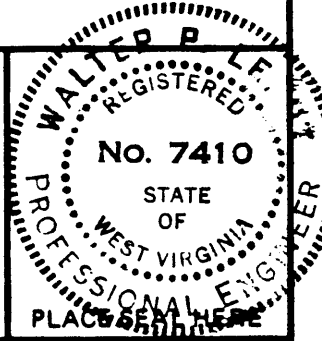


FILE NO. 11-4-82
 DRAWING NO. 11-4-82
 SCALE 1" = 200'
 MINIMUM DEGREE OF ACCURACY 1 IN 200
 PROVEN SOURCE OF ELEVATION 9 OF ROADS ± 700'
SOUTHEAST (918)

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) Walter P. Leiper
 R.P.E. 7410 L.L.S.



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



DATE DEC 4, 19 82
 OPERATOR'S WELL NO. one
 API WELL NO. 47-033-2860
 STATE COUNTY PERMIT

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

WELL TYPE: OIL GAS LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION ___ STORAGE ___ DEEP ___ SHALLOW ___
 LOCATION: ELEVATION 965 WATER SHED MUDLICK RUN
 DISTRICT CLAY COUNTY HARRISON
 QUADRANGLE SHINNSTON 7 1/2 Clarksburg 15' EC.
 SURFACE OWNER RICHARD + BETTY HURSEY ACREAGE 4.2 - .6 = 3.6
 OIL & GAS ROYALTY OWNER RICHARD + BETTY HURSEY LEASE ACREAGE 4.2
 LEASE NO. _____

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 Baltimore ESTIMATED DEPTH 3300
 WELL OPERATOR LINCOLN PRODUCTION CO DESIGNATED AGENT TERRING M. WEAVER
 ADDRESS PO BOX 2077 ADDRESS PO BOX 2070
CLARKSBURG, W.VA. 26301 CLARKSBURG W.VA. 26301

DEC 20 1982


 IV-35
 (Rev 8-81)

 State of West Virginia
 Department of Mines
 Oil and Gas Division

 Date January 12, 1983
 Operator's Well No. #1
 Farm R. Hursey
 API No. 47-033 - 2860

 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: 980 Watershed Mudlick
 District: Clay County Harrison Quadrangle Shinnston

 COMPANY Lincoln Production
 ADDRESS Rt. 1, Box 87, Lumberport, WV
 DESIGNATED AGENT Terring M. Weaver
 ADDRESS PO Box 2077, Clarksburg, WV
 SURFACE OWNER Richard Hursey
 ADDRESS 1228 E. Pike Street, Shinnston WV
 MINERAL RIGHTS OWNER Richard Hursey
 ADDRESS 1228 E. Pike St., Shinnston, WV
 OIL AND GAS INSPECTOR FOR THIS WORK Steve Casey
 ADDRESS Rt. 2, Jane Lew, WV
 PERMIT ISSUED 12-13-82
 DRILLING COMMENCED 12-13-82
 DRILLING COMPLETED 12-20-83
 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.			
11 3/4	36	None	None
9 5/8			
8 5/8	1173	1173	To Surface
7			
5 1/2			
4 1/2		2571	280 Sk.
3			1200-257
2			
Liners used			

 GEOLOGICAL TARGET FORMATION Balltown Depth 3250 feet
 Depth of completed well 3562 feet Rotary / Cable Tools ___
 Water strata depth: Fresh 30' feet; Salt 1090 feet
 Coal seam depths: 243, 405 Is coal being mined in the area? ___

OPEN FLOW DATA

 Producing formation 4th & 5th Sands Pay zone depth 2344-2476 feet
 Gas: Initial open flow show Mcf/d Oil: Initial open flow none Bbl/d
 Final open flow 60 Mcf/d Final open flow show Bbl/d
 Time of open flow between initial and final tests 4 hours
 Static rock pressure 500 psig (surface measurement) after 48 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

DEC 12 1983

FORM IV-35
(REVERSE)

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

12-27-82 1 stage N₂ Assist

4TH & 5TH Sands, (2344-2476 perfs, 16 holes, 3100 BRKD, 2950 AV.PSI.,
640 T. BBLs, 67,000 T. Sand, 2000 ISIP.

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
					Including indication of all fresh and salt water, coal, oil and gas
Shale	g	s	0	10	H ₂ O at 30', 1090
Sand	w	h	10	20	Coals at 243, 405
Shale	g	s	20	70	
Sand	w	h	70	90	
Shale	g	s	90	243	
Coal	b	s	243	247	
Shale	g	s	247	405	
Sand & Sh.	g	s	410	680	
Sand	w	h	680	720	Gamma Ray Log Tops
Shale	g	s	720	780	Big Lime 1395
Sand	w	h	780	820	Big Injun 1445
Shale	g	s	820	865	50' 1980
Sand	w	h	865	1080	30' 2035
Shale	g	s	1080	1420	Gor 2075
Big Lime	br	h	1420	1445	4TH 2280
Sand	w	h	1445	1585	5TH 2430
Shale	g	s	1585	1990	Speechly 3030
Sand	w	h	1990	2380	Balltown 3255
Shale	g	s	2380	2435	
Sand	w	h	2435	2465	Show gas at 2445
Shale	g	s	2465	3255	
Siltstone	br	m	3255	3330	
Shale	g	s	3330	3562	Show gas at 3320
Total Depth				3562	TD Balltown@TD

(Attach separate sheets as necessary)

X Lincoln Production Company
Well Operator

By: Terrence M. W. Laver

Date: February 8, 1983

Note: Regulation 2.02(i) provides as follows:



1) Date: December 6, 19 82
2) Operator's Well No. #1 033 2860
3) API Well No. 47 State _____ County _____ 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 _____ /)
- 5) LOCATION: Elevation: _____ Watershed: _____
District: _____ County: _____ Quadrangle: _____
- 6) WELL OPERATOR _____ 11) DESIGNATED AGENT _____
Address _____ Address _____
- 7) OIL & GAS ROYALTY OWNER _____ 12) COAL OPERATOR _____
Address _____ Address _____
Acreage _____
- 8) SURFACE OWNER _____ 13) COAL OWNER(S) WITH DECLARATION ON RECORD:
Address _____ Name _____
Address _____ Name _____
- 9) FIELD SALE (IF MADE) TO: _____ 14) COAL LESSEE WITH DECLARATION ON RECORD:
Address _____ Name _____
Address _____ Name _____
- 10) OIL & GAS INSPECTOR TO BE NOTIFIED
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, _____ feet; salt, _____ 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	For drilling	Left in well		
Conductor									Kinds
Fresh water									
Coal									Sizes
Intermediate									
Production									Depths set
Tubing									
Liners									Perforations:
									Top Bottom

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

If the answer above is No, nothing additional is needed. If the answer is Yes, you may use Affidavit Form IV-60.

23) Required Copies (See reverse side.)

24) Copies of this Permit Application and the enclosed plat 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: _____
My Commission Expires _____

Signed: _____
Its: _____

OFFICE USE ONLY
DRILLING PERMIT

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 at 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, whichever 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 §22-4-11
- 12) "Coal Operator" means any person, firm, partnership, partnership association or corporation that proposes to or does construct coal mines. See Note 24
- 13 & 14) As per §22-4-10, see Note 24
- 15) Work that will be attempted—A separate Form IV-2 shall not be required for logging or stimulating a well where the logging or stimulation is to be part of the work for which a permit is being issued as such on the Form IV-2 and in connection therewith.
- 16) Anticipated formation for which wells will be completed
- 17) Self-explanatory
- 18) Depth to deepest freshwater and shallowest salt water. Elevation nearby wells corrected for differences in elevation
- 19) All coal seam depths
- 20) Proposed casing program and cementing refer to Code 22-4-3, 22-4-4, 22-4-7, 22-4-8, 22-4-8a, Reg. 9.01, 19.01, 15.02, 15.04, 15.06, 25.01, 25.02, 25.03, 25.04
- 21) Code 22-4-11(a) Prior to filing the lease or leases on other lands owned or controlled by the applicant for a permit, the applicant shall file the following:
(1) A true description of the tract of land including the district and county wherein the tract is located.
(2) A true description of all tracts to be leased or other lands containing coal seams, the locations of which the tract to be leased or other lands is adjacent to.
(3) A true description of the location of each lease or contract for which the permit is being produced or proposed to be produced.
(4) A true description of the relative positions of each such lease or contract.
- 22) Code 22-4-11(c) and 22-4-11(e)
- 23) Regulation 1.02 of the Department of Mines provides that the original and two copies of Form IV-2 must be filed with the Department, accompanied by a fee on the form prescribed by Regulation 1.02 of the Department of Mines. The fee prescribed by Regulation 1.02 of the Department of Mines shall be paid in full on Form IV-2. The Department may, at its discretion, require the applicant to file a bond in the amount of \$10,000, or such other amount as may be determined by Code §22-4-8a from the owner of any water well or existing mine or lease on the proposed well.
- 24) The applicant and coal operator and miner(s) and contractor are hereby notified that any objection they wish to make or be 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 lease or other interest under Code 22-4-3, if he or she is a lessee, within fifteen (15) days of receipt thereof.

WAIVER

The undersigned coal owner _____ owner _____ lessor _____ of the coal lands and/or coal leasehold interest in this property hereby waives any and all rights he or she may have in or to the coal lands and/or coal leasehold interest in this property and agrees to execute and file with the Department of Mines a permit for the drilling of a well on the coal lands and/or coal leasehold interest in this property and to comply with all applicable regulations of the Department of Mines.

Date: 12/17/19 By: _____ Its: _____