PERFORATE 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.

For: R.E. Schindler
COLUMBIA NATURAL RESOURCES, INC.
By: R.E. Schindler
Date: 3-17-03

APR 25 2003

JAC 2482

