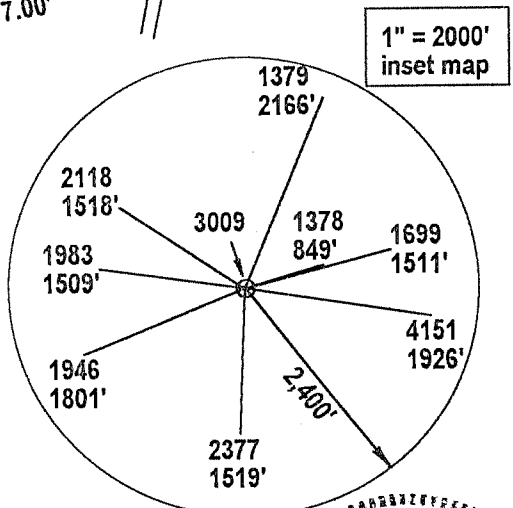


NAD 27 WV North Coord.
 N 321,197.7 E 1,744,298

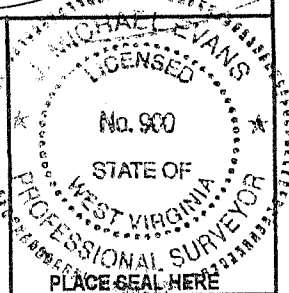


(*) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FILE NUMBER: _____
 DRAWING NUMBER: _____
 SCALE: 1" = 500 ft.
 MINIMUM DEGREE OF ACCURACY: 1 in 2500
 PROVEN SOURCE OF ELEVATION: GPS Survey (submeter)

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) *J. Michael Evans*
 J. Michael Evans, PS 900



STATE OF WEST VIRGINIA
 DIVISION OF ENVIRONMENTAL PROTECTION
 OFFICE OF OIL AND GAS
 #10 McJUNKIN ROAD
 NITRO, WV 25143-2506
 FORM WW-6

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

DATE: August 22, 2002

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

LOCATION: ELEVATION 1,324' WATERSHED Peters Run
 DISTRICT Eagle COUNTY Harrison
 QUADRANGLE Wallace LEASE NUMBER 15690

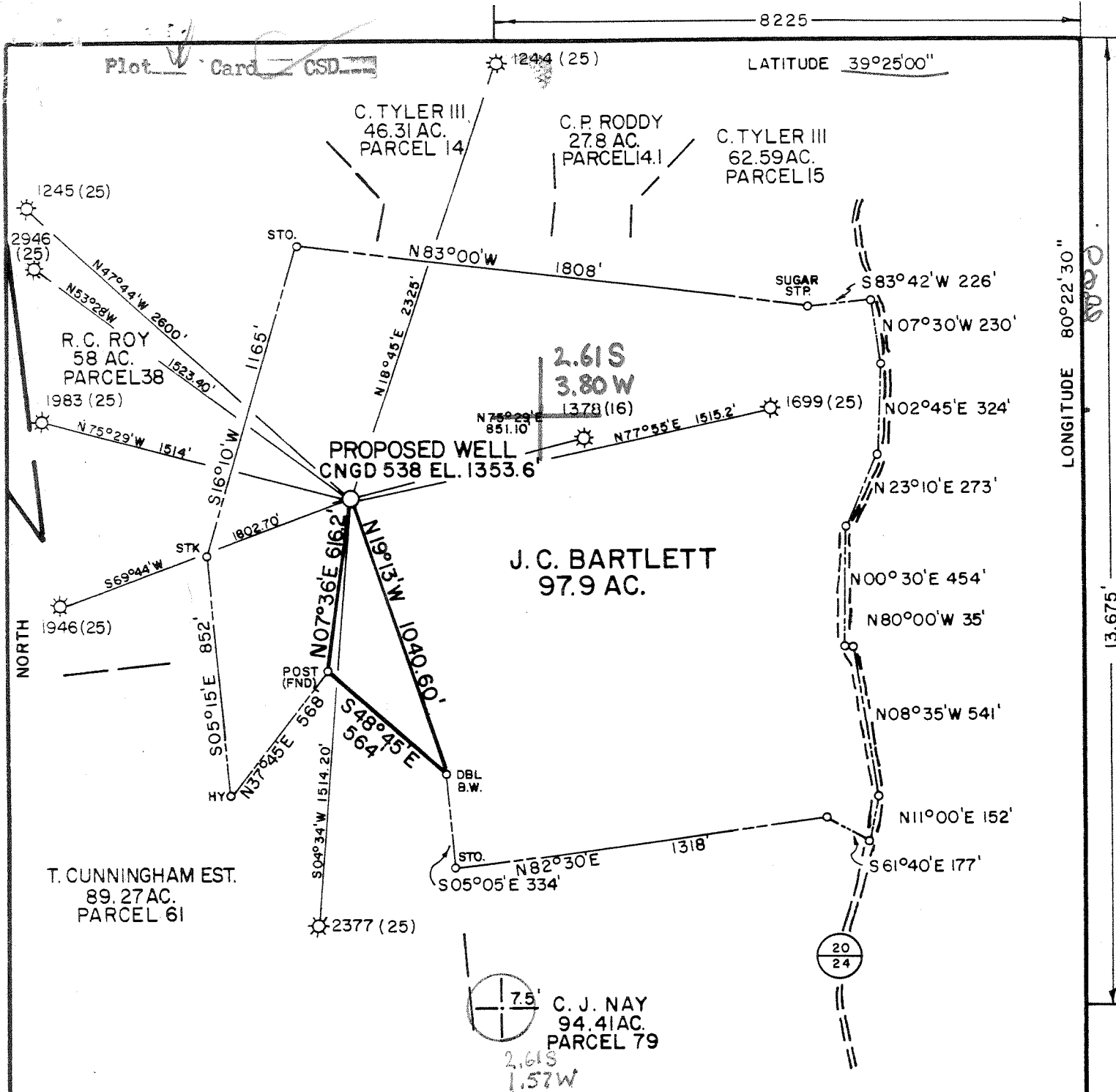
SURFACE OWNER Calvin B. & Anna M. Smith ACREAGE 87.07
 OIL & GAS ROYALTY OWNER J. C. Bartlett LEASE ACREAGE 116

PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE (SPECIFY) REWORK
 PLUG & ABANDON CLEAN OUT & REPLUG

TARGET FORMATION _____ ESTIMATED DEPTH _____

WELL OPERATOR DOMINION EXPLORATION & PRODUCTION, INC. DESIGNATED AGENT Rodney J. Biggs
 ADDRESS P. O. Box 1248, Jane Lew, WV 26378 ADDRESS P. O. Box 1248, Jane Lew, WV 26378

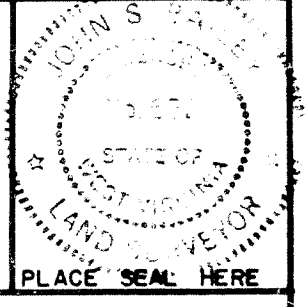
COUNTY NAME HARR PERMIT 3009 F



PREPARED BY MSES CONSULTANTS

FILE NO. MSES 84-298
 DRAWING NO. _____
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1 IN 200
 PROVEN SOURCE OF ELEVATION B.M. ELEV 970' 1 MI S.W. OF LOCATION AT DOLA

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) [Signature]
 R. P. E. _____ L. L. S. 652



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



DATE FEBRUARY 6, 1984
 OPERATOR'S WELL NO. CNGD 538
 API WELL NO. 47 - 033 - 3009
 STATE COUNTY PERMIT

Department of Mines
 Oil & Gas Division

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS", PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X)
 LOCATION: ELEVATION 1353.60' WATER SHED ___ PETERS RUN ___
 DISTRICT EAGLE 4 COUNTY HARRISON
 QUADRANGLE 655 WALLACE 7.5' (1960) Clarksburg 15' Cs
 SURFACE OWNER C.B. SMITH ET. UX ACREAGE 87.07
 OIL & GAS ROYALTY OWNER JC BARTLETT LEASE ACREAGE 116
 LEASE NO. 15690
 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 ALEXANDER ESTIMATED DEPTH 5200'
 WELL OPERATOR CNG DEVELOPMENT COMPANY 142 DESIGNATED AGENT GARY A. NICHOLAS
 ADDRESS ONE PARK RIDGE CENTER PITTSBURGH, PA 15244 ADDRESS CROSSWIND CORPORATE PARK ROUTE 2 BOX 698 BRIDGEPORT, W.V. 26330

MAR 26 1984

State of West Virginia
Department of Environmental Protection
Office of Oil and Gas

ALB

Well Operator's Report of Well Work

Farm name: Smith, Calvin B. Operator Well No.: 538 REWORK
LOCATION: Elevation: 1,324' Quadrangle: West Union

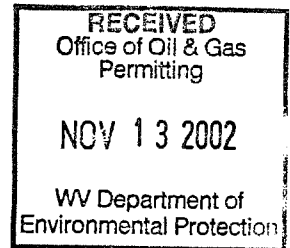
District: Eagle County: Harrison
Latitude: 14000 Feet South of 39 Deg. 225 Min. 00 Sec.
Longitude 8400 Feet West of 80 Deg. 22 Min. 30 Sec.

Company: Dominion Exploration & Production, Inc

	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
Address: P O Box 1248 Jane Lew, WV 26378				
Agent: Rodney J. Biggs				
Inspector: Tim Bennett				
Date Permit Issued: 09/18/2002		See Original	WR-35 for	Existing
Date Well Work Commenced:		Casing	program	
Date Well Work Completed: 10/25/2002				
Verbal Plugging: N/A				
Date Permission granted on: N/A				
Rotary Cable X Rig				
Total Depth (feet):				
Fresh Water Depth (ft.): N/A				
Salt Water Depth (ft.): N/A				
Is coal being mined in area (N/Y)? N				
Coal Depths (ft.): N/A				

OPEN FLOW DATA

50 Foot 2202-2246'
Producing formation Sqaw Pay zone depth (ft) 1702-1706'
Gas: Initial open flow -- MCF/d Oil: Initial open flow 0 Bbl/d
Final open flow 239 MCF/d Final open flow 0 Bbl/d
Time of open flow between initial and final tests 12 Hours
Static rock Pressure 50 psig (surface pressure) after 12 Hours



Second producing formation Injun Pay zone depth (ft) 1678-1684'
Gas: Initial open flow * MCF/d Oil: Initial open flow * Bbl/d
Final open flow * MCF/d Final open flow * Bbl/d
Time of open flow between initial and final tests * Hours
Static rock Pressure * psig (surface pressure) after * Hours

* Comingled

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

Signed: _____
By: Rodney J. Biggs
Date: 11/8/02

NR
NOV 27 2002

HAR 3009 F

WELL 538 REWORK

10/25/02 PLAN TO FRAC TODAY

11/06/2002

PERFED AND FRACED AS FOLLOWS:

50', 2202 - 2246', 18 HOLES, BD 2750#, AVG RATE 17 BPM, AVG PRESS 2369', 300
BBLs, TOT SAND 20,000#

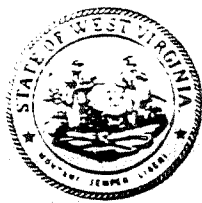
ISIP 1650#

SQUAW, 1702 - 1708', 18 HOLES, BD 2080#, AVG RATE 22 BPM, AVG PRESS 1950#, 178
BBLs, TOT SAND

10,000#, ISIP 1150#

INJUN, 1678 - 1684', 18 HOLES, BD 1518#, AVG RATE 18 BPM, AVG PRESS 1894#, 189
BBLs, TOT SAND

10,200#, ISIP 1240#



IV-35
(Rev 8-81)

Date May 4, 1984
Operator's
Well No. CNGD 538
Farm J. Bartlett
API No. 47 - 033 - 3009

RECEIVED
MAY 24 1984
State of West Virginia
Department of Mines
Oil and Gas Division

DEPT. OF MINES
WELL OPERATOR'S REPORT
OF
DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

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

LOCATION: Elevation: 1353' Watershed Peters Run
District: Eagle County Harrison Quadrangle Wallace 7 5'

COMPANY CNG Development Company
ADDRESS One Park Ridge Center
Pittsburgh, PA 15244
DESIGNATED AGENT Gary A. Nicholas
ADDRESS Crosswind Corporate Park
Route 2, Box 698, Bridgeport, WV 26330
SURFACE OWNER C. B. Smith, et ux
ADDRESS Rt. 1, Box 85A, Lumberport, WV 26386
MINERAL RIGHTS OWNER J. C. Bartlett, heirs
ADDRESS L. S. Cavendish, attorney in fact for
C. L. Bartlett; 22 Mercer St. Beckley, WV 25801
OIL AND GAS INSPECTOR FOR THIS WORK
Stephen Rt. 2, Box 232-D
Casey ADDRESS Jane Lew, WV 26378
PERMIT ISSUED March 26, 1984
DRILLING COMMENCED April 6, 1984
DRILLING COMPLETED April 15, 1984
IF APPLICABLE: PLUGGING OF DRY HOLE ON
CONTINUOUS PROGRESSION FROM DRILLING OR
REWORKING. VERBAL PERMISSION OBTAINED
ON _____

Casing & Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft.
Size 20-16 Cond.			
11-3/4" 13-1/2"	226'	226'	To Surf
9 5/8			
8 5/8	1474'	1474'	To Surf
7			
5 1/2			
4 1/2	4864'	4864'	510 Sks
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Alexander Depth 5200 feet
Depth of completed well 5290 feet Rotary x / Cable Tools _____
Water strata depth: Fresh 50', 275', 1060' feet; Salt _____ feet
Coal seam depths: 185-194' Is coal being mined in the area? No

OPEN FLOW DATA
Producing formation Benson Balltown Speechley Pay zone depth 4662-4671 3486-3508 3159-3276 feet
Gas: Initial open flow -- Mcf/d Oil: Initial open flow -- Bbl/d
Final open flow 1,555 Mcf/d Oil: Final open flow -- Bbl/d
Time of open flow between initial and final tests _____ hours
Static rock pressure 1100' psig (surface measurement) after 24 hours shut in
(If applicable due to multiple completion--)
Second producing formation _____ Pay zone depth _____ feet
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

JUN 4 1984

(Continue on reverse side)

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

enson Perforations: 4662-4671', 10 holes; Fractured with 40,000# Sand, 500 BBL Fluid, 500 gal 15% Acid.
alltown Perforations: 3486-3508, 12 holes; Fractured with 50,000# Sand, 550 BBL Fluid, 500 gal 15% Acid.
speechley Perforations: 3159-3276', 10 holes; Fractured with 40,000# Sand, 500 BBL fluid, 500 gal 15% Acid.

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal, oil and gas
DB - GL			0	10	
Soil & Shale			10	15	
Sd & Sh			15	190	50' - 1/2" stream water
Open hole			185	194	185'-194'; open mine
Sd & Sh			194	1321	275' - 1/2": stream water
Sh & RR			1321	1447	1060' - 1 1/2" stream water
Sd & Sh			1447	1535	
Big Lime			1535	1595	
Injun			1595	1690	
Sd & Sh			1690	2260	
Sd & RR			2260	2300	
Sd & Sh			2300	4320	
Riley			4320	4330	
Sd & Sh			4330	4910	
Alexander			4910	4940	
Sd & Sh			4940	5290	
<u>LOG TOPS</u>					
Big Injun			1624	1688	
Pocono			1700	1711	
Gantz			2034	2106	
50'			2135	2210	
30'			2238	2268	
Gordon			2295	2400	
4th			2404	2485	
5th			2540	2592	
Warren			2927	2975	
Upper Speechley			3107	3186	
Speechley			3210	3336	
Balltown			3404	3529	
Bradford			3912	4031	
Riley			4469	4558	
Benson			4656	4672	
Alexander			4964	5064	

(Attach separate sheets as necessary)

Consolidated Natural Gas Development Company
Well Operator

By: *[Signature]*

Date: May 4, 1984

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 coal, encountered in the drilling of a well."



1) Date: February 24, 1984
 2) Operator's Well No. 538
 3) API Well No. 47 - 033 - 3009
 State _____ County _____ Permit _____

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

- 4) WELL TYPE: A Oil _____ / Gas X /
 B (If "Gas", Production X / Underground storage _____ / Deep _____ / Shallow X /)
- 5) LOCATION: Elevation: 1353.6 / Watershed: Peters Run
 District: Sardis / County: Harrison / Quadrangle: Wallace 7.5 (1960)
- 6) WELL OPERATOR ~~Mr. Paul W. Garrett~~
 Address CNG Development Co., P.O. Box 15746
Pittsburgh, PA 15244
- 7) DESIGNATED AGENT Mr. Gary Nicholas
 Address Crosswind Corporate Park
Rt. 2, Box 698, Bridgeport, WV 26330
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED
 Name Mr. Stephen Casey
 Address Rt. 2, Box 232-D
Jane Lew, WV 26378
- 9) DRILLING CONTRACTOR:
 Name Sam Jack Drilling Company
 Address P. O. Box 48
Buckhannon, WV 26201
- 10) PROPOSED WELL WORK: Drill X / Drill deeper _____ / Redrill _____ / Stimulate X
 Plug off old formation _____ / Perforate new formation _____
 Other physical change in well (specify) _____
- 11) GEOLOGICAL TARGET FORMATION, Alexander
- 12) Estimated depth of completed well, 5200 feet
- 13) Approximate trata depths: Fresh, 212 feet; salt, 1186 feet.
- 14) Approximate coal seam depths: 180-184 Is coal being mined in the area? Yes _____ No X

RECEIVED
 FEB 29 1984
 OIL & GAS DIVISION
 DEPT. OF MINES

15) 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	For drilling	Left in well		
Conductor									Kinds
Fresh water	11-3/4	H-40	42	X		40	40	To surface	By Rule 15.05
Coal									Sizes
Intermediate	8-5/8	X-42	23	X		1250	1250	To surface	By Rule 15.05
Production	4-1/2	J-55	10.5	X		5200	5200	200-400 sks	Depths set Rule 15.01
Tubing	1-1/2	CN-55	2.75	X					
Liners									Perforations:
									Top Bottom

OFFICE USE ONLY
 DRILLING PERMIT

Permit number 47-033-3009 Date March 26, 19 84

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 March 26, 1986 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond:	Agent: <u>L</u>	Plat: <u>MH</u>	Casing: <u>MH</u>	Fee: <u>600.00</u>
-------	-----------------	-----------------	-------------------	--------------------

T. H. A.
 Administrator, Office of Oil and Gas

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