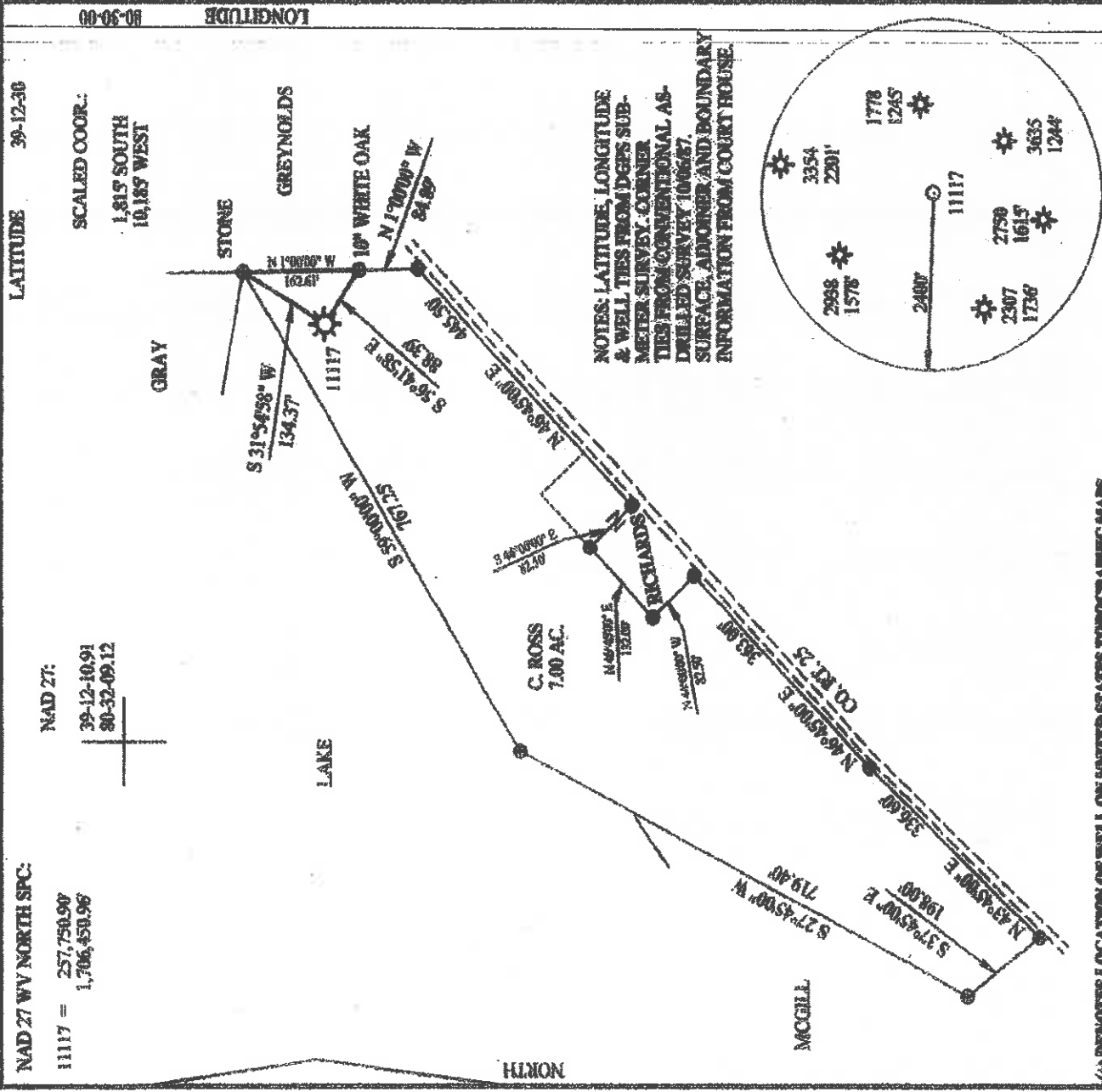


Ac 13



(*) REMOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FILE NUMBER: _____
 DRAWING NUMBER: DAD11117.KCS
 SCALE: 1" = 200'
 MINIMUM DEGREE OF ACCURACY: SUBMETER
 PROVEN SOURCE OF ELEVATION: DGPS SURVEY SUBMETER SYSTEM

STATE OF WEST VIRGINIA
 DIVISION OF ENVIRONMENTAL PROTECTION
 OFFICE OF OIL AND GAS
 810 MARSHBURN ROAD
 NITRO, WV 25148-0266

FORM WV-6
 SURFACE OWNER: BIG ISAAC
 OIL & GAS ROYALTY OWNER: BARBARA J. ARBOGAST
 SURFACE OPERATOR: CHARLES ROSS

DATE: MAY 01, 2006
 OPERATORS WELL NO.: 11117
 API WELL NO.: _____

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

LOCATION: ELEVATION 1077.28' WATERSHED LAUREL RUN
 DISTRICT GREENBRIER COUNTY DODDRIDGE

LEASE NUMBER DAD36872
 ACREAGE 6.64
 LEASE ACREAGE 7.00

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

TARGET FORMATION: Maxilon
 PLUG & ABANDON CLEAN OUT & REFLUG.
 ESTIMATED DEPTH 1715

WELL OPERATOR: DOMINION EXPLORATION & PRODUCTION, INC. DESIGNATED AGENT: RODNEY BIGGS
 ADDRESS: P. O. BOX 1248 JANE LEW, WV 26378 ADDRESS: P. O. BOX 1248 JANE LEW, WV 26378

PLACE SEAL HERE

CANCELLED

04/22/2011

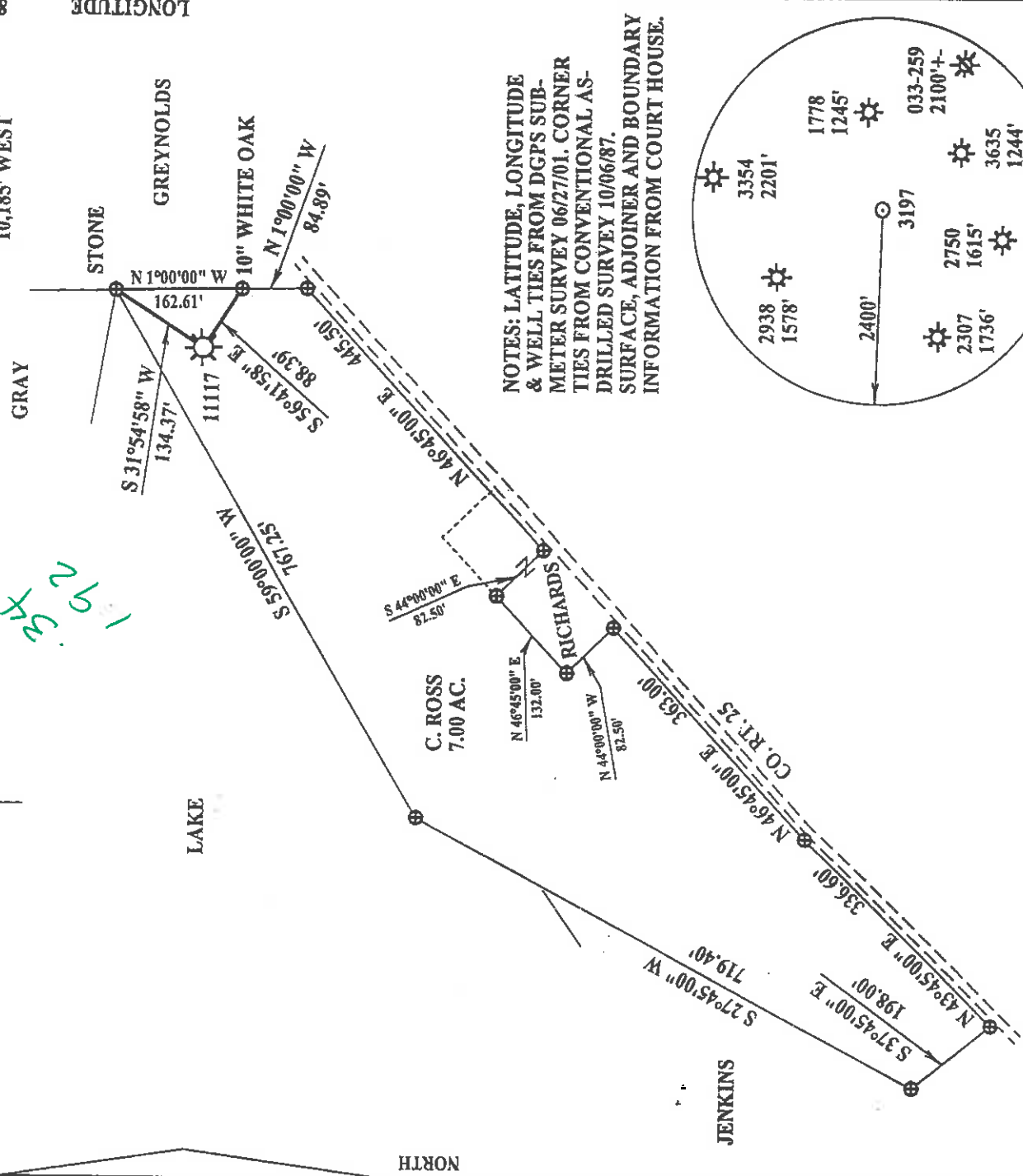
NAD 27 WV NORTH SPC: 11117 = 257,750.90' 1,706,450.96'

NAD 27: 39-12-30 80-30-00

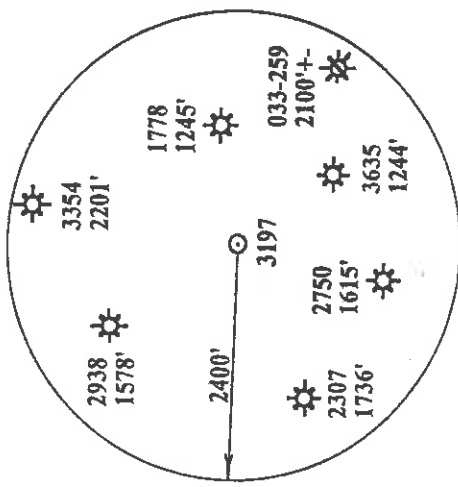
SCALED COOR.: 1,815' SOUTH 10,185' WEST

LONGITUDE 80-30-00

19254



NOTES: LATITUDE, LONGITUDE & WELL TIES FROM DGPS SUB-METER SURVEY 06/27/01. CORNER TIES FROM CONVENTIONAL AS-DRILLED SURVEY 10/06/87. SURFACE, ADJOINER AND BOUNDARY INFORMATION FROM COURT HOUSE.



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

FILE NUMBER: _____
 DRAWING NUMBER: DOM11117.PCS
 SCALE: 1" = 200'
 MINIMUM DEGREE OF ACCURACY: 1 IN 200
 PROVEN SOURCE OF ELEVATION: DGPS SURVEY 06/27/01
 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) *[Signature]*

STEPHEN D. LOSH, P.S. #674

STATE OF WEST VIRGINIA
 DIVISION OF ENVIRONMENTAL PROTECTION
 OFFICE OF OIL AND GAS
 #10 INJUNCTION ROAD
 NITRO, WV 25143-2506

LAND SURVEYING SERVICES
 21 CEDAR LANE, BRIDGEPORT, WV 26330
 PHONE: 304-842-2018 OR 842-5762

PLACE SEAL HERE

DATE: JUNE 29, 2001
 OPERATORS WELL NO.: 11117
 API WELL NO. _____

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X
 LOCATION: ELEVATION 1077.28' WATERSHED LAUREL RUN
 DISTRICT GREENBRIER COUNTY _____
 QUADRANGLE BIG ISAAC
 SURFACE OWNER BARBARA J. ARBOGAST
 OIL & GAS ROYALTY OWNER CHARLES ROSS

WELL NO. 47-017-03197F STATE WV COUNTY DODDRIDGE PERMIT
 LEASE NUMBER _____ ACREAGE 6.64
 LEASE ACRES 7.00

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

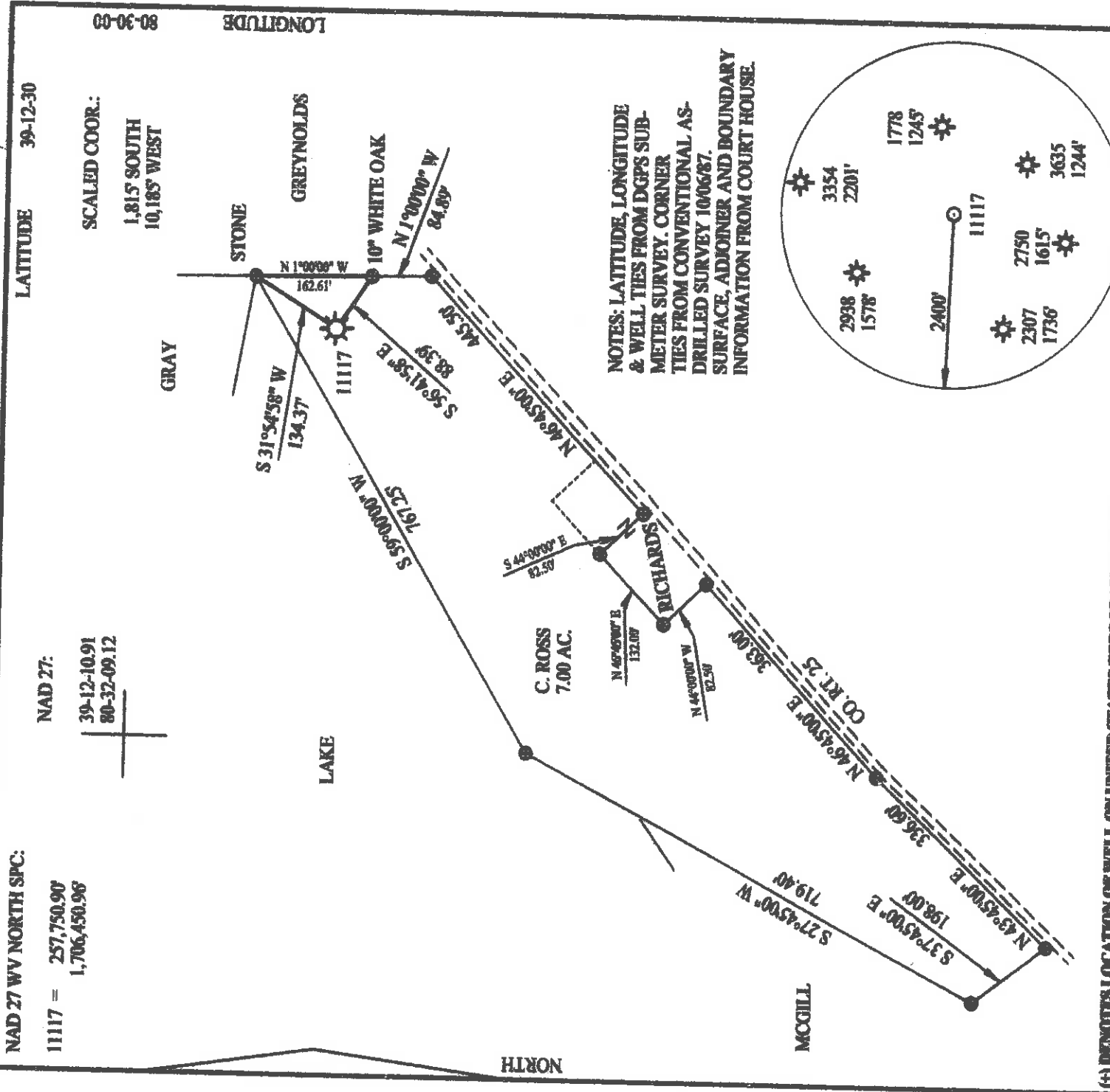
TARGET FORMATION _____ PLUG & ABANDON ___ CLEAN OUT & REPLUG ___
 ESTIMATED DEPTH _____

WELL OPERATOR DOMINION EXPLORATION & PROD., INC DESIGNATED AGENT RODNEY BIGGS
 ADDRESS P. O. BOX 1248 JANE LEW, WV 26378 ADDRESS P. O. BOX 1248 JANE LEW, WV 26378

DODD 3197F

AUG 17 2001

Ac 19



STATE OF WEST VIRGINIA
 DIVISION OF ENVIRONMENTAL PROTECTION
 OFFICE OF OIL AND GAS
 410 MARLBOROUGH ROAD
 NINTHO, WV 25143-2506

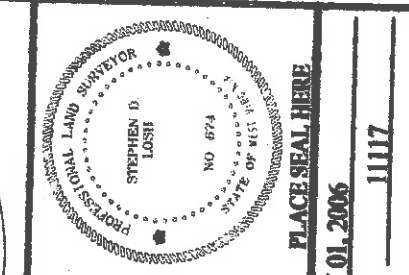
FORM WW-6

I, THE UNDERSIGNED, HEREBY STATE THAT THIS PLAN 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) *[Signature]*
 STEPHEN D. LOSH, P.S. #674

LAND SURVEYING SERVICES
 21 CEDAR LANE, BRIDGEPORT, WV 26330
 PHONE: 304-842-2018 OR 842-5762

DATE: MAY 01, 2006
 OPERATORS WELL NO.: 11117
 API WELL NO.:



WELL TYPE: OIL ___ GAS LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS") PRODUCTION STORAGE ___ DEEP ___ SHALLOW
 LOCATION: ELEVATION 1077.28' WATERSHED LAUREL RUN
 DISTRICT GREENBRIER COUNTY DODDRIDGE
 QUADRANGLE BIG ISAAC
 SURFACE OWNER BARBARA J. ARBOGAST
 OIL & GAS ROYALTY OWNER CHARLES ROSS
 PROPOSED WORK: DRILL ___ CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE PLUG OFF OLD FORMATION ___
 PERFORATE NEW FORMATION ___ OTHER PHYSICAL CHANGE (SPECIFY) ___
 TARGET FORMATION Maxton
 PLUG & ABANDON ___ CLEAN OUT & REPLUG ___
 ESTIMATED DEPTH 1715'
 WELL OPERATOR DOMINION EXPLORATION & PRODUCTION, INC. DESIGNATED AGENT RODNEY BIGGS
 ADDRESS P.O. BOX 1248 JANE LEW, WV 26378 ADDRESS P.O. BOX 1248 JANE LEW, WV 26378

LEASE NUMBER DAD36872
 ACREAGE 6.64
 LEASE ACREAGE 7.00

COUNTY NAME PERMIT
 COUNTY NAME PERMIT
 COUNTY NAME PERMIT

03197-F

JUN 02 2006

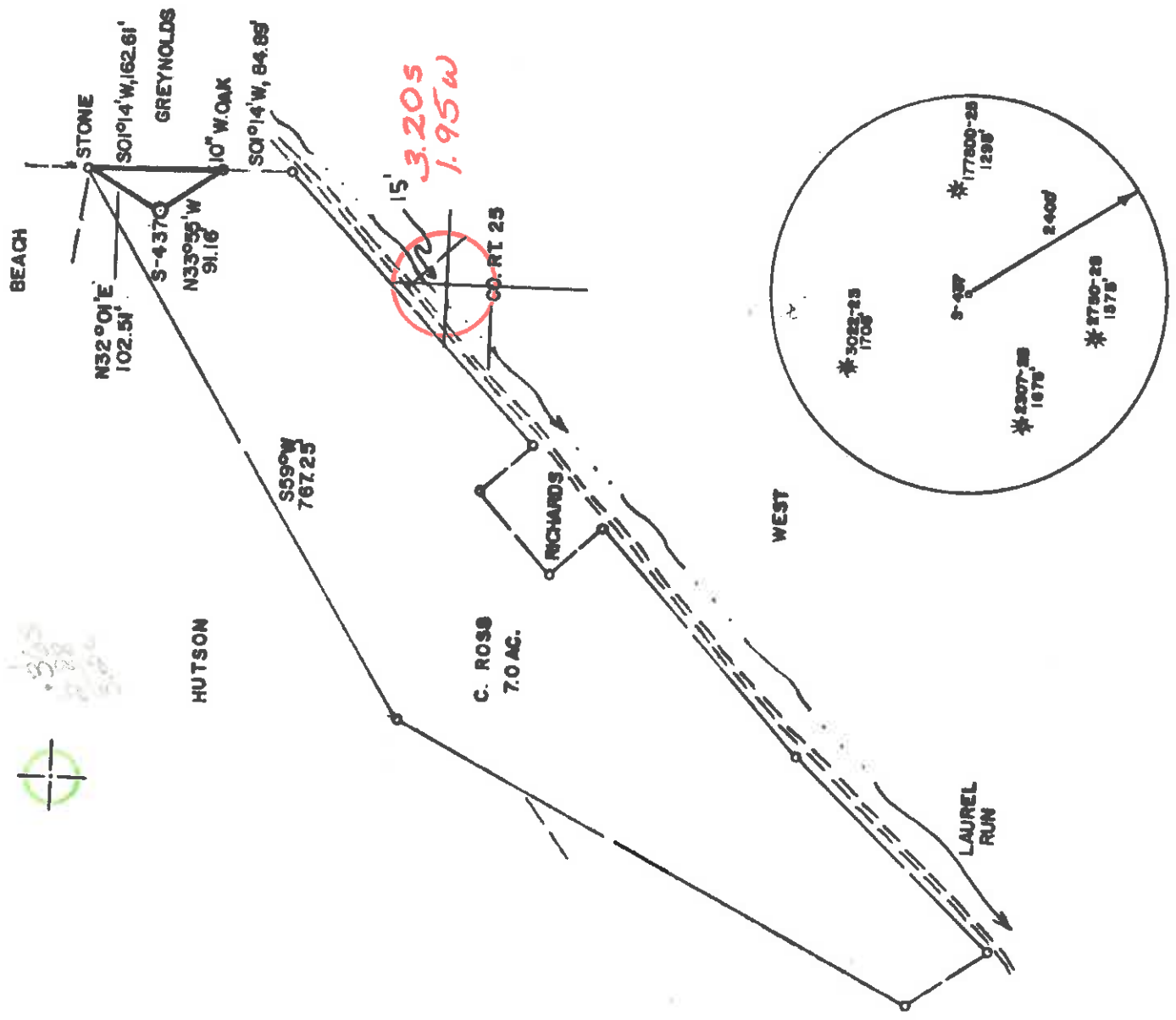
D000 3197 F

Plot Card CSD

LONGITUDE 80° 30' 00"

LATITUDE 39° 12' 30"

10,140'



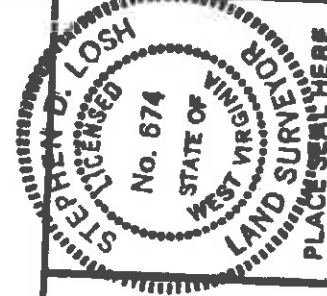
3.20s
1.95w

NORTH

FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 200'
 MINIMUM DEGREE OF ACCURACY 1 in. 200
 PROVEN SOURCE OF ELEVATION RD. INTER. ELEV. 1016'

PREPARED BY DAVIS ASSOCIATES, CLARKSBURG, WV

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) Steph D. Doh
 R.P.E. _____ L.L.S. 674



STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION



DATE NOVEMBER 24, 19 82
 OPERATOR'S WELL NO. S-437
 API WELL NO. 47-017-3197

STATE COUNTY PERMIT

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 WELL TYPE: OIL ___ GAS ___ LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION ___ STORAGE ___ DEEP ___ SHALLOW ___
 LOCATION: ELEVATION 1068' WATER SHED LAUREL RUN

DISTRICT GREENBRIER COUNTY DODDRIDGE
 SURFACE OWNER ARLIT J. ARBOGAST
 OIL & GAS ROYALTY OWNER CHARLES ROSS
 QUADRANGLE BIG ISAAC 7.5 m.p. Vadis 15-1 NE
 ACREAGE 7.23

LEASE NO. 1823 LEASE ACREAGE 7.00
 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 ALEXANDER ESTIMATED DEPTH 5200' Big Isaacs (47)
 WELL OPERATOR JAMES F. SCOTT DESIGNATED AGENT DARREL WRIGHT
 ADDRESS P.O. BOX 112 SALEM, WV 26426 P.O. BOX 112 SALEM, WV 26426
 DEC 20 1982



State of West Virginia
Department of Mines
Oil and Gas Division

Date April 6, 1983
Operator's Well No. S-437
Farm Charles Ross
API No. 47 - 01753197

WELL OPERATOR'S REPORT

OF
DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

WELL TYPE: Oil / Gas / Liquid Injection / Waste Disposal
(If "Gas," Production / Underground Storage / Deep / Shallow /)

LOCATION: Elevation: 1068 Watershed Laurel Run
District: Greenbrier County Doddridge Quadrangle Big Isaac 7.5

APR 11 1983
DEPT. OF MINES

COMPANY James F. Scott
ADDRESS P. O. Box 112, Salem, WV 26426
DESIGNATED AGENT Darrel Wright
ADDRESS P. O. Box 112, Salem, WV
SURFACE OWNER Arlit J. Arbogast, Sr.
ADDRESS Route 3, Box 79, Salem, WV
MINERAL RIGHTS OWNER Charles L. Ross
ADDRESS RD 2, Bristol, WV

OIL AND GAS INSPECTOR FOR THIS WORK Stephen
Casey ADDRESS Route 2, Jane Lew
PERMIT ISSUED 12/16/82
DRILLING COMMENCED 1/3/83
DRILLING COMPLETED 1/10/83

IF APPLICABLE: PLUGGING OF DRY HOLE ON
CONTINUOUS PROGRESSION FROM DRILLING OR
REWORKING. VERBAL PERMISSION OBTAINED
ON

Casing Tubing Size	Used in Drilling	Left in Well	Cement fill up Cu. ft.
20-16 Cond.			
13-10"	30		
9 5/8			
8 5/8		670	to surface
7			
5 1/2			
4 1/2		5210	219 sks
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Alexander

Depth of completed well 5237 feet Rotary X / Cable Tools
Water strata depth: Fresh feet; Salt feet
Coal seam depths: 92-95 Is coal being mined in the area? no

OPEN FLOW DATA

Producing formation Alexander
Gas: Initial open flow Mcf/d Oil: Initial open flow Bbl/d
Final open flow 555 Mcf/d Final open flow Bbl/d
Time of open flow between initial and final tests 4 hours
Static rock pressure 1725 psig (surface measurement) after 120 hours shut in
(If applicable due to multiple completion--)
Second producing formation
Gas: Initial open flow Mcf/d Oil: Initial open flow Bbl/d
Final open flow Mcf/d Oil: Final open flow Bbl/d
Time of open flow between initial and final tests hours
Static rock pressure psig (surface measurement) after hours shut in

DOV 0. - 3197

APR 18 1983

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

Alexander 5103-5109 15000# 80/100 Sand 601 bb1 H₂O
 45000# 20/40 Sand

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal, oil and gas
Fill			0	5	
Sand			5	92	
Coal			92	95	
Sand			95	120	
Sandy Shale			120	210	
Sand			210	230	
Sand & Shale			230	400	
Sand			400	410	
Shale			410	425	
Sand			463	570	
Red Rock			570	670	
Sand & Shale			670	765	
Red Rock			765	866	
Sand & Shale			866	980	
Shale			980	998	
Sand & Shale			998	1293	
Shale			1293	1367	
Sand & Shale			1367	1480	
Shale			1485	1740	
Sand			1740	1770	
Shale			1770	1780	
Sand			1780	1825	
Lime & Sand			1825	1970	
Shale			1970	2212	
Sand			2212	2235	
Shale			2235	2535	
Sand			2535	2570	
Shale			2570	4740	
Benson Sand			4740	4750	
Shale			4750		

5237
 TD. Alexander @ TD.

(Attach separate sheets as necessary)

James F. Scott
 Well Operator

By: James F. Scott

Date: April 6, 1983

Note: Regulation 2.02(i) provides as follows:
 "The term 'log' or 'well log' shall mean a systematic detailed geological record of all formations, including ... encountered in the drilling of a well."



1) Date: November 30, 1982
2) Operator's Well No. Charles Ross 5-437
3) API Well No. 47 State 017 County XXBION Permit

DRILLING CONTRACTOR:
STATE OF WEST VIRGINIA
DEPARTMENT OF MINES, OIL AND GAS DIVISION
OIL AND GAS WELL PERMIT APPLICATION

4) WELL TYPE: A Oil Gas
B (If "Gas", Production Underground storage Deep Shallow
Elevation: 1000 Watershed: Laurel Run

5) LOCATION: District: Wetzel County: Doddridge Quadrange: W. 138C 7.5

6) WELL OPERATOR: Charles L. Ross Address: 1000 P.O. Box 117, Weston, WV 25393

7) OIL & GAS ROYALTY OWNER: Charles L. Ross Address: 1000 P.O. Box 117, Weston, WV 25393

8) SURFACE OWNER: Charles L. Ross Address: 1000 P.O. Box 117, Weston, WV 25393

9) FIELD SALE (IF MADE) TO: _____ Address: _____

10) OIL & GAS INSPECTOR TO BE NOTIFIED: _____ Name: _____ Address: _____

11) DESIGNATED AGENT: _____ Name: _____ Address: _____

12) COAL OPERATOR: _____ Name: _____ Address: _____

13) COAL OWNER(S) WITH DECLARATION ON RECORD: _____ Name: _____ Address: _____

14) COAL LESSEE WITH DECLARATION ON RECORD: _____ Name: _____ Address: _____

15) PROPOSED WORK: Drill Drill deeper Redrill Fracture or stimulate
Plug off old formation Perforate new formation
Other physical change in well (specify) _____

16) GEOLOGICAL TARGET FORMATION, _____
17) Estimated depth of completed well, _____ feet
18) Approximate water strata depths: Fresh, Unknown feet; salt, Unknown feet.
19) Approximate coal seam depths: _____ Is coal being mined in the area? Yes No

20) CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS			FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS	
	Size	Grade	Weight per ft.	New	Used			Left in well
Conductor	1 3/4					30		Kind
Fresh water								Sizes
Coal								Depths set
Intermediate								Perforations:
Production								Top
Tubing								Bottom
Liners								

21) EXTRACTION RIGHTS
Check and provide one of the following:
 Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil or gas.
 The requirement of Code 22-4-1-(c) (1) through (4). (See reverse side for specifics.)

22) ROYALTY PROVISIONS
Is the right to extract, produce or market the oil or gas based upon a lease or other continuing contract or contracts providing for flat well royalty or any similar provision for compensation to the owner of the oil or gas in place which is not inherently related to the volume of oil or gas so extracted, produced or marketed? Yes No

23) Required Copies (See reverse side.)
24) Copies of this Permit Application and the enclosed plan and reclamation plan have been mailed by registered mail or delivered by hand to the above named coal operator, coal owner(s), and coal lessee on or before the day of the mailing or delivery of this Permit Application to the Department of Mines at Charleston, West Virginia.

Notary: James L. Ross Signed: _____
My Commission Expires: June 30, 1980 Its: _____

OFFICE USE ONLY
DRILLING PERMIT
Permit number: 47-017-3185-3197 Date: _____

This permit covering the well operator and well location shown below is evidence of permission granted to drill in accordance with the pertinent legal requirements subject to the conditions contained herein and on the reverse hereof. Notification must be given to the District Oil and Gas Inspector. (Refer to No. 10) Prior to the construction of roads, locations and pits for any permitted work. In addition, the well operator or his contractor shall notify the proper district oil and gas inspector 24 hours before actual permitted work has commenced.)

Permit expires _____ unless drilling is commenced prior to that date and prosecuted with due diligence.
Bond: _____ Agent: _____ Plat: _____ Casing: _____ Fee: _____
Administrator, Office of Oil and Gas

NOTE: Keep one copy of this permit posted at the drilling location.

Line Item Explanation

- 1) Date of Application
- 2) Your well name and number
- 3) To be filled out by office of oil & gas
- 4A) "Oil" means natural crude oil or petroleum and other hydrocarbons, regardless of gravity, which are produced at the well in liquid form by ordinary production methods and which are not the result of condensation of gas after it leaves underground reservoirs; "Gas" means all natural gas and all other fluid hydrocarbons not defined as oil.
- 4B) "Shallow well" means any well drilled and completed in a formation above the top of the uppermost member of the "Onondaga Group" or a depth less than six thousand feet, whichever is shallower.
"Deep well" means any well drilled and completed in a formation at or below the top of the uppermost member of the "Onondaga Group" or at a depth less than six thousand feet, whatever is shallower.
- 5) Where well is located
- 6) Before a permit can be issued in a corporation, company partnership, or fictitious name, the name must be registered with the Secretary of State Office
- 7) Use separate sheet if necessary
- 8) Present surface owner at time application is filed.
- 9) Optional
- 11) See Reg. 7.01 relating to code §22-4-1k
- 12) "Coal Operator" means any persons, firm, partnership, partnership association or corporation that proposes to or does operate a coal mine. See Note 24
- 13 & 14) As per §22-4-20; See Note 24
- 15) Work that will be attempted—A separate Form IV-2 shall not be required for fracturing or stimulating a well where fracturing or stimulating is to be part of the work for which a permit is sought and is noted as such on the Form IV-2 filed in connection therewith.
- 16) Anticipated formation for which well will be completed
- 17) Self explanatory
- 18) Depth to deepest freshwater, and shallowest salt water, taken from nearby wells corrected for differences in elevation
- 19) All coal seam depths
- 20) Proposed casing program and cementing refer to Code 22-4-5, 22-4-6, 22-4-7, 22-4-8, 22-4-8a Reg 9.01, 15.01, 15.02, 15.03, 15.04, 25.01, 25.02, 25.03, 25.04
- 21) Code 22-4-11(c) - In lieu of filing the lease or leases or other continuing contract or contracts, the applicant for a permit described herein may file the following:
 - (1) A brief description of the tract of land including the district and county wherein the tract is located;
 - (2) The identification of all parties to all leases or other continuing contractual agreements by which the right to extract, produce or market the oil or gas is claimed;
 - (3) The book and page number wherein each such lease or contract by which the right to extract, produce or market the oil or gas is recorded;
 - (4) A brief description of the royalty provisions of each such lease or contract.
- 22) Code 22-4-11(d) and 22-4-11(e).
- 23) Regulation 7.02 of the Department of Mines provides that the original and four copies of Form IV-2 must be filed with the Department, accompanied by (i) a plat in the form prescribed by Regulation 11, (ii) a bond in one of the forms prescribed by Regulation 12, or in lieu thereof the other security allowed by Code §22-4-2, (iii) Form IV-9, "Reclamation Plan", applicable to the reclamation required by Code §22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fee required by Code §22-4-12a, and (v) if applicable, the consent required by Code §22-4-8a from the owner of any water well or dwelling within 200 feet of the proposed well.
- 24) **The above named coal operator, coal owner(s), and coal lessee are hereby notified that any objection they wish to make or are required to make by Code §22-4-3 must be filed with the Department of Mines within fifteen (15) days after the receipt of this Application by the Department.**

The following waiver must be completed by the coal operator and by any coal owner or coal lessee who has recorded a declaration under Code 22-4-20, if the permit is to be issued within fifteen (15) days of receipt thereof.

WAIVER

The undersigned coal operator _____ / owner _____ / lessee X / of the coal under this well location has examined this proposed well location. If a mine map exists which covers the area of the well location, the well location has been added to the mine map. The undersigned has no objection to the work proposed to be done at this location, provided, the well operator has complied with all applicable requirements of the West Virginia Code and the governing regulations.

Wills Co. Technical Dept, Agent

Consolidation Coal Co.

Coal Owner
Date: December 2, 19 82

By C.W. Meservey
Its Senior Vice Pres.