



1) Date: December 6, 19 82
 2) Operator's Well No. D. Wilson #1
 3) API Well No. 47 073 1569
 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 xx / Gas xx /
 B (If "Gas", Production _____ / Underground storage _____ / Deep _____ / Shallow x /)
- 5) LOCATION: Elevation: 836' Watershed: Turkey Run
 District: McKim County: Pleasants Quadrangle: Schultz 7 1/2
- 6) WELL OPERATOR L & B Oil Company, Inc. 11) DESIGNATED AGENT Loren E. Bagley
 Address P.O. Box C Address P.O. Box C
St. Marys, WV 26170 St. Marys, WV 26170
- 7) OIL & GAS ROYALTY OWNER Donald Wilson George A. Paynter 12) COAL OPERATOR none
 Address Rt 2 Madison Street Address _____
St. Marys, WV 26170/Torrance, Cal 20509
- 8) SURFACE OWNER George A. Paynter 13) COAL OWNER(S) WITH DECLARATION ON RECORD:
 Address Madison Street Name none
Torrance, Calif 20509 Address _____
 Acreage 50 Name _____
 Address _____
- 9) FIELD SALE (IF MADE) TO:
 Address _____
- 10) OIL & GAS INSPECTOR TO BE NOTIFIED
 Name Robert Lowther
 Address 3rd Street
Middlebourne, WV 26149
- 15) PROPOSED WORK: Drill xx / Drill deeper _____ / Redrill _____ / Fracture or stimulate _____
 Plug off old formation _____ / Perforate new formation _____
 Other physical change in well (specify) _____
- 16) GEOLOGICAL TARGET FORMATION, Marcellus Shale
- 17) Estimated depth of completed well, 5600' feet
- 18) Approximate water strata depths: Fresh, 80 feet; salt, none feet.
- 19) Approximate coal seam depths: none Is coal being mined in the area? Yes _____ / No xx /

RECEIVED
 DEC 14 1982
 OIL & GAS DIVISION
 DEPT. OF MINES

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	10"	RL	40.5	x		250	250	To surface	Kinds
Fresh water									Sizes
Coal									Depths set
Intermediate	8 5/8	RL	23	x		1000	1000	To surface	
Production	4 1/2	RL	10.5	x		5600	5600	By rule 1501	
Tubing									Perforations:
Liners									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: Betty Singleton
 My Commission Expires August 4, 1992

Signed: Loren E. Bagley
 Its: President

OFFICE USE ONLY
DRILLING PERMIT

Permit number 47-073-1569 Date December 16 19 82

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 August 16, 1983 unless drilling is commenced prior to that date and prosecuted with due diligence.

Bond: <u>Blanket</u>	Agent: <u>OR</u>	Plat:	Casing	Fee <u>005131</u>
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John B. Brubaker
 Administrator, Office of Oil and Gas

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 _____ / 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.

Date: _____, 19____

By _____

Its _____

#1095



IV-9
(Rev 8-81)

DATE 3 November 1982
WELL NO. Wilson #1
API NO. 47 - 073 - 1569

State of West Virginia
Department of Mines
Oil and Gas Division
Construction & Reclamation Plan

COMPANY NAME L+B Oil Company
ADDRESS 210 Second Street
St. Marys, W.Va. 26170
Telephone (304) 684-2495

DESIGNATED AGENT Loren Bagley
ADDRESS 210 Second Street
St. Marys, W.Va. 26170
Telephone (304) 684-2495

LANDOWNER George A. Poynter SOIL CONS. DISTRICT Upper Ohio
Revegetation to be carried out by Loren Bagley (Agent)

This plan has been reviewed by Upper Ohio SCD. All corrections
and additions become a part of this plan: 12/9/82
(Date)
Kenneth R. Mason
(SCD Agent)

ACCESS ROAD

LOCATION

Structure _____ (A)

Structure Diversion Ditch (1)

Spacing _____

Material Soil

Page Ref. Manual _____

Page Ref. Manual 2:12

Structure _____ (B)

Structure Rip-Rap (2)

Spacing _____

Material Rock - Logs

Page Ref. Manual _____

Page Ref. Manual 2:9

Structure _____ (C)

Structure _____ (3)

Spacing _____

Material _____

Page Ref. Manual _____

Page Ref. Manual _____

All structures should be inspected regularly and repaired if necessary. All commercial timber is to be cut and stacked and all brush and small timber to be cut and removed from the site before dirt work begins.

REVEGETATION

Treatment Area I

Treatment Area II

Lime _____ Tons/acre
or correct to pH 6.5

Lime _____ Tons/acre
or correct to pH 6.5

Fertilizer 500 lbs/acre
(10-20-20 or equivalent)

Fertilizer 500 lbs/acre
(10-20-20 or equivalent)

Mulch Hay or Straw 2 Tons/acre

Mulch Hay or Straw 2 Tons/acre

Seed* KY31 Tall Fescue 40 lbs/acre

Seed* KY31 Tall Fescue 40 lbs/acre

Redtop 5 lbs/acre

Redtop 5 lbs/acre

Birdsfoot Trefoil 10 lbs/acre
lbs/acre

Birdsfoot Trefoil 10 lbs/acre
lbs/acre

*Inoculate all legumes such as vetch, trefoil and clovers with the proper bacterium. Inoculate with 3X recommended amount.

PLAN PREPARED BY William R. Mossor, L.L.S.

ADDRESS 106 North Spring Street

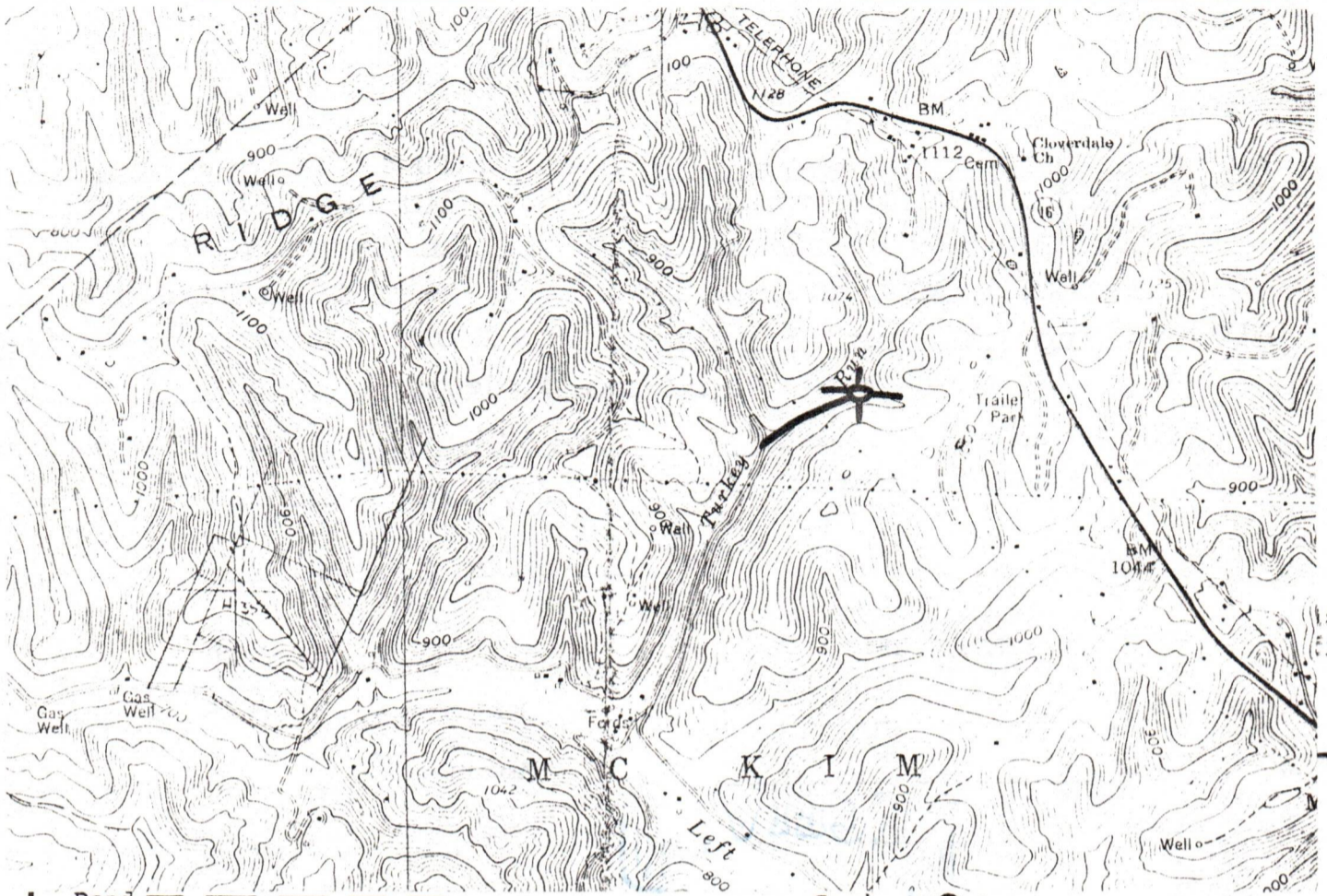
Harrisville, W.Va. 26362

PHONE NO. (304) 643-4572

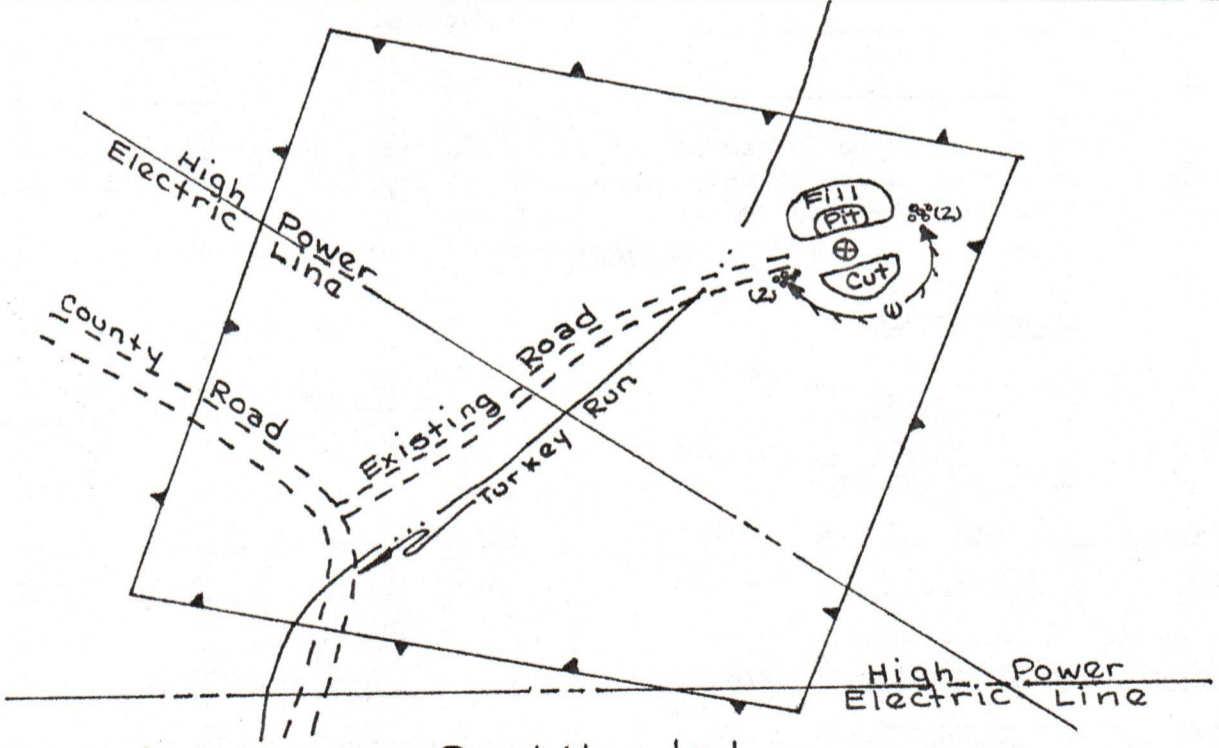
NOTES: Please request landowners' cooperation to protect new seedling for one growing season. Attach separate sheets as necessary for comments.

ATTACH OR PHOTOCOPY SECTION OF INVOLVED TOPOGRAPHIC MAP. QUADRANGLE Schultz 7 1/2'

LEGEND
WELL SITE ⊕ ACCESS ROAD —



Road	== == == == ==	Spring	⊕ →
Existing fence	— x — x —	Wet spot	⊕
Planned fence	— / — / —	Building	■
Stream	~ ~ ~ ~ ~	Drain pipe	— ○ — ○ — ○ —
Open ditch	— ···· — ···· — ···· —	Waterway	← == == == == →



- Comments:
1. No Access Road Needed
 2. Brush and Trees to be Piled at Site
 3. _____
 4. _____
 5. _____

AGREEMENT, made and entered into this 7th day of December m 1982 by and between Donald R. Wilson Rt. 2 St. Marys, WV 26170 and George A. Paynter Madison Street, Torrance, California 20509

of same as above party of the first part, hereinafter called Lessor (whether one or more) and L & B Oil Company, Inc.

party of the second part, hereinafter called Lessee.

1. WITNESSETH: That the Lessor, in consideration of the sum of One Dollar, the receipt of which is hereby acknowledged, and the covenants and agreements hereinafter contained, does hereby grant unto the Lessee all of the oil and gas and all of the constituents of either in and under the land hereinafter described, together with the exclusive right to drill for, produce and market oil and gas and their constituents and also the right to enter thereon at all times for the purpose of drilling and operating for oil, gas and water, laying pipe lines, erecting tanks, machinery, powers and structures, and to possess use, and occupy so much of said premises as is necessary and convenient for said purposes and to convey the above named products therefrom or thereto by pipe lines or otherwise; said land being situate in McKim

District, County of Pleasants, State of West Virginia and described as follows, to-wit: Bounded on the

NORTH by lands of Benjamin Ward

EAST by lands of Doris Taylor

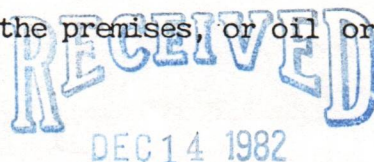
SOUTH by lands of Newland Heirs

WEST by lands of Charles Davis

Containing 50 acres, more or less and being the same land conveyed to lessor by

by deed dated and recorded in said county records in Pleasants County Book No. 147 Page 516

2. It is agreed that this lease shall remain in force for a primary term of 60 days 1st well; 6 mo second well from this date and as long thereafter as operations for oil or gas are being conducted on the premises, or oil or



3. The Lessee shall deliver to the credit of the Lessor free of cost, in the pipe line to which he may connect his wells, the equal one-eighth (1/8) part of all oil and gas produced and saved from the leased premises, and shall pay Lessor current market value for all their one-eighth (1/8) part of all oil and gas and casing head gas produced and sold from the premises.

4. The Lessee shall commence operations for a well on the premises on or before February 7, 1983 unless Lessee pays thereafter a rental of none for each 60 day 6 month that operations are delayed from the time above mentioned. The consideration first recited herein, the down payment, shall cover not only the privilege granted to the date when first said rental is payable as aforesaid, but also the Lessee's option of extending that period as aforesaid, and any and all other rights conferred. The drilling of a non-productive well shall be accepted by the Lessor in lieu of delay rental for a period of one year after its completion, and following the exhaustion or abandonment of all wells the Lessee shall have the right for a period of one year to resume the payment of delay rental or commence operations for another well upon the resumption of payment of rentals the provisions hereof governing such payment and the effect thereof shall continue in force as though they had not been interrupted.

5. All moneys coming due hereunder shall be paid or tendered to Donald R. Wilson 6/7 George A. Paynter 1/7 direct, or by check payable to his (or her) order mailed to address above

_____ and no default shall be declared against the Lessee by the Lessor for failure of the Lessee to make any payment or perform any conditions provided for herein unless the Lessee shall refuse or neglect to pay or perform the same for ten days after having received written notice by registered mail from the Lessor of his intention to declare such default.

6. Lessor reserves unlimited cubic feet of gas per annum for domestic use, to be taken through his own appliances at any producing gas well, and agrees to pay Lessee a fair domestic rate for any gas used in excess thereof. Lessor further covenants and agrees that his

taking and use of gas shall be wholly at his own risk, the Lessee not to be held liable for any accident or damage caused thereby, nor shall Lessee be liable for any shortage or failure in the supply of gas for said domestic use.

7. All roads and grounds shall be restored to its original contour and condition as existed before this lease, as well as any excavations made by Lessee to the satisfaction of Lessor.

8. In case a well is drilled but is not of commercial value and Lessee wishes to sell said well, the Lessor is to have first right of refusal to purchase well from Lessee for their own personal reasons for a price agreeable to both parties involved.

9. If said Lessor owns a less interest in the above described land than the undivided fee simple estate therein, then the royalties and rentals herein provided shall be paid the Lessor only in the proportion which his interest bears to the whole and undivided fee.

10. No well may be drilled nearer than 200 feet to any house or barn now on said premises without the written consent of Lessor, Lessee shall have and enjoy all rights and privileges necessary and convenient for the proper use and development of the lease, and shall have the right to use, free of cost, gas, oil and water produced on said land for its operations thereon, except water from wells of Lessor. Lessee shall also have the right at any time to remove all or any part of the machinery, fixtures or structures placed on said premises, including the right to draw and remove casing. Lessee shall pay for damages caused by its operations to growing crops on said lands, and, when requested by Lessor, shall bury its pipe lines below plow depth.

11. The interest or estate of either party hereto may be assigned, the privilege of assigning in whole or in part being expressly allowed.

12. Lessor hereby warrants and agrees to defend the title to the land herein described and agrees that the Lessee at its option may pay, discharge or redeem any taxes, mortgages, or other liens existing, levies, or assessed on or against the above described lands, and in event it exercises such option, it shall be subrogated to the rights of any holder or holders thereof and may reimburse itself by applying any royalty

or rentals accruing hereunder to the discharge of any such taxes, mortgages or other liens.

13. It is expressly agreed that if the Lessee shall commence drilling operations at any time while the lease is in force, it shall remain in force and its terms continue so long as such operations are prosecuted, and if production results therefrom, then as long as production continues. If after the expiration of the term of this lease production from the leased premises shall cease from any cause, this lease shall not terminate provided Lessee resumes operations within sixty days from such cessation, and this lease shall remain in force during the prosecution of such operations and, if production results therefrom, then as long as oil or gas is produced in paying quantities.

14. This lease embodies the entire contract and agreement between Lessor and Lessee, and no warranties, representations, promises or inducements not herein expressed have been made or relied upon by either party. The terms, conditions and stipulations hereof shall extend to the respective heirs, executors, administrators, successors and assigns of the parties hereto.

15. See Supplemental Page.

IN WITNESS whereof the said parties have hereunto set their hands and seals, the day and year first above written.

SIGNED, sealed and delivered in the presence of

WITNESSETH:

Ronald R. Wilson

STATE OF West Virginia :

BOOK 180 PAGE 9

COUNTY OF Pleasants County :

Before me a notary public in and for said County and State personally appeared the above named Donald R. Wilson who acknowledged that they did sign the foregoing instrument and that said signing was their free and voluntary act and deed.

In witness whereof, I have hereunto subscribed my name and affixed my notorial seal at pleasants County, this 8 day of December, 1982.

Betty Shingler
Notary Public

My commission expires: August 4, 1992

Prepared by : L & B Oil Company, Inc.
P.O. Box C
St. Marys, WV 26170

SUPPLEMENTAL PAGE TO WILSON/PAYNTER LEASE

16. Don Wilson has pumping rights on wells drilled on Paynter lease at the sum of \$150.00 per well per month on gas wells. \$200.00 per well per month on gas and oil.
17. Two wells to be drilled 4,900 feet or deeper.
18. First well must be drilled within 60 days. Second well to be started within 6 months from date of lease. If second well is not started, the 40 acres will be turned back to Don Wilson. This land being at opposite end of where first well was drilled. Said well will be surrounded by ten acres to be located at the northeast corner of said lease.
19. This lease is not to be sold before it is produced.
20. Landowner must be in agreement with well location and roads.
21. All pipelines must be buried.
22. Free gas for one dwelling, non-commercial use.

END OF SUPPLEMENTAL PAGE

STATE OF WEST VIRGINIA, OFFICE OF THE CLERK OF THE PLEASANTS COUNTY COMMISSION,

The foregoing paper writing was this day 12/8/82 at 2:45 pm presented for record in my office, and thereupon, together with the certificate thereto annexed, is admitted to record.

TESTE: Freda W. Hammett, Clerk
Pleasants County Commission

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SEP 11 1984



IV-35 (Rev 8-81)

OIL & GAS DIVISION DEPT. OF MINES State of West Virginia

Date June 28, 1983 Operator's Well No. Don Wilson #1 Farm George A. Poynter API No. 47 - 073 - 1569

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NOV 2 - 1984

Department of Mines Oil and Gas Division

WELL OPERATOR'S REPORT

OIL & GAS DIVISION

OF

DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

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

LOCATION: Elevation: 836' Watershed Turkey Run District: McKim County Pleasants Quadrangle Schultz

COMPANY L & B Oil Company, Inc. ADDRESS P.O. Box C, St. Marys, WV 26170 DESIGNATED AGENT Bernard Tice ADDRESS P.O. Box C, St. Marys, WV 26170 SURFACE OWNER George A. Poynter 92381 ADDRESS 28730 Thorn Hill Dr., Sun City, CA MINERAL RIGHTS OWNER Don Wilson 6/7 George A. Poynter 1/7 ADDRESS St. Marys, WV & Sun City, CA OIL AND GAS INSPECTOR FOR THIS WORK Robert Lowther ADDRESS Middlebourne, WV 26149 PERMIT ISSUED Dec. 14, 1982 DRILLING COMMENCED Dec. 22, 1982 DRILLING COMPLETED Dec. 28, 1982

Table with 4 columns: Casing & Tubing, Used in Drilling, Left in Well, Cement fill up Cu. ft. Rows include sizes 20-16, 13-10, 9 5/8, 8 5/8, 7, 5 1/2, 4 1/2, 3, 2, and Liners used.

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

GEOLOGICAL TARGET FORMATION Devonian Shale (Benson) Depth 5019 feet Depth of completed well 4620 feet Rotary XX / Cable Tools Water strata depth: Fresh 80 feet; Salt N/A feet Coal seam depths: N/A Is coal being mined in the area? no

OPEN FLOW DATA Producing formation Devonian Shale Pay zone depth 3408 - 4518 feet Gas: Initial open flow 500 Mcf/d Oil: Initial open flow 30 Bbl/d Final open flow 300 Mcf/d Oil: Final open flow 50 Bbl/d Time of open flow between initial and final tests 48 hours Static rock pressure 1050 psig (surface measurement) after 48 hours shut in (If applicable due to multiple completion--)

(Continue on reverse side)

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

- Stage #1 - 10 perforations between 4482 to 4528 fraced with 700,000 SCF N₂
Break down 3400 psi
- Stage #2 - 20 perforations between 3676 to 3835 fraced with 1,000,000 SCF N₂
Break down 3350 psi
- Stage #3 - 20 perforations between 3408 to 3539 fraced with 1,000,000 SCF N₂
Break down 3000 psi

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			0	110	
Red Shale			110	300	
Shale and Sand			300	2184	
Berea			2184	2189	
Gantz			2296	2305	
Fifty Foot			2424	2432	
Thirty Foot			2494	2504	
Gordon			2574	2588	
Shale			2588	4696	
Benson			4696	4702	
Shale			4702	5019	

(Attach separate sheets as necessary)

L & B Oil Company, Inc.
Well Operator

By: Bernard J. [Signature]
Date: June 28, 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 coal, encountered in the drilling of a well."

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NOV 2 - 1984

Operator's Well No. Don. Wilson #1

API Well No. 47 - 073 - 1569
State County Permit

OIL & GAS DIVISION STATE OF WEST VIRGINIA
DEPT. OF MINES DEPARTMENT OF MINES, OIL AND GAS DIVISION

WELL OPERATOR'S REPORT
OF
INITIAL GAS-OIL RATIO TEST

WELL OPERATOR L & B Oil Company, Inc.
Address 210 Second Street
St. Marys, W.V. 26170

DESIGNATED AGENT Bernard Tice
Address 210 Second Street
St. Marys, W.V. 26170

GEOLOGICAL TARGET FORMATION: Devonian shale (Benson) Depth 4620 feet
Perforation Interval 3408 to 4518 feet

GUIDELINES FOR TESTING:

- 1- A minimum of gas vented or flared
- 2- A 24 hour preflow into pipelines or tanks
- 3- Uniform producing rate during the 24 hour test per test period
- 4- Measurement standards as for Form IV-39, "Report of Annual Production" (see Regulation 21.01)
- 5- Separate Form IV-36 for each producing formation in a multiple completion

TEST DATA				
START OF TEST-DATE	TIME	END OF TEST-DATE	TIME	DURATION OF TEST
<u>10-15-84</u>	<u>10:00 a.m.</u>	<u>10-16-84</u>	<u>10:00 a.m.</u>	<u>24 hrs</u>
TUBING PRESSURE	CASING PRESSURE	SEPARATOR PRESSURE	SEPARATOR TEMPERATURE	
<u>-</u>	<u>120 psig</u>	<u>120 psig</u>	<u>N/A</u>	
OIL PRODUCTION DURING TEST	GAS PRODUCTION DURING TEST	WATER PRODUCTION DURING TEST & SALINITY		
<u>0.5</u> bbls.	<u>16</u> Mcf	<u>0</u> bbls. ppm.		
OIL GRAVITY	PRODUCING METHOD (Flowing, pumping, gas lift, etc.)			
<u>N/A</u>	<u>PUMPING</u>			

GAS PRODUCTION			
MEASUREMENT METHOD		POSITIVE CHOKE	
FLANGE TAP <input checked="" type="checkbox"/>	PIPE TAP <input type="checkbox"/>	CRITICAL FLOW PROVER <input type="checkbox"/>	
ORIFICE DIAMETER	PIPE DIAMETER (INSIDE DIAM.)	NOMINAL CHOKE SIZE - IN.	
<u>1 1/4"</u>	<u>2.0"</u>		
DIFFERENTIAL PRESSURE RANGE	MAX. STATIC PRESSURE RANGE	PROVER & ORIFICE DIAM. - IN.	
DIFFERENTIAL	STATIC	GAS GRAVITY (Air=1.0)	
<u>12"</u>	<u>120 psig</u>	MEASURED _____ ESTIMATED <u>0.65</u>	
GAS GRAVITY (Air=1.0)	FLOWING TEMPERATURE	GAS TEMPERATURE _____ °F	
24 HOUR COEFFICIENT	24 HOUR COEFFICIENT		
	PRESSURE - _____ psia		

TEST RESULTS			
DAILY OIL	DAILY WATER	DAILY GAS	GAS-OIL RATIO
<u>0.5</u> bbls.	<u>0</u> bbls.	<u>16</u> Mcf.	<u>32,000</u> SCF/STE

L & B Oil Company, Inc.
Well Operator

By: John Schneider

Its: Petroleum Engineer

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS WELLS DIVISION

RECEIVED

DEC 50 1982

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

INSPECTOR'S WELL REPORT

Permit No. 073-1569

Oil or Gas Well _____
(KIND)

Company L&B oil co
 Address St marys w.Va.
 Farm C.A. paynter
 Well No. 1
 District McKim County pleasant
 Drilling commenced 12-22-82
 Drilling completed _____ Total depth 3090
 Date shot _____ Depth of shot _____
 Initial open flow _____ /10ths Water in _____ Inch
 Open flow after tubing _____ /10ths Merc. in _____ Inch
 Volume _____ Cu. Ft.
 Rock pressure _____ lbs. _____ hrs.
 Oil _____ bbls., 1st 24 hrs.
 Fresh water 70 feet _____ feet
 Salt water _____ feet _____ feet

CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Size			
16			Kind of Packer _____
13			
10			Size of _____
8 1/4	<u>928</u>	<u>928</u>	
6 5/8			Depth set _____
5 3/16			
3			Perf. top _____
2			Perf. bottom _____
Liners Used			Perf. top _____
			Perf. bottom _____

CASING CEMENTED 8 5/8 SIZE 928 No. FT 12-23-82 Date
 NAME OF SERVICE COMPANY Dowell
 COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
 _____ FEET _____ INCHES FEET _____ INCHES
 _____ FEET _____ INCHES FEET _____ INCHES

Drillers' Names _____

Remarks: F.W.A. Contractors
Cemented with 235 SKS cement, cement
Returned to surface.

12-27-82
DATE

R.A. Lowther
DISTRICT WELL INSPECTOR

Form 26
2/16/82

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS WELLS DIVISION

INSPECTOR'S PLUGGING REPORT

Permit No. _____

Well No. _____

COMPANY _____ ADDRESS _____

FARM _____ DISTRICT _____ COUNTY _____

Filling Material Used _____

Liner		Location		Amount	Packer	Location		
PLUGS USED AND DEPTH PLACED				BRIDGES		CASING AND TUBING		
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION			RECOVERED	SIZE	LOST

Drillers' Names _____

Remarks: _____

_____ I hereby certify I visited the above well on this date.
DATE

DISTRICT WELL INSPECTOR

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS WELLS DIVISION

RECEIVED

JAN 3 - 1983

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

INSPECTOR'S WELL REPORT

Permit No. 073-1569

Oil or Gas Well _____
(KIND)

Company <u>L & B oil co</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address <u>St marys w. Va</u>	Size			
Farm <u>George A Paynter</u>	16			Kind of Packer
Well No. <u>1</u>	13			
District <u>mckim</u> County <u>pleasant</u>	10			Size of
Drilling commenced _____	8 3/4			
Drilling completed <u>12-28-82</u> Total depth <u>5000</u>	6 5/8			Depth set
Date shot _____ Depth of shot _____	5 3/16	<u>4924</u>	<u>4924</u>	
Initial open flow _____ /10ths Water in _____ Inch	3			Perf. top
Open flow after tubing _____ /10ths Merc. in _____ Inch	2			Perf. bottom
Volume _____ Cu. Ft.	Liners Used			Perf. top
Rock pressure _____ lbs. _____ hrs.				Perf. bottom
Oil _____ bbls., 1st 24 hrs.	CASING CEMENTED <u>4 1/2</u> SIZE <u>4924</u> No. FT <u>12-28-82</u> Date			
Fresh water _____ feet _____ feet	NAME OF SERVICE COMPANY <u>Dowell</u>			
Salt water _____ feet _____ feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names _____

Remarks: Cemented with 425 SAs cement

12-29-82
DATE

R. A. Lowther
DISTRICT WELL INSPECTOR

Form 26
2/16/82

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

INSPECTOR'S PLUGGING REPORT

Permit No. _____ Well No. _____

COMPANY _____ ADDRESS _____

FARM _____ DISTRICT _____ COUNTY _____

Filling Material Used _____

Liner _____ Location _____ Amount _____ Packer _____ Location _____

PLUGS USED AND DEPTH PLACED			BRIDGES	CASING AND TUBING		
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION	RECOVERED	SIZE	LOST

Drillers' Names _____

Remarks: _____

DATE I hereby certify I visited the above well on this date.

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS WELLS DIVISION

RECEIVED

JAN 6 - 1983

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

1569

1766

INSPECTOR'S WELL REPORT

Permit No. 073-~~1576~~

Oil or Gas Well _____
(KIND)

Company L & B. oil co
 Address St marys w. Va.
 Farm D Wilson
 Well No. 1
 District Jefferson County Pleasant
 Drilling commenced _____
 Drilling completed 1-2-83 Total depth 2320
 Date shot _____ Depth of shot _____
 Initial open flow _____ /10ths Water in _____ Inch
 Open flow after tubing _____ /10ths Merc. in _____ Inch
 Volume _____ Cu. Ft.
 Rock pressure _____ lbs. _____ hrs.
 Oil _____ bbls., 1st 24 hrs.
 Fresh water _____ feet _____ feet
 Salt water _____ feet _____ feet

CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Size			
16			Kind of Packer _____
13			
10			Size of _____
8 1/4	700	700	
6 5/8			Depth set _____
5 3/8	2300	2300	
3			Perf. top _____
2			Perf. bottom _____
Liners Used			Perf. top _____
			Perf. bottom _____

CASING CEMENTED 4 1/2 SIZE 2320 No. FT. 1-1-83 Date
 NAME OF SERVICE COMPANY Dowell
 COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
 _____ FEET _____ INCHES FEET _____ INCHES
 _____ FEET _____ INCHES FEET _____ INCHES

Drillers' Names _____

Remarks: 8 5/8 cemented with 180 SKS cement by Dowell
12-30-82

1-3-83
DATE

R. A. Lowther
DISTRICT WELL INSPECTOR

FORM 26
2/16/82

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS WELLS DIVISION

INSPECTOR'S PLUGGING REPORT

Permit No. _____ Well No. _____

COMPANY _____ ADDRESS _____

FARM _____ DISTRICT _____ COUNTY _____

Filling Material Used _____

Liner	Location	Amount	Packer	Location			
PLUGS USED AND DEPTH PLACED			BRIDGES		CASING AND TUBING		
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION		RECOVERED	SIZE	LOST

Drillers' Names _____

Remarks: _____

_____ I hereby certify I visited the above well on this date.

DATE

DISTRICT WELL INSPECTOR



RECEIVED
DEC 7 - 1984
OIL & GAS DIVISION
DEPT. OF MINES

State of West Virginia
Department of Mines
Oil and Gas Division
Charleston 25305

FINAL INSPECTION REPORT
INSPECTORS COMPLIANCE REPORT
November 19, 1984

COMPANY L & B Oil Company, Inc.
Kodiak Petroleum Co.
~~P O Box G~~ 210 Second ST.
St. Marys, West Virginia 26170

PERMIT NO 073-1569
FARM & WELL NO Donald Wilson #1
DIST. & COUNTY McKim/Pleasants

RULE	DESCRIPTION	IN COMPLIANCE	
		YES	NO
23.06	Notification Prior to Starting Work	✓	
25.04	Prepared before Drilling to Prevent Waste	✓	
25.03	High-Pressure Drilling	✓	
16.01	Required Permits at Wellsite	✓	
15.03	Adequate Fresh Water Casing	✓	
15.02	Adequate Coal Casing		
15.01	Adequate Production Casing	✓	
15.04	Adequate Cement Strenght	✓	
15.05	Cement Type	✓	
23.02	Maintained Access Roads	✓	
25.01	Necessary Equipment to Prevent Waste	✓	
23.04	Reclaimed Drilling Pits	✓	
23.05	No Surface or Underground Pollution	✓	
23.07	Requirements for Production & Gathering Pipelines	✓	
16.01	Well Records on Site	✓	
16.02	Well Records Filed	✓	
7.05	Identification Markings	✓	

I HAVE INSPECTED THE ABOVE CAPTIONED WELL AND RECOMMEND THAT IT BE RELEASED:

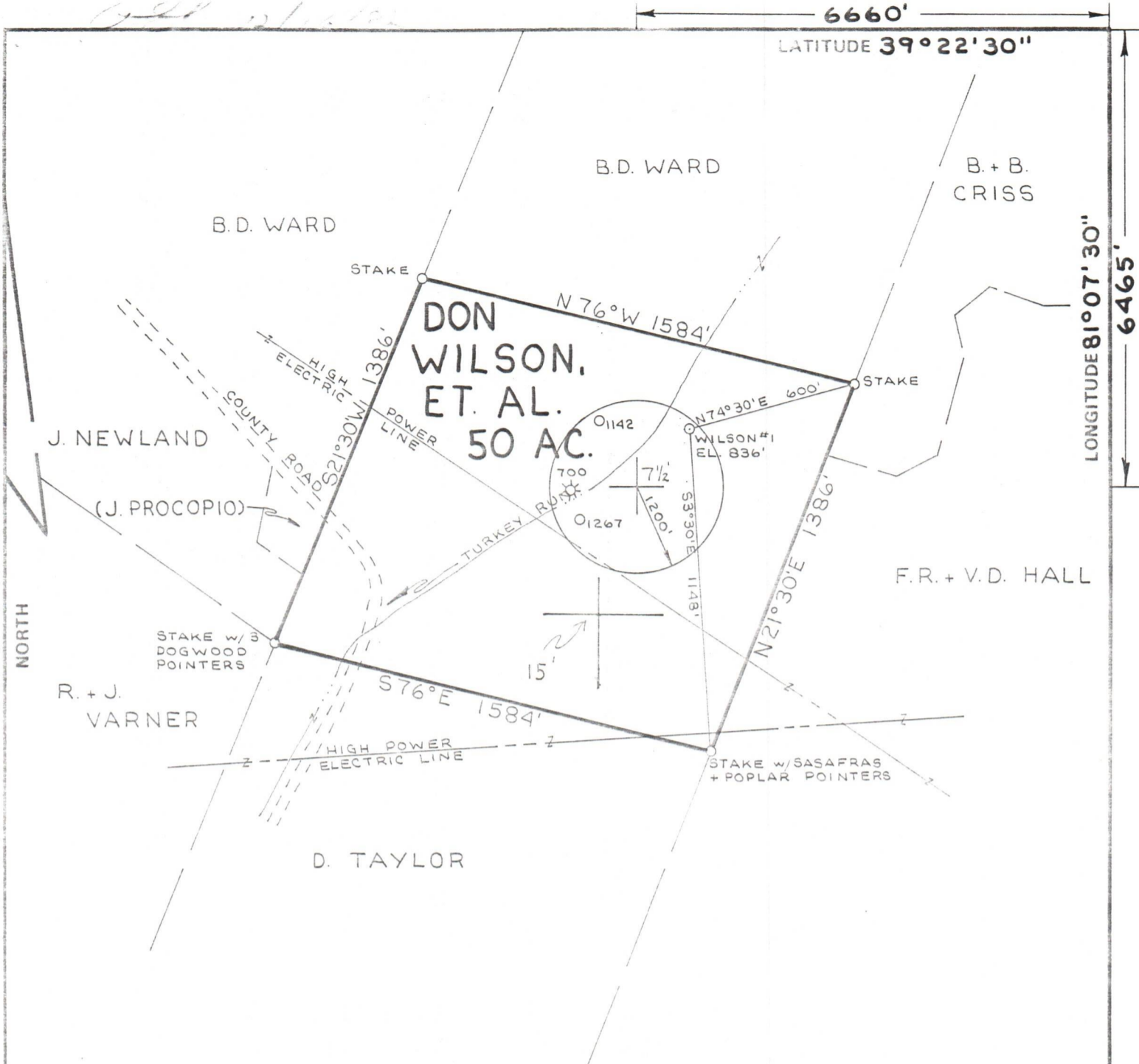
SIGNED R. A. Lowther
DATE Dec 5, 1984

Your well record was received and reclamation requirements approved. In accordance with Chapter 22, Article 4, Section 2, the above well will remain under bond coverage for the life of the well.

T. L. ...
Administrator-Oil & Gas Division

January 23, 1985

DATE



FILE NO. _____
 DRAWING NO. _____
 SCALE **1" = 500'**
 MINIMUM DEGREE OF ACCURACY **1:200**
 PROVEN SOURCE OF ELEVATION **ROAD INT. 1128'**

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) *William A. Hesse*
 R.P.E. _____ L.L.S. **551**

PLACE SEAL HERE

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



DATE **30 NOVEMBER**, 19 **82**
 OPERATOR'S WELL NO. **WILSON #1**
 API WELL NO. _____
47 - 073 - 1569
 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 **836'** WATER SHED **TURKEY RUN**
 DISTRICT **McKIM** COUNTY **PLEASANTS**
 QUADRANGLE **SCHULTZ 7 1/2'**
 SURFACE OWNER **GEORGE A. POYNTER** ACREAGE **50**
 OIL & GAS ROYALTY OWNER **DON WILSON, ET AL.** LEASE ACREAGE **50**
 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 **MARCELLUS SHALE** ESTIMATED DEPTH **5600'**
 WELL OPERATOR **L+B OIL COMPANY** DESIGNATED AGENT **LOREN BAGLEY**
 ADDRESS **210 SECOND STREET ST. MARYS, W. VA. 26170** ADDRESS **210 SECOND STREET ST. MARYS, W. VA. 26170**

PIENS - 1569