

OFFICE USE ONLY

PERMIT MODIFICATIONS AND CONDITIONS (IF ANY) TO THE PROPOSED WELL WORK

1) LOCATION: Indian Creek, Tyler, 1093' Elevation

2) WELL OPERATOR: Pennzoil Company, P.O. Box 1588, Parkersburg, W. Va. 26105

3) DRILLING CONTRACTOR: Robert Lowther, General Delivery, Middlebourne, W. Va. 26149

4) PROPOSED WELL WORK: Plug out old formation

5) OTHER PHYSICAL CHANGES TO WELL (Specify): Gordon

6) APPROXIMATE COST OF WELL WORK: 3079

7) IS THIS WELL BEING DRILLED UNDER THE PERMIT PROGRAM? Yes No

DATE	DESCRIPTION	BY	REMARKS
970	Cement to surface		
970			

OFFICE USE ONLY

This part of Form WW-2(B) is to record the dates of certain occurrences and any follow-up inspections.

Date	Date(s)
Application received	Follow-up inspection(s)
Well work started	" "
Completion of the drilling process	" "
Well Record received	" "
Reclamation completed	" "

OTHER INSPECTIONS

Reason: _____

Reason: _____

12/29/2023

1) Date: November 1, 1985
Operator's
2) Well No. F. R. Ball No. 18
3) API Well No. 47 - 095 - 1125
State County Permit

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

4) SURFACE OWNER(S) OF RECORD TO BE SERVED
(i) Name John W.L. Jones
Address 720 James Street
New Martinsville, WV 26155
(ii) Name Elizabeth C. DeLong
Address Alvy, W.Va. 26332
(iii) Name Raymond V. & Norma S. Davis
Address General Delivery
Alvy, West Virginia 26332
5 (i) COAL OPERATOR
Address _____
5 (ii) COAL OWNER(S) WITH DECLARATION ON RECORD:
Name _____
Address _____
Name _____
Address _____
5 (iii) COAL LESSEE WITH DECLARATION ON RECORD:
Name _____
Address _____

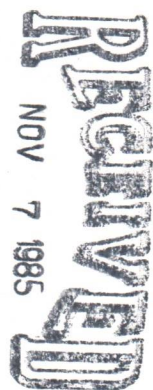
TO THE PERSON(S) NAMED ABOVE: You should have received this Form and the following documents:

- (1) The Application for a Well Work Permit on Form WW-2(B) which sets out the parties involved in the drilling or other work, and describes the well and its location and, if applicable, the proposed casing and cementing program;
- (2) The plat (surveyor's map) showing the well location on Form WW-6, and
- (3) The Construction and Reclamation Plan on Form WW-9 (unless the well work is only to plug a well), which sets out the plan for erosion and sediment control and for reclamation for the site and access road.

THE REASON YOU RECEIVED THESE DOCUMENTS IS THAT YOU HAVE RIGHTS REGARDING THE APPLICATION WHICH ARE SUMMARIZED IN THE "INSTRUCTIONS" ON THE REVERSE SIDE OF THE COPY OF THE APPLICATION WW-2(B) DESIGNATED FOR YOU. HOWEVER, YOU ARE NOT REQUIRED TO TAKE ANY ACTION AT ALL.

Take notice that under Chapter 22B of the West Virginia Code, the undersigned well operator proposes to file or has filed this Notice and Application and accompanying documents for a Well Work Permit with the Director of the Division of Oil and Gas, with respect to a well at the location described on attached Application and depicted on attached Form WW-6. Copies of this Notice, the Application, the plat, and the Construction and Reclamation Plan have been mailed by registered or certified mail or delivered by hand to the person(s) named above (or by publication in certain circumstances) on or before the day of mailing or delivery to the Director of the Division of Oil and Gas.

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY



6) EXTRACTION RIGHTS
Check and provide one of the following:
 Included is the lease or leases or other continuing contract or contracts by which hold the right to extract oil or gas.
 The requirement of Code 22B-1-8(c)(1) through (4). (see reverse side for specifics.)

7) ROYALTY PROVISIONS
Is the right to extract, produce or market the oil or gas based upon a lease or leases or other 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 WW-60.

See the reverse side for line item instructions, and for instructions concerning the required copies of the Notice and Application, plat, and Construction and Reclamation Plan.

The truth of the information on the Notice and Application is verified and sworn to and the Notice is signed on behalf of the Well Operator in my County and State by
Curtis A. Lucas,
this 1st day of November, 1985,
My commission expires Oct. 24, 1989.
Jayce M. Beard
Notary Public, Wood County,
State of W. Va.

WELL OPERATOR Pennzoil Company
By Curtis A. Lucas
Its Supervisor, Surveying and Mapping
Address P.O. Box 1588
Parkersburg, West Virginia 26102
Telephone 422-6565

I N S T R U C T I O N S T O A P P L I C A N T

CONCERNING THE LINE ITEMS:

- 1) Date of Notice.
- 2) Your well name and number.
- 3) To be filled out by the Division of Oil & gas.
- 4) & 5) Use separate sheet if necessary.
- 4) Surface owner(s) of record to be served with Notice and Application. However, see also Code §22B-1-9(b) if "more than three tenants in common or other co-owners of interest described in subsection (a) of this section hold interests in such lands".
- 5(i) "Coal Operator" means any person, firm, partnership, partnership association or corporation that proposes to or does operate a coal mine.
- 5(ii, iii) See Code §22B-1-36.
- 6) See Code §22-4-11(c). However, in lieu of filing the lease(s) or other continuing contract(s), the Applicant may fill out the information in the space provided below.
- 7) See Code § § 22-4-11 (d, e).

CONCERNING THE REQUIRED COPIES FOR FILING AND SERVICE:

Filing. Code §22B-1-6 and Regulation 7.02 provide that the original and required copies of the Notice and Application must be filed with the Administrator, 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 §22B-1-2C and the reclamation required by Code §22B-1-30 and Regulation 23, (iv) unless previously paid on the same well, the fees required by Code §22B-1-2(c) and 22B-1-29, and (v) if applicable, the consent required by Code §22B-1-21 from the owner of any water well on dwelling within 200 feet of the proposed well.

Service. In addition, service must be made on the surface owner(s) and the person(s) with an interest in the coal. See Code § § 22B-1-9, 22-B-1-13 and 22B-1-14.

INFORMATION SUPPLIED UNDER CODE §22B-1-8(d)
IN LIEU OF FILING LEASE(S) AND OTHER CONTINUING CONTRACT(S)

Under the oath required to make the verification on the obverse side of this Notice, I depose and say that I am the person who signed the Notice for the Applicant, and that--

- (1) the tract of land is the same tract described in the Application to which this Notice applies, partly or wholly depicted in the accompanying plat, and described in the Construction and Reclamation Plan;
- (2) the parties and recordation data (if recorded) for lease(s) or other continuing contract(s) by which the Applicant claims the right to extract, produce or market the oil or gas are as follows:

<u>Grantor, lessor, etc.</u>	<u>Grantee, lessee, etc.</u>	<u>Royalty</u>	<u>Book page</u>
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12/29/2023

RECEIVED
NOV 7 1985

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY
SITE REGISTRATION APPLICATION FORM
STATE OF WEST VIRGINIA/NPDES GENERAL PERMIT FOR OIL AND GAS
DRILLING PIT WASTE DISCHARGE

1. Company Name Pennzoil Company
2. Mailing Address P.O. Box 1588 Parkersburg, W.Va. 26102
street city state zip
3. Telephone 304-422-6565 4. Well Name F. R. Ball No. #18
5. Latitude 39°27'30" Longitude 80°40'00"
6. NPDES # WV0073343 7. Dept. Oil & Gas Permit NO. 47-095-1125
8. County Tyler 9. Nearest Town Alvy
10. Nearest Stream Indian Creek 11. Tributary of Middle Island Creek
12. Will Discharge be Contracted Out? yes no
13. If Yes, Proposed Contractor _____
Address _____
Telephone _____
14. Proposed Disposal Method: UIC _____ Land application
Off Site Disposal _____ Reuse _____ Centralized Treatment _____
Thermal Evaporation _____ Other _____
15. Attach to this application a topographic map (a duplicate of the one submitted to the Office of Oil and Gas) showing the outline of the facility, location of wells, springs, rivers and other surface water bodies, and drinking water wells known to the applicant in the area of the lease that may be impacted by any land application.

Nothing in the general permit shall be deemed in any way to create new, or enlarge existing, rights of riparian owners or others. Neither does anything in the general permit create new, or enlarge existing, obligations or duties of an operator pursuant to the requirements of W. Va. Code S22-4-1 et seq. The issuance of the general permit does not convey any property rights of any sort. Nor shall the issuance of the general permit give rise to any presumptions of law or findings of fact inuring to or for the benefit of persons other than the State of West Virginia.

12/29/2023

P 144 500 608

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED
NOT FOR INTERNATIONAL MAIL

(See Reverse)

★ U.S.G.P.O. 1984-446-014

PS Form 3800, Feb. 1982

Sent to	Elizabeth C. DeLong
Street and No.	
P.O., State and ZIP Code	Alvy, W.Va. 26332
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to whom and Date Delivered	DIVISION OF OIL & GAS DEPARTMENT OF ENERGY X
Return receipt showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	\$ 1.84
Postmark or Date	NOV 9 1985

P 144 500 609

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED
NOT FOR INTERNATIONAL MAIL

(See Reverse)

★ U.S.G.P.O. 1984-446-014

PS Form 3800, Feb. 1982

Sent to	Raymond V. & Norma Davis
Street and No.	General Delivery
P.O., State and ZIP Code	Alvy, W.Va. 26332
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to whom and Date Delivered	DIVISION OF OIL & GAS DEPARTMENT OF ENERGY X
Return receipt showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	\$ 1.84
Postmark or Date	NOV 9 1985

P 144 500 610

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED
NOT FOR INTERNATIONAL MAIL

(See Reverse)

★ U.S.G.P.O. 1984-446-014

PS Form 3800, Feb. 1982

Sent to	John W. L. Jones
Street and No.	720 James Street
P.O., State and ZIP Code	New Martinsville, WV 26155
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to whom and Date Delivered	DIVISION OF OIL & GAS DEPARTMENT OF ENERGY X
Return receipt showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	\$ 1.84
Postmark or Date	NOV 9 1985

12/29/2023



WR-35

RECEIVED
DEPARTMENT OF ENERGY
OIL AND GAS

State of West Virginia
DEPARTMENT OF ENERGY
Oil and Gas Division

Date January 23, 1986
Operator's
Well No. 18
Farm F. R. Ball
API No. 47 - 095 - 1125

JAN 27 1986

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: 1093 Watershed Indian Creek
District: McElroy County Tyler Quadrangle Centerpoint 7.5'

COMPANY Pennzoil Company
ADDRESS P.O. Box 1588, Parkersburg, W. Va. 26102
DESIGNATED AGENT James A. Crews
ADDRESS P.O. Box 1588, Parkersburg, W. Va.
SURFACE OWNER John W.L. Jones
ADDRESS 720 James Street, New Martinsville, WV
MINERAL RIGHTS OWNER Pennzoil Company'
ADDRESS _____
OIL AND GAS INSPECTOR FOR THIS WORK Robert
Lowther ADDRESS Gen. Delivery, Middlebourne, WV
PERMIT ISSUED 11-25-85
DRILLING COMMENCED 12-16-85
DRILLING COMPLETED 12-31-85

Casing Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft.
Size 20-16			
20-16			
13-10"			
9 5/8			
8 5/8	991	991	450 sks.
7			
5 1/2			
4 1/2	3076	3076	225 sks
3			
2			
Liners used			

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

GEOLOGICAL TARGET FORMATION Gordon Depth 2966 feet
Depth of completed well 3083 feet Rotary / Cable Tools _____
Water strata depth: Fresh 320 feet; Salt 1387 feet
Coal seam depths: _____ Is coal being mined in the area? no

OPEN FLOW DATA Information Well Only
To Be completed at Later Date
Producing formation _____ Pay zone depth _____ feet
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 measurement) after _____ 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 12/29/2023 Bbl/d
Time of open flow between initial and final tests _____ hours
Static rock pressure _____ psig (surface measurement) after _____ hours shut in

(Continue on reverse side)

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

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
					Including indication of all fresh and salt water, coal, oil and gas
Sand			0	1000	
Shale			1000	1038	
Sand			1038	1177	
Shale			1177	1348	
Sand			1348	1389	
Shale			1389	1532	
Sand, Shale			1532	2124	
Little Lime			2124	2148	
Blue Monday			2148	2196	
Big Lime			2196	2254	
Loyalhanna			2254	2290	
Pocono Big Injun			2290	2416	
Pocono Shale			2416	2966	
Gordon			2966	3030	
Shale			3030	3083	
Total Depth				3083	

(Attach separate sheets as necessary)

Pennzoil Company

Well Operator

By: Caroline A. Fuson

Date: 1-23-86

12/29/2023

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."

INSPECTOR'S PERMIT SUMMARY FORM

11-25-85

WELL TYPE _____
ELEVATION 1093
DISTRICT Mc Elroy
QUADRANGLE _____
COUNTY Tyler

API# 47-095 - 1125
OPERATOR pennzoil co
TELEPHONE _____
FARM John Jones
WELL # 18

SURFACE OWNER John Jones COMMENTS _____ TELEPHONE _____
TARGET FORMATION _____ DATE APPLICATION RECEIVED _____

DATE STARTED _____
LOCATION 12-10-85 NOTIFIED _____ DRILLING COMMENCED _____

WATER DEPTHS 320 F, 1370 S, _____, _____
COAL DEPTHS 926-931, _____, _____, _____

CASING

Ran 979 feet of 8" "pipe on 12-18-85 with 1055Ks fill up
Ran 3076 feet of 4 1/2 "pipe on 12-31-85 with 2256Ks fill up
Ran _____ feet of _____ "pipe on _____ with _____ fill up
Ran _____ feet of _____ "pipe on _____ with _____ fill up

TD 3089 feet on 12-31-85

PLUGGING

Type	From	To	Pipe Removed

Pit Discharge date: _____ Type _____

Field analysis ph _____ fe _____ cl _____

Well Record received _____

Date Released June 4, 1986

R.A. Lowther 12/29/2023
Inspector's signature

API# 47095 - 1125

LIST ALL VISITS FOR THIS PERMIT

	DATE	TIME	PURPOSE	COMMENTS
1	12-10-85			
2	12-20-85			
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				

RECEIVED
DEPARTMENT OF ENERGY
OIL AND GAS

JUN 10 1986

Notes

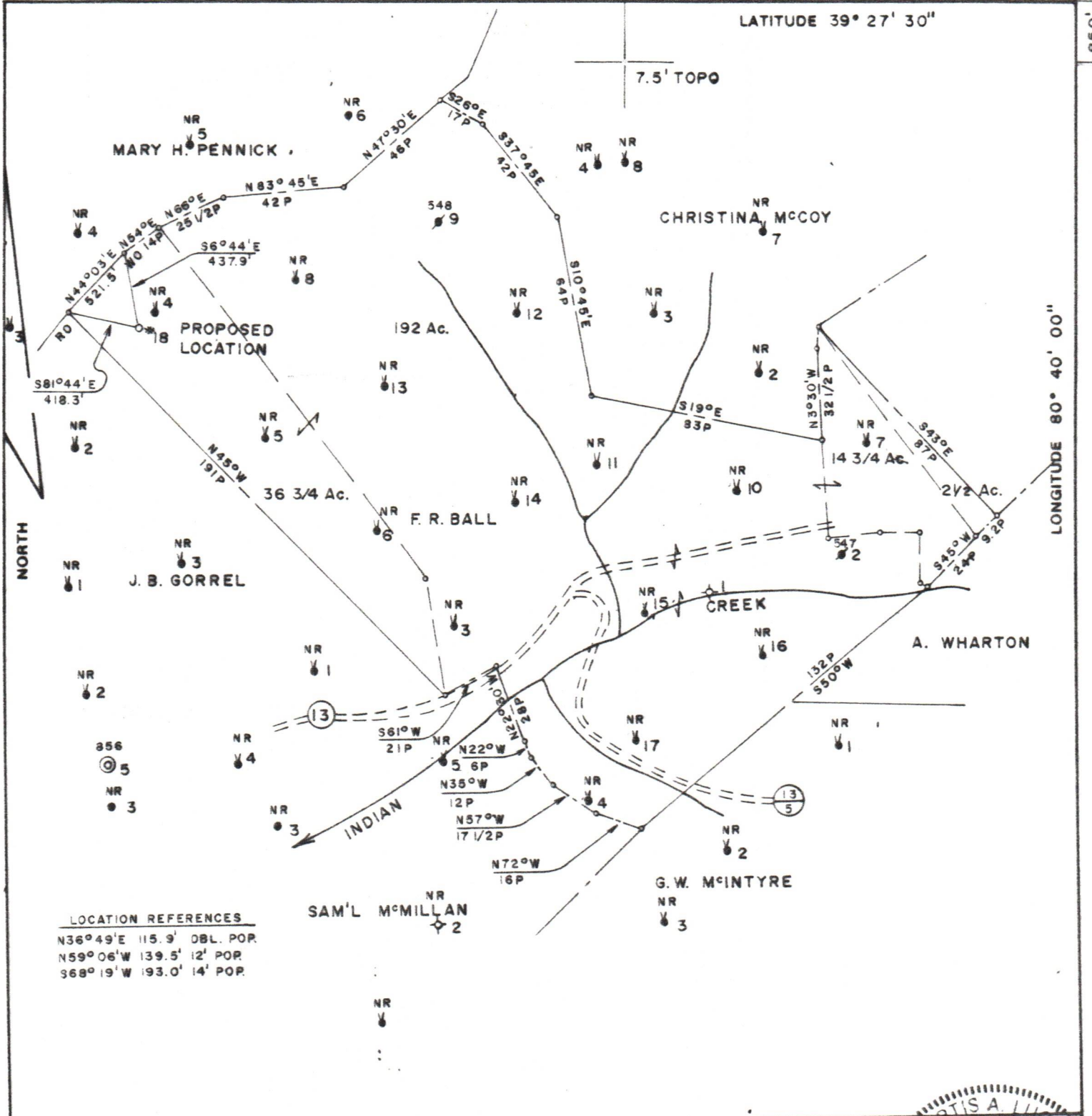
12-31-86 2000Lb Test oom 4 1/2" casing for 20 min
O Bleed off

MN 11-21-85

6,500'

LATITUDE 39° 27' 30"

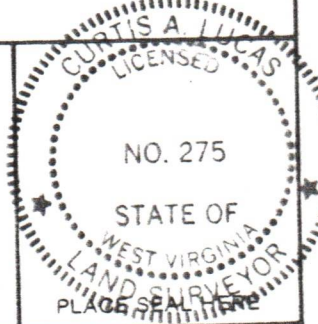
7.5' TOPO



LOCATION REFERENCES
 N36°49'E 115.9' DBL. POP.
 N59°06'W 139.5' 12' POP.
 S68°19'W 193.0' 14' POP.

FILE NO. 1280
 MAP N47 SQS NI W4
 SCALE 1" = 300'
 MINIMUM DEGREE OF ACCURACY 1 IN 200
 PROVEN SOURCE OF ELEVATION P. HORNER #11
ELEV. = 1189.90'

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) Curtis A. Lucas
 CURTIS A. LUCAS LLS 275



STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION



DATE NOVEMBER 1, 19 85
 FARM F. R. BALL NO. 18
 API WELL NO.
47 - 095 - 1125
 STATE COUNTY PERMIT

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF "GAS,") PRODUCTION STORAGE DEEP SHALLOW
 LOCATION: ELEVATION 1093' WATER SHED INDIAN CREEK
 DISTRICT McELROY COUNTY TYLER
 QUADRANGLE CENTER POINT
 SURFACE OWNER JOHN JONES ACREAGE 107
 OIL & GAS ROYALTY OWNER PENNZOIL CO. LEASE ACREAGE 250
 LEASE NO. 15459
 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 GORDON ESTIMATED DEPTH 3,079'
 WELL OPERATOR PENNZOIL COMPANY DESIGNATED AGENT JAMES A. CREWS
 ADDRESS P.O. BOX 1588 ADDRESS P.O. BOX 1588
PARKERSBURG, W.V. 26101 PARKERSBURG, W.V. 26101

12/29/2023

FORM IV-6 (8-78)

H T HALL



DATE: November 1, 1985
OPERATOR'S
WELL NO.: F.R. Ball No. 18
API NO: 47 - -
State County Permit No.

State of West Virginia

OFFICE OF OIL AND GAS
DEPARTMENT OF MINES

A F F I D A V I T

State of W. Va.

County of Wood

I, James A. Crews (the designated owner or operator, or authorized representative thereof), after being duly sworn, do depose and say that the undersigned is authorized by the owner of the working interest in the well permit application to which this affidavit is attached do state that (he, she, or it) shall tender to the owner of the oil and gas in place not less than one-eighth of the total amount paid to or received by or allowed to the owner of the working interest at the wellhead for the oil or gas so extracted, produced, or marketed before deducting the amount to be paid or set aside for the owner of the oil or gas in place, or all such oil or gas to be extracted, produced, or marketed from the well. West Virginia Code 22-4-11(e) (1982).

Signed: James A. Crews

Taken, Subscribed, and sworn to before me this 1st day of Nov, 1985.

Notary: Curtis A. Brown

My Commission Expires: July 2, 1990

WW-9

RECEIVED
NOV 7 1985

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY



State of West Virginia
Department of ENERGY
Oil and Gas Division

Field #2532

Review

DATE Nov. 1, 1985

WELL NO. F.R. Ball 18

API NO. 47 - 095 - 1125

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME Pennzoil Company DESIGNATED AGENT James A. Crews
Address P.O. Box 1588, Parkersburg, WV 26102 Address P.O. Box 1588, Parkersburg, WV
Telephone 422-6565 Telephone 422-6565
LANDOWNER John Jones SOIL CONS. DISTRICT Upper Ohio
Revegetation to be carried out by _____ (Agent)

This plan has been reviewed by Upper Ohio SCD. All corrections and additions become a part of this plan: Lloyd Tucker (Date)
11-6-85 (SCD Agent)

ACCESS ROAD

LOCATION

Structure <u>Roadside Ditch</u> (A)	Structure <u>Diversion Ditch</u> (1)
Spacing _____	Material <u>Earthen</u>
Page Ref. Manual <u>2-12</u>	Page Ref. Manual <u>2-12</u>
Structure <u>Stone Fill Over Pipeline</u> (B)	Structure _____ (2)
Spacing _____	Material _____
Page Ref. Manual _____	Page Ref. Manual _____
Structure <u>Culvert 12" I.D. min.</u> (C)	Structure _____ (3)
Spacing _____	Material _____
Page Ref. Manual <u>2-7</u>	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
Fertilizer 450 500 lbs/acre
(10-20-20 or equivalent)
Mulch Straw 2 Tons/acre
Seed* Ky 31 Fescue 50 lbs/acre
Perennial Ryegrass 20 lbs/acre
Red Clover 10 lbs/acre

Lime _____ Tons/acre
or correct to pH 6.5
Fertilizer 450 500 lbs/acre
(10-20-20 or equivalent)
Mulch Straw 2 Tons/acre
Seed* Ky 31 Fescue 50 lbs/acre
Perennial Ryegrass 20 lbs/acre
Red Clover 10 lbs/acre

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

PLAN PREPARED BY Curtis A. Lucas

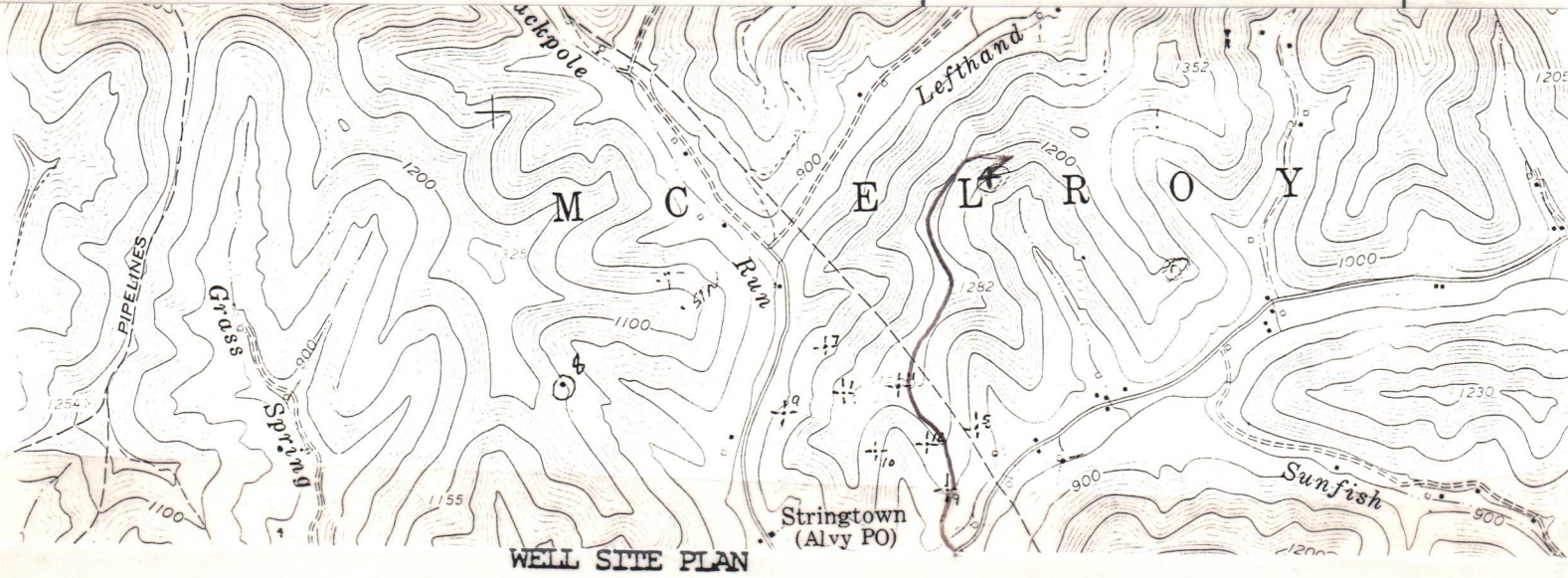
ADDRESS P.O. Box 1588 12/29/2023
Parkersburg, W. Va. 26102

PHONE NO. 422-6565

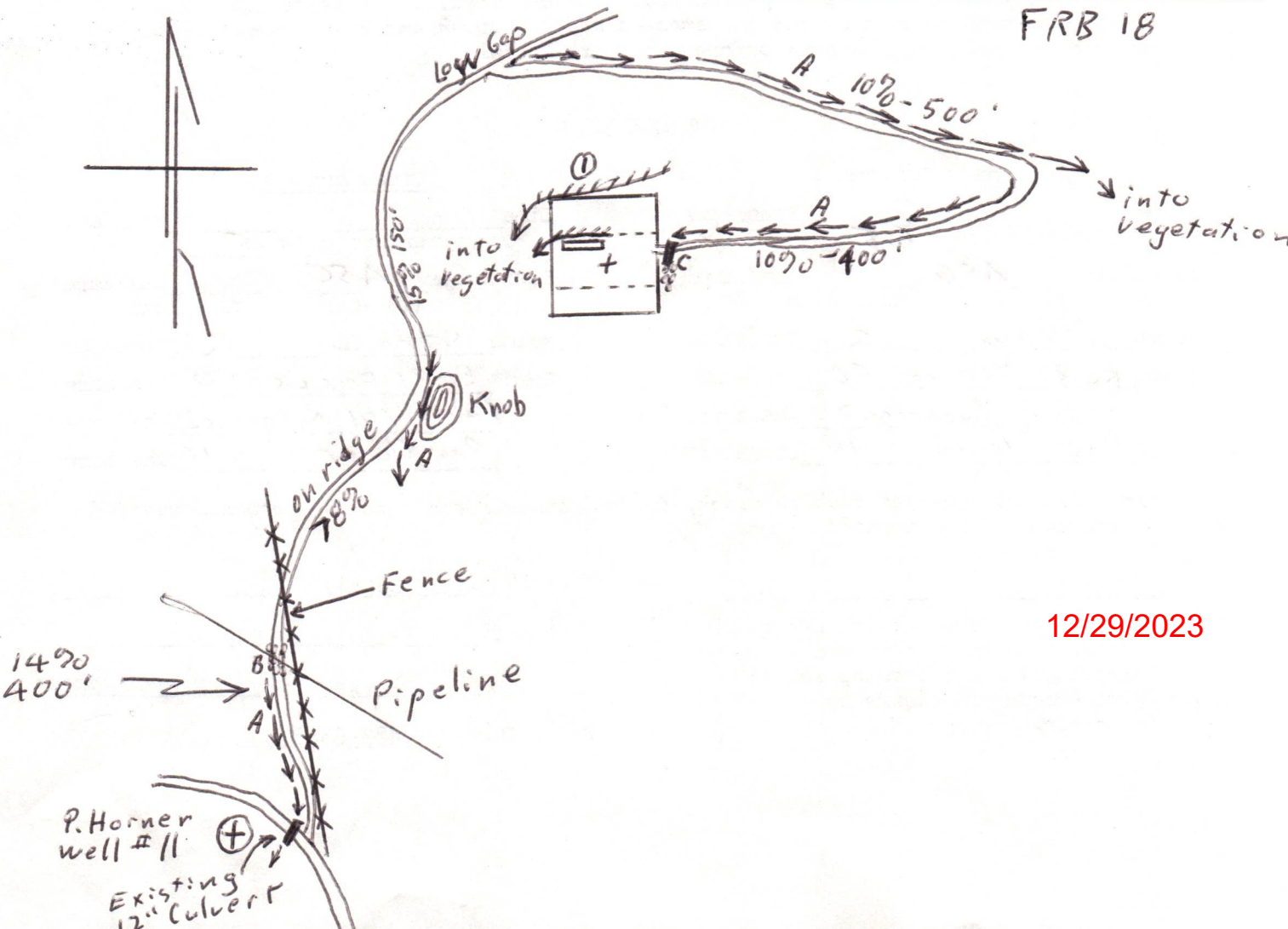
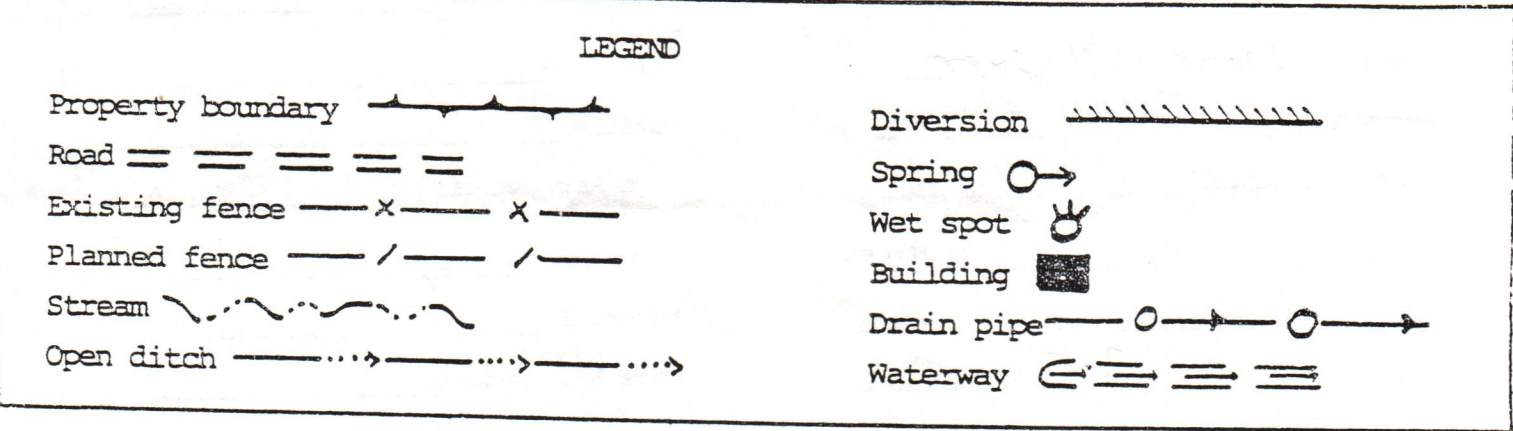
NOTES: Please request landowners' cooperation to protect new seedling for one growing season. Attach separate sheets as necessary for comments.

ATTACH OR PHOTOCOPY SECTION OF INVOLVED TOPOGRAPHIC MAP. QUADRANGLE Centerpoint

LEGEND
 Well Site ⊕
 Access Road ———



Sketch to include well location, existing access road, roads to be constructed, wellsite, drilling pits and necessary structures numbered or lettered to correspond with the first part of this plan. Include all natural drainage.



12/29/2023