

PROPOSED WORK ORDER

THIS IS AN ESTIMATE ONLY:
ACTUAL INFORMATION MUST BE SUBMITTED ON FORM IV-35 UPON COMPLETION

DRILLING CONTRACTOR (IF KNOWN) B & L OIL COMPANY
Address 1420 7th st.
PARKERSBURG, WV 26101

GEOLOGICAL TARGET FORMATION MARCELLUS
Estimated depth of completed well 5500' feet. Rotary XXX/ Cable tools /
Approximate water strata depths: Fresh, 1200 feet; salt, 1200 feet.
Approximate coal seam depths: N/A
Is coal being mined in this area: Yes / No XX/

CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILL- UP OR SACKS Cubic ft.	PACKERS
	Size	Grade	Weight per ft	New	Used	For Drill- ling	Left in Well		
Conductor	10"					40'			Kinds
Fresh water									
Coal									Sizes
Intermed.	8 5/8	J55	24½	New		500'	500'	to surface	
Production	4 1/2	J55	10.5	New			5500	600 sks.	Depths set
Tubing									
Liners									Perforations:
									Top Bottom

NOTE: 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.
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.

THIS PERMIT MUST BE POSTED AT THE WELL SITE.
ALL PROVISIONS BEING IN ACCORDANCE WITH CHAPTER 22,
ARTICLE 4 OF THE W. VA. CODE, THE LOCATION IS HEREBY
APPROVED FOR drilling. THIS PERMIT SHALL EXPIRE
IF OPERATIONS HAVE NOT COMMENCED BY 1-13-83.
BY [Signature]

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:

W A I V E R

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 regularions.

04/19/2024

Date: , 19 .

By: [Signature]

Its:

LEGEND

Well Site ⊕

Access Road ———



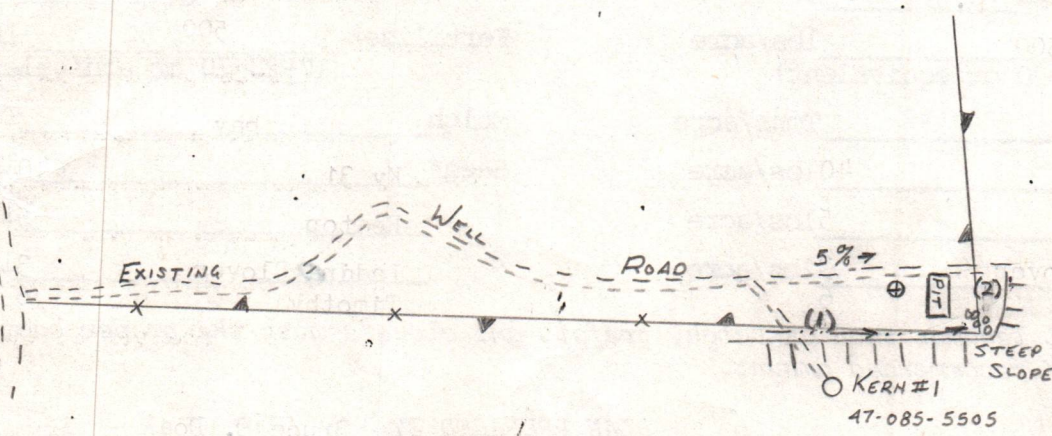
LEGEND

Property boundary ———
 Road = = = = =
 Existing fence — x — x —
 Planned fence — / — / —
 Stream ~ ~ ~ ~ ~
 Open ditch — ··· — ··· — ··· —

Diversion ———
 Spring ○ →
 Wet spot ♀
 Building ■
 Drain pipe — ○ — ○ — ○ —
 Waterway ⇄ ⇄ ⇄ ⇄

- Comments: 1) Existing well road to location
 2) Very little grading
 3) Few trees and brush
 4. *New access road 50'.*

47
3



04/19/2024

IV-9
(Rev 8-81)



DATE May 9, 1982
WELL NO. Hill #1
API NO. 47 - 085 - 5617

State of West Virginia
Department of Mines
Oil and Gas Division

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME B&L Oil Company
Address 1420 7th Street Parkersburg, W.V.
Telephone 424-5220 26101

DESIGNATED AGENT C. Jo Mc Crady
Address 1420 7th Street Parkersburg, W.V.
Telephone 424-5220 26101

LANDOWNER H. Hill

SOIL CONS. DISTRICT Little Kanawha
(Agent)

Revegetation to be carried out by C. Jo Mc Crady

This plan has been reviewed by Little Kanawha SCD. All corrections and additions become a part of this plan: 5-10-82
(Date)

Jarrett Newton
(SCD Agent)

ACCESS ROAD

LOCATION

Structure _____ (A)
Spacing _____
Page Ref. Manual _____
Structure _____ (B)
Spacing _____
Page Ref. Manual _____
Structure _____ (C)
Spacing _____
Page Ref. Manual _____

Structure Open ditch (1)
Material soil
Page Ref. Manual 2:10
Structure rip-rap (2)
Material stone
Page Ref. Manual N/A
Structure _____ (3)
Material _____
Page Ref. Manual _____

see comments

RECEIVED

MAY 10 1982

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

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

Lime _____ Tons/acre
or correct to pH 6.5
Fertilizer 500 lbs/acre
(10-20-20 or equivalent)
Mulch hay Tons/acre
Seed* Ky 31 40lbs/acre
Redtop 5lbs/acre
Ladino Clover 3lbs/acre
Timothy 6

Treatment Area II

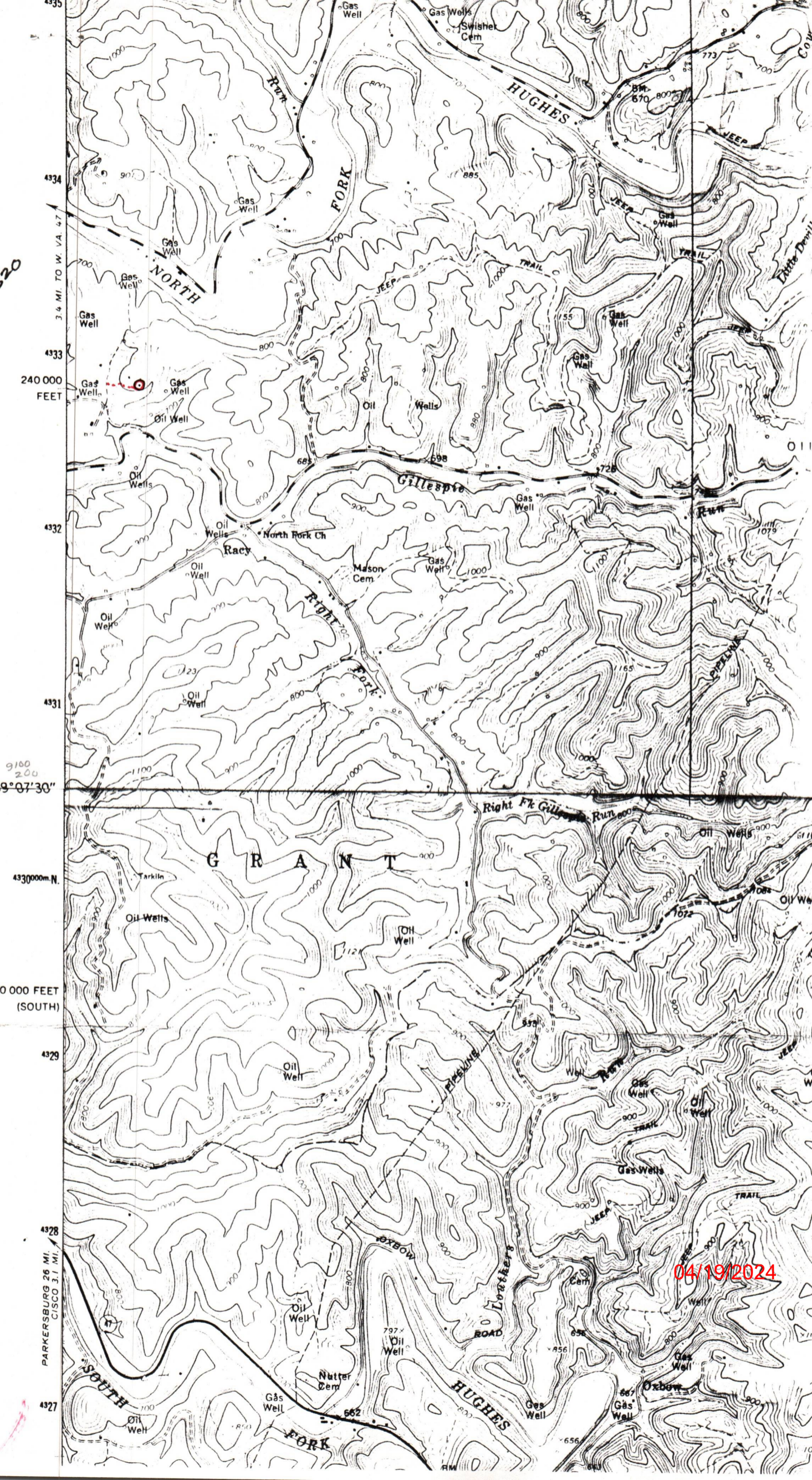
Lime _____ Tons/acre
or correct to pH 6.5
Fertilizer 500 lbs/acre
(10-20-20 or equivalent)
Mulch hay Tons/acre
Seed* Ky 31 40lbs/acre
Redtop 5lbs/acre
Ladino Clover 3lbs/acre
Timothy

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

04/19/2024

PLAN PREPARED BY Bruce E. Doak
ADDRESS 1420 7th Street Parkersburg, W.V.
26101
PHONE NO. (304) 424-5220

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



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WV DEPARTMENT OF MINES

04/19/2024

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

3580-90	10 holes
3614-30	10
3680-85	5
3762-80	11
3886-93	4
4041-50	6
4220-25	5

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal, oil and gas
Maxon			1717	1744	
Big Lime			1899	2036	
Keener			2040	2052	
Big Injun			2054	2122	
Squaw			2126	2138	
Berea			2508	2514	
Gordon			2912	2922	
Speechely			3750	3858	
Balltown			4118	4140	

(Attach separate sheets as necessary)

Alan Gable Oil Development Co.

Well Operator

By: Ron Kudellaa

04/19/2024

Date: MARCH 8, 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 any, encountered in the drilling of a well."

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

RECEIVED

JUL 15 1982

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES
Oil or Gas Well (KIND)

INSPECTOR'S WELL REPORT

Permit No. 85-5617

Company B. + L. Oil Co.

Address _____

Farm Hill

Well No. 1

District Grant County Pit

Drilling commenced 7-12-82

Drilling completed _____ Total depth _____

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			Kind of Packer
16			
13			
⑩	40'	40'	Size of
8 1/4			
6 5/8			Depth set
5 3/16			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED 10" SIZE 40 No. FT. 7-13-82 Date

NAME OF SERVICE COMPANY _____

COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES

_____ FEET _____ INCHES _____ FEET _____ INCHES

_____ FEET _____ INCHES _____ FEET _____ INCHES

Drillers' Names _____

Remarks: _____

7-13-82
DATE

Samuel N. [Signature]
DISTRICT WELL INSPECTOR

INSPECTOR'S WELL REPORT

Permit No. 85-5617

Company B & L Oil Co
 Address _____
 Farm Hill
 Well No. #1
 District Grant County Ritchie
 Drilling commenced _____
 Drilling completed _____ Total depth _____
 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
Size		
16		
13		
10		
8 1/4		
6 5/8		
5 3/16		
3		
2		
Liners Used		

CASING CEMENTED _____ SIZE _____
 NAME OF SERVICE COMPANY _____
 COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES _____ FEET _____ INCHES _____ FEET _____ INCHES _____

Drillers' Names _____

Remarks: Wrote Violation on Code 22-4-12B Reg. 2
 4" has been pulled out of well, from all indication
 has been used. Pipe has been destroyed
 4" about 60 joints laying at well site Plus 2" 7

8-8-83
 DATE

Samuel N.

Also ^{Mr} B.L. Oil Co.

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

FINAL INSPECTION REQUEST
INSPECTOR'S COMPLIANCE REPORT

RECEIVED
SEP 27 1983

OIL & GAS DIVISION
DEPT. OF MINES

Permit No. 085-5617 County Putnam
Company OIL DEV. Co. Farm Hill
Inspector Mike U. Well No. No 1#
Date 9-19-83

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 Strength	___	___
23.02	Maintained Access Roads	___	___
25.01	Necessary Equipment to prevent Waste	___	___
23.03	Reclaimed Drilling Site	X	___
23.04	Reclaimed Drilling Pits	X	___
23.05	No surface or underground Pollution	___	___
7.03	Identification Markings	X	___

COMMENTS: Final inspection O.K. RELEASE

I have inspected the above well and (HAVE/HAVE NOT) found it to be in compliance with all of the rules and regulations of the Office of Oil and Gas Department of Mines of the State of West Virginia.

SIGNED: Mike Underwood
DATE: 9-19-83



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

WALTER N. MILLER
DIRECTOR

THEODORE M. STREIT
ADMINISTRATOR

October 7, 1983

B & L Oil Company
c/o Alan Gable Oil Development, Inc
P. O. Box 165
Davisville, W. Va. 26142

Gentlemen:

The required records and reports have been received in this office and the District Inspectors have submitted FINAL INSPECTIONS for the following wells listed below:

<u>PERMIT NUMBER</u>	<u>FARM AND WELL NUMBER</u>	<u>DISTRICT</u>
RIT-5928	A. Satterfield/Byers #1	Grant
RIT-6057	H. Hastings/Scadden #6	Grant
RIT-5617	H. H. Border/Hill #1	Grant
RIT-5694	Robert Davis, #1	Grant
RIT-5738	Gordon Kibbee, #1	Grant

In accordance with Chapter 22, Article 4, Section 2, the above captioned wells will remain under bond coverage for "life of wells." Reclamation requirements have been approved.....

Very truly yours,

Theodore M. Streit, Administrator
Office of Oil & Gas-Dept. Mines

04/19/2024

TMS/

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Rit-5617



JUL 27 1982

IV-27
11/23/81

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

7-20-82

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Well No: 1
API NO: 47 - 85-5617
State County Permit

Oil and Gas Division
NOTICE OF VIOLATION

WELL TYPE: Oil / Gas Liquid Injection ___ / Waste Disposal ___ /
Of "Gas" - Production ___ / Storage ___ / Deep ___ / Shallow ___ /
LOCATION: Elevation: 1060 Watershed: South Fork of Hughes River
District: Grant County: Ritchie R. Quadrangle: ___
WELL OPERATOR B + L Oil Co. DESIGNATED AGENT C. Jo McCrady
Address 1420 7th st. Address 1420 7th st.
Parkersburg WV 26101 Parkersburg WV 26101

The above well is being posted this 20 day of July, 1982, for a violation of Code 22-4-___ and/or Regulation 23.05, set forth in detail as follows:
(USE REVERSE SIDE OF THIS NOTICE IF NECESSARY)

Before commencing to drill any well for Oil and gas, the well owner or operator shall make proper and adequate provisions to prevent surface and underground water pollution. you are therefore notified to stop operation until violation is abated and District Inspector is notified

A copy of this notice has been posted at the well site and sent by certified or registered mail to the indicated well operator or his designated agent.

You are hereby granted until immediately, 1982, to abate this violation. Failure to abate the violation may result in action by the Department under Code 22-4-17 or Code 22-4-18.

Samuel N. Heroman
Oil and Gas Inspector

Address Box 66
Smithville, WV. 26178

Telephone: 477-3597

Posted 7/24

47-085-5617

PS Form 3811, Jan. 1979
RETURN RECEIPT, REGISTERED, INSURED AND CERTIFIED MAIL
1. The following service is requested (check one):
 Show to whom and date delivered.
 Show to whom, date and address of delivery.
 RESTRICTED DELIVERY
 Show to whom and date delivered.
 RESTRICTED DELIVERY.
Show to whom, date, and address of delivery, \$ ____
(CONSULT POSTMASTER FOR FEES)
2. ARTICLE ADDRESSED TO:
C. Jo. McCrady
3. ARTICLE DESCRIPTION: REGISTERED NO. CERTIFIED NO. INSURED NO.
p 255 220481
4. SIGNATURE: Samuel N. Heroman
5. ADDRESS (Complete only if registered):
7-22-82
6. UNABLE TO DELIVER BECAUSE:
PARKERSBURG WV
JUL 27 1982
U.S.F.C.
★GPO : 1979-288-848

04/19/2024

officer

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

NOTICE OF ABATEMENT

WELL TYPE: Oil Gas Liquid Injection ___/ Waste Disposal ___/ (If "Gas", Production ___/ Underground Storage ___/ Deep ___/ Shallow)
LOCATION: Elevation: 1060 Watershed: S. Fork of Hughes River
District: Grant County: Ritchie Quadrangle: MA^cFARLW.
WELL OPERATOR B. L. Oil Co. DESIGNATED AGENT C. J. McCurdy
Address P.O. Box 165 Address P.O. Box 1165
DAVISVILLE W.VA. DAVISVILLE W.VA 26145

Notice is hereby given that the undersigned authorized oil and gas inspector made a special inspection of the above named well on 9-19-83, 19__,
___ Upon the expiration of a period of time originally fixed for abatement.
 Upon the order of the Deputy Director for Oil and Gas at the request of the well operator.
___ Upon the request of the Deputy Director for Oil and Gas.

The violation of Code 22-4-12-B heretofore found to exist on 8-8-83, 19__, by Form IV-27, "Notice of Violation" Form IV-28, "Imminent Danger Order" ___/ of that date has been totally abated. If the abated violation was found by an Imminent Danger Order requiring operations to cease, such requirement is hereby rescinded, and the well operator is hereby notified that he may resume operations.

COMMENTS

Violation has BEEN ABATED.

RECEIVED
SEP 27 1983

OIL & GAS DIVISION
DEPT. OF MINES

A copy of this notice has been posted at the well site and sent by certified or registered mail to the indicated well operator or his designated agent.

Mike Underwood 04/19/2024
Oil and Gas Inspector
Address: R.O. 2 - Box 135
Salem, W.VA.
Telephone: 702-1043

0-19-83

100

Handwritten notes, possibly including names like "C. J. ...", "P. ...", and "D. ...".

9-11-83

0-0-83

22-12-83

Handwritten text at the top of the lower section, possibly a header or title.

Main body of handwritten notes or a list, with some lines appearing to be crossed out or faint.

Handwritten notes at the bottom of the page, including what looks like a signature or name.

04/19/2024

IV-27
11/23/81



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Date: Aug 8 - 83
Well No: 1
API NO: 47 - 85 5617
State County Permit

Oil and Gas Division NOTICE OF VIOLATION

WELL TYPE: Oil / Gas Liquid Injection / Waste Disposal /
Of "Gas" - Production / Storage / Deep / Shallow /
LOCATION: Elevation: 1060 Watershed: South Fork of Hughes River
District: Grant County: Ritchie Quadrangle: Maofardin
WELL OPERATOR B+L Oil Co DESIGNATED AGENT C. Jo McCrady
Address POB 165 Address POB 165
Davisville Davisville W.V 26145

The above well is being posted this 8 day of Aug, 1983, for a violation of Code 22-4-12B and/or Regulation 23.03, set forth in detail as follows:
(USE REVERSE SIDE OF THIS NOTICE IF NECESSARY)

Reclamation incomplete

A copy of this notice has been posted at the well site and sent by certified or registered mail to the indicated well operator or his designated agent.

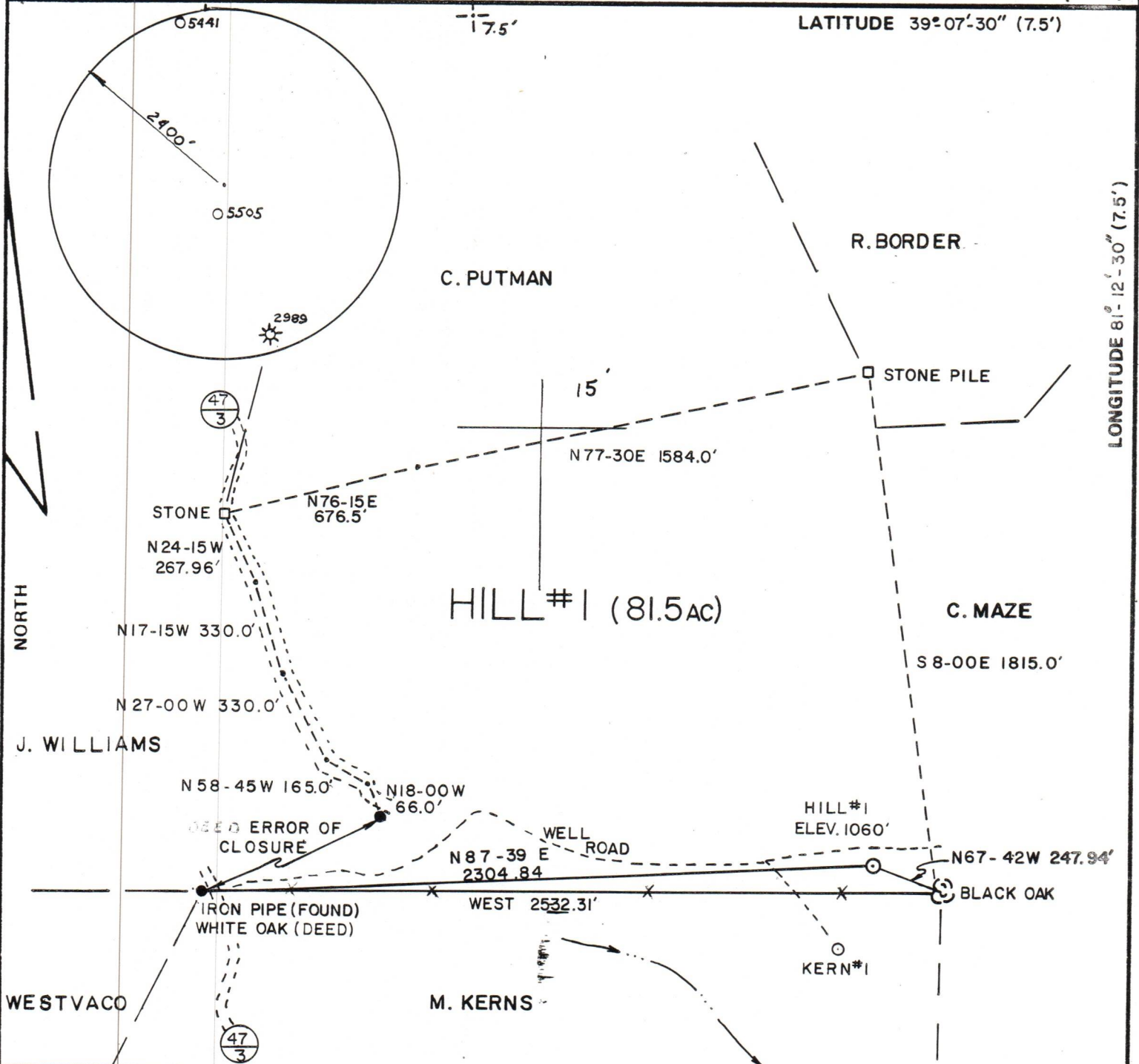
You are hereby granted until Aug 14, 1983, to abate this violation.

Failure to abate the violation may result in action by the Department under Code 22-4-17 or Code 22-4-18.

Samuel N. Heroman
Oil and Gas Inspector

Address P.O.B 66
Smithville WV
26178

Telephone: 477-3311 **04/19/2024**



FILE NO. _____
 DRAWING NO. _____
 SCALE 1"=500'
 MINIMUM DEGREE OF ACCURACY 1:200
 PROVEN SOURCE OF ELEVATION ROAD INTERSECTION
ELEV. 685'

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) Don W. Kinney
 R.P.E. 2149 J.L.S.

PLACE SEAL HERE

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



STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

DATE MAY 7, 1982
 OPERATOR'S WELL NO. HILL#1
 API WELL NO. _____
47 - 085 - 5617
 STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION _____ WASTE DISPOSAL _____
 (IF "GAS,") PRODUCTION STORAGE _____ DEEP _____ SHALLOW _____
 LOCATION: ELEVATION 1060' WATER SHED SOUTH FORK OF HUGHES RIVER
 DISTRICT GRANT COUNTY RITCHIE
 QUADRANGLE Mac FARLAN (75')
 SURFACE OWNER H.H. BORDER 1/2 W.L.H. WATKINS 1/2 ACREAGE 81.5
 OIL & GAS ROYALTY OWNER SAME AS ABOVE LEASE ACREAGE 81.5
 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 ESTIMATED DEPTH 5500'
 WELL OPERATOR B&L OIL COMPANY DESIGNATED AGENT C. JO MC CRADY
 ADDRESS 1420 7TH STREET PARKERSBURG, WV ADDRESS 1420 7TH STREET PARKERSBURG, WV
 _____ 26101 _____ 26101