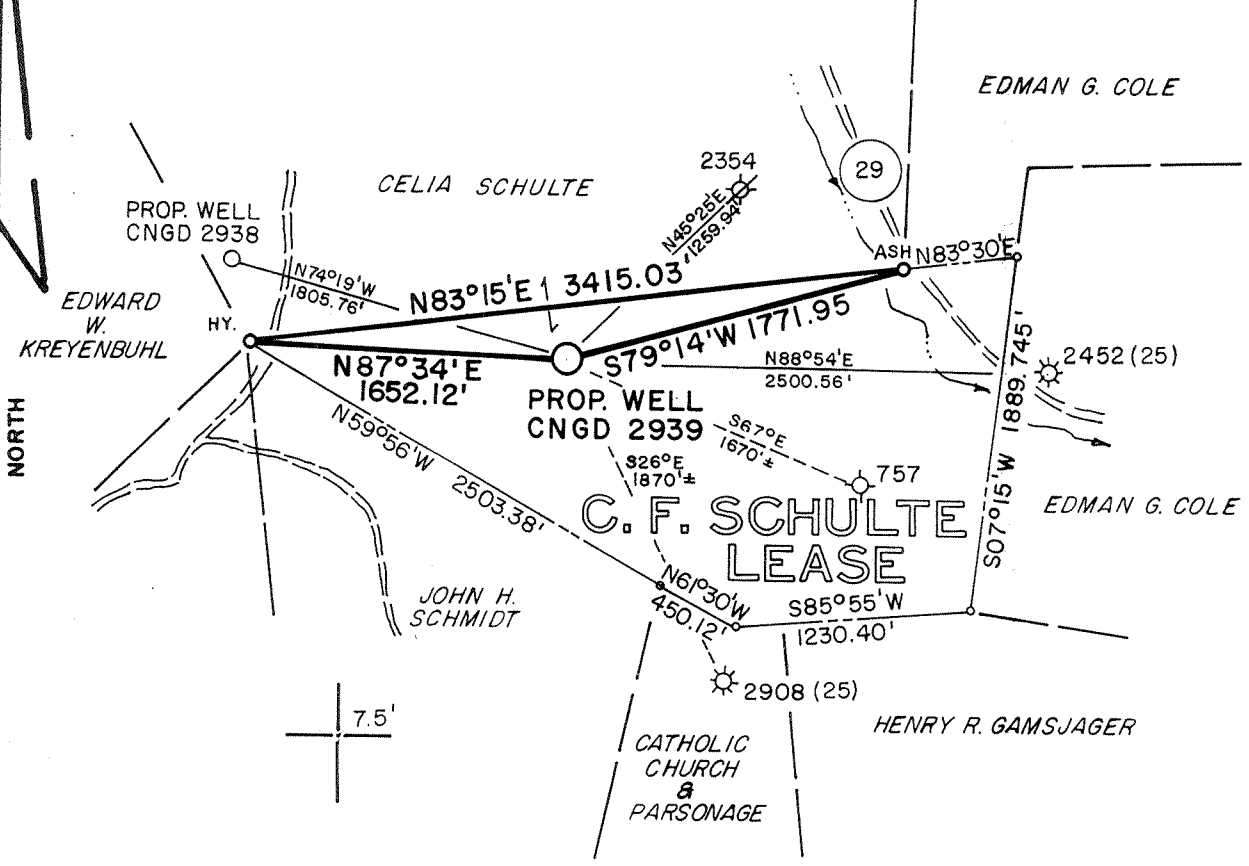


LATITUDE 39°10'00"

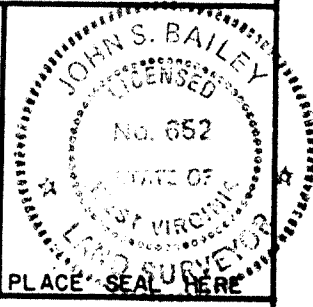
MAGNETIC REFERENCE TIES  
N66°08'W 171.47' TO 8" ASH  
S88°05'W 209.28' TO 8" W.O.

LONGITUDE 80°40'00"  
11,750'



FILE NO. MSES 87-758  
 DRAWN BY SARC/RRC  
 SCALE 1" = 1000'  
 MINIMUM DEGREE OF ACCURACY 1 PART IN 200  
 PROVEN SOURCE OF ELEVATION B.M. ELEV. 888'  
3000' SE OF LOCATION

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) John S. Bailey  
 R. P. E. \_\_\_\_\_ L. L. S. 652



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



Department of Mines  
 Oil & Gas Division

DATE APRIL 1, 19 87  
 OPERATOR'S WELL NO. CNGD 2939  
 API WELL NO. 47-017-3551  
 STATE COUNTY PERMIT

**CANCELLED**

WELL TYPE: OIL \_\_\_ GAS X LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_  
 (IF "GAS", PRODUCTION X STORAGE \_\_\_ DEEP \_\_\_ SHALLOW X)  
 LOCATION: ELEVATION 1235.4' WATER SHED BUCK RUN OF LITTLE KANAWHA RIVER  
 DISTRICT COVE COUNTY DODDRIDGE  
 QUADRANGLE NEW MILTON, WV 7.5' NEAREST TOWN LEOPOLD  
 SURFACE OWNER CELIA SCHULTE ACREAGE 108  
 OIL & GAS ROYALTY OWNER C.F. SCHULTE LEASE ACREAGE 108  
 LEASE NO. DV-16812  
 PROPOSED WORK: DRILL X 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 \_\_\_ SEP 29 1989  
 TARGET FORMATION DEVONIAN SHALE ESTIMATED DEPTH 5670'  
 WELL OPERATOR CNG DEVELOPMENT COMPANY DESIGNATED AGENT GARY A. NICHOLAS  
 ADDRESS P.O. BOX 15746 ADDRESS ROUTE 2, BOX 698  
PITTSBURGH, PA 15244 BRIDGEPORT, WV 26330

DODD. 3551

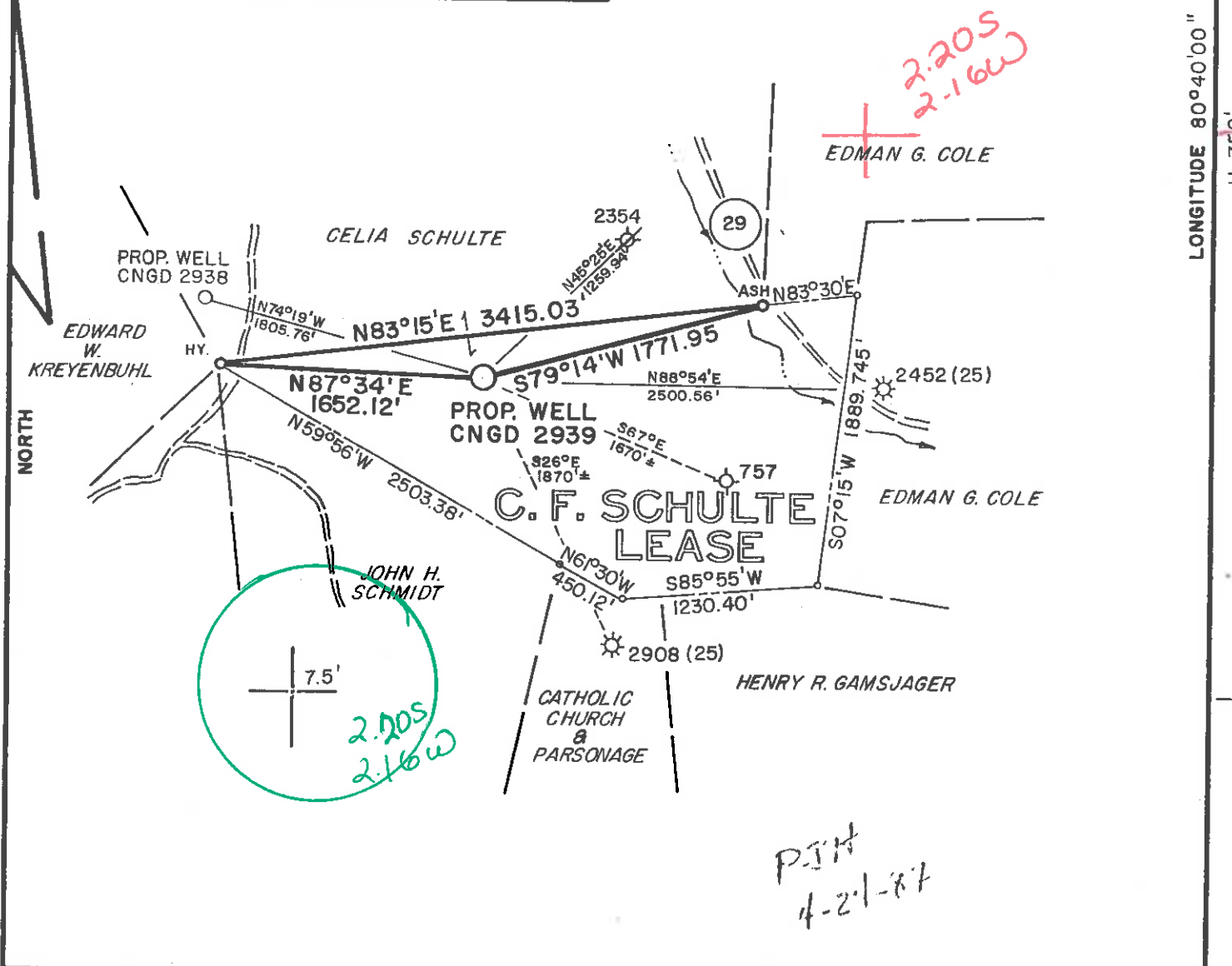
985 5/21/87

11,450'

LATITUDE 39°10'00"

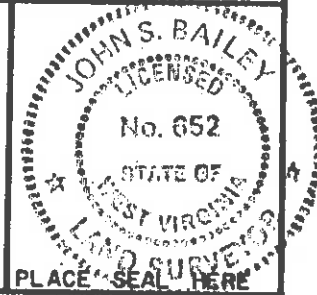
LONGITUDE 80°40'00"

MAGNETIC REFERENCE TIES  
 N66°08'W 171.47' TO 8" ASH  
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FILE NO. MSES 87-758  
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 SCALE 1" = 1000'  
 MINIMUM DEGREE OF ACCURACY 1 PART IN 200  
 PROVEN SOURCE OF ELEVATION B.M. ELEV. 888'  
3000 SE OF LOCATION

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) John S. Bailey  
 R. P. E. L. L. S. 652



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



Department of Mines  
 Oil & Gas Division

DATE APRIL 1, 19 87  
 OPERATOR'S WELL NO. CNGD 2939  
 API WELL NO. 47-017-3551  
 STATE COUNTY PERMIT

WELL TYPE: OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL   
 (IF "GAS", PRODUCTION  STORAGE  DEEP  SHALLOW   
 LOCATION: ELEVATION 1235.41' WATER SHED BUCK RUN OF LITTLE KANAWHA RIVER  
 DISTRICT COVE 2 COUNTY DODDRIDGE  
 QUADRANGLE NEW MILTON, WV 7.5' 123 NEAREST TOWN LEOPOLD  
 SURFACE OWNER CELIA SCHULTE ACREAGE 108  
 OIL & GAS ROYALTY OWNER C. F. SCHULTE LEASE NO. DV-16812 LEASE ACREAGE 108  
 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 DEVONIAN SHALE ESTIMATED DEPTH 5670'  
 WELL OPERATOR CNG DEVELOPMENT COMPANY DESIGNATED AGENT GARY A. NICHOLAS  
 ADDRESS P.O. BOX 15746 ADDRESS ROUTE 2, BOX 698  
PITTSBURGH, PA 15244 JUN 08 1987 BRIDGEPORT, WV 26330

M.S.P. Consultants Inc.

Clarksburg, WV

**RECEIVED**  
MAY 19 1987



1) Date: April 29, 19 87  
 2) Operator's Well No. CNGD 2939  
 3) API Well No. 47 State 017 County 3551 Permit

STATE OF WEST VIRGINIA  
 DIVISION OF OIL & GAS DEPARTMENT OF ENERGY, OIL AND GAS DIVISION  
 DEPARTMENT OF ENERGY APPLICATION FOR A WELL WORK PERMIT

- 4) WELL TYPE: A Oil  / Gas  /  
 B (If "Gas", Production  / Underground storage  / Deep  / Shallow  )  
 5) LOCATION: Elevation: 1235.41 Watershed: Buck Run of Little Kanawha River  
 District: Cove County: Doddridge 017 Quadrangle: New Milton 510  
 6) WELL OPERATOR CNG Development Co CODE: 1010 7) DESIGNATED AGENT Gary Nicholas  
 Address c/o Cheryl S. Hartle P.O. Box 15746 Address Crosswind Corporate Park  
Pittsburgh, PA 15244 Rt. 2, Box 698, Bridgeport, WV 26330  
 8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) DRILLING CONTRACTOR:  
 Name Mike Underwood Name Sam Jack Drilling Co.  
 Address Route 2, Box 114 Address P.O. Box 48  
Salem, WV 26426 Buckhannon, WV 26201  
 10) PROPOSED WELL WORK: Drill  / Drill deeper  / Redrill  / Stimulate  /  
 Plug off old formation  / Perforate new formation  /  
 Other physical change in well (specify) \_\_\_\_\_  
 11) GEOLOGICAL TARGET FORMATION, Alexander  
 12) Estimated depth of completed well, 5670 feet  
 13) Approximate trata depths: Fresh, 2235 feet; salt, 11355 - feet.  
 14) Approximate coal seam depths: 4288 Is coal being mined in the area? Yes  / No  /

15) CASING AND TUBING PROGRAM 017-2908 & 2354

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
	Size	Grade	Weight per ft.	New	Used	For drilling	Left in well		
Conductor									Kinds
Fresh water	11-3/4	H-40	42	X		40318	40318	To surface	By rule 15.05
Coal									Sizes
Intermediate	8-5/8	X-42	23	X		1625	1625	To surface	By rule 15.05
Production	4-1/2	J-55	10.5	X		5670	5670	200 - 400	Depths set
Tubing	1-1/2	CN-55	2.75	X					By rule 15.01
Liners									Perforations:
									Top Bottom

OFFICE USE ONLY  
 DRILLING PERMIT

Permit number 47-017-3551

Date June 4 19 87

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. 8) 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.)

The permitted work is as described in the Notice and Application, plat, and reclamation plan, subject to any modifications and conditions specified on the reverse hereof.  
 Permit expires June 4 89 unless well work is commenced prior to that date and prosecuted with due diligence.

10172

Bond: <input checked="" type="checkbox"/>	Agent: <input checked="" type="checkbox"/>	Plat: <input checked="" type="checkbox"/>	Casing: <input checked="" type="checkbox"/>	Fee: <u>18872</u> <u>305</u>	WPCP: <input checked="" type="checkbox"/>	SEE: <input checked="" type="checkbox"/>	Other: <input type="checkbox"/>
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NOTE: Keep one copy of this permit posted at the drilling location.

Director, Division of Oil and Gas

File

See the reverse side of the APPLICANT'S COPY for instructions to the well operator.