



1) Date: January 26, 19 83  
 2) Operator's Well No. 726-1  
 3) API Well No. 47 - 85 - 6212  
 State County Permit

(Obverse)  
(6-82)

DRILLING CONTRACTOR:

Unknown

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: 983' / Watershed: Elm Run  
 District: Grant / County: Ritchie / Quadrangle: Cairo 7.5
- 6) WELL OPERATOR Key Oil, Inc. / 11) DESIGNATED AGENT Joe McLaughlin  
 Address P.O. Box 709 / Address P.O. Box 709  
 Spencer, W.V. 25276 / Spencer, W.V. 25276
- 7) OIL & GAS ROYALTY OWNER Walter S. Layfield / 12) COAL OPERATOR None  
 Address 424 New York Ave. / Address \_\_\_\_\_  
 Harrisville, W.V. 26362
- 8) SURFACE OWNER Byrl Layfield / 13) COAL OWNER(S) WITH DECLARATION ON RECORD:  
 Address Rt. 1 / Name None  
 Cairo, W.V. 26337 / Address \_\_\_\_\_  
 Acreage 44.85 Ac. / Name \_\_\_\_\_  
 Address \_\_\_\_\_
- 9) FIELD SALE (IF MADE) TO:  
 Address \_\_\_\_\_
- 10) OIL & GAS INSPECTOR TO BE NOTIFIED / 14) COAL LESSEE WITH DECLARATION ON RECORD:  
 Name Samuel Hersman / Name None  
 Address P.O. Box 66 / Address \_\_\_\_\_  
 Smithville, W.V. 26178
- 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, Marcellus Shale
- 17) Estimated depth of completed well, 5,900 feet
- 18) Approximate water strata depths: Fresh, 371 feet; salt, 476 feet.
- 19) Approximate coal seam depths: none / Is coal being mined in the area? Yes  / No

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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		Kind	Bottom
Conductor	11	ERW	42	X		20'				
Fresh water	8 5/8	ERW	<del>23</del>	X		1,090'	1,090'	To Surface		
Coal									Sizes	
Intermediate	4 1/2	ERW	10.5	X		5,900'	5,900'	As Needed		
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: Charles Lewis Weaver  
 My Commission Expires November 9, 1992

Signed: Mildred G. Taylor  
 Its: Vice President

OFFICE USE ONLY  
DRILLING PERMIT

Permit number 47-085-6212

January 27, 19 83  
 Date 08/18/2023

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 September 27, 1983

unless drilling is commenced prior to that date and prosecuted with due diligence.

Bond: Blanket	Agent: <u>OK</u>	Plat: <u>AS</u>	Casing: <u>2 1/2</u>	Fee: 200
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Angela D. Smith  
 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 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 \_\_\_\_\_

08/18/2023





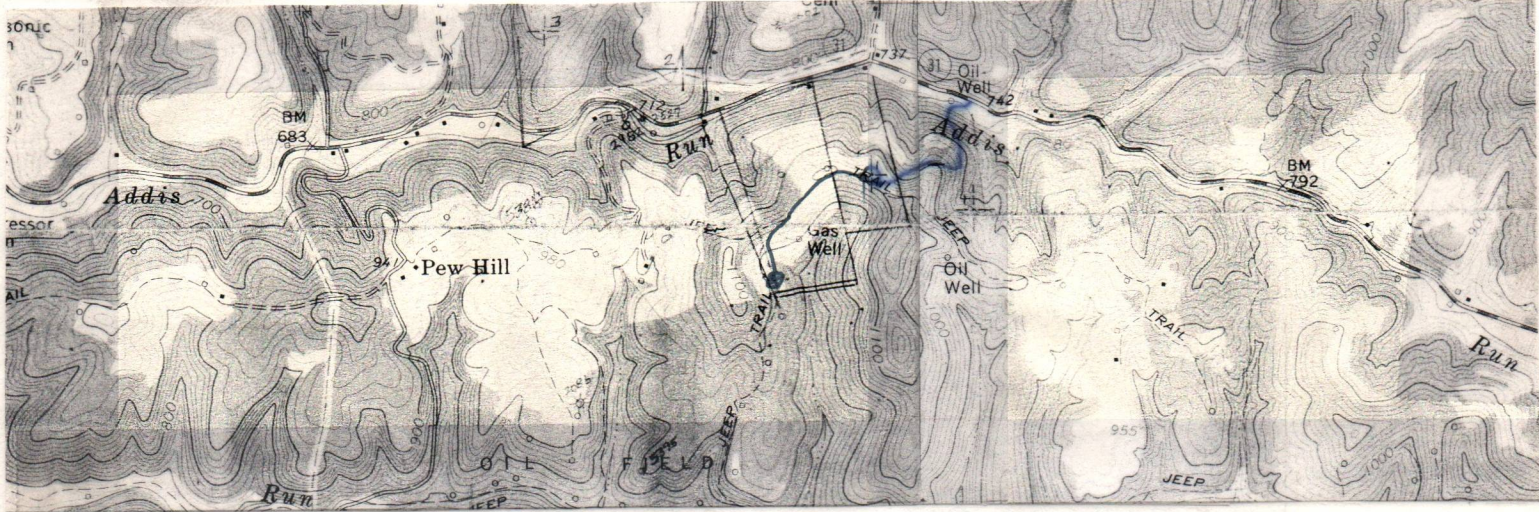
08/18/2023

ATTACH OR PHOTOCOPY SECTION OF INVOLVED TOPOGRAPHIC MAP. QUADRANGLE Cairo, WV 7 1/2'

LEGEND

Well Site ⊕

Access Road ———

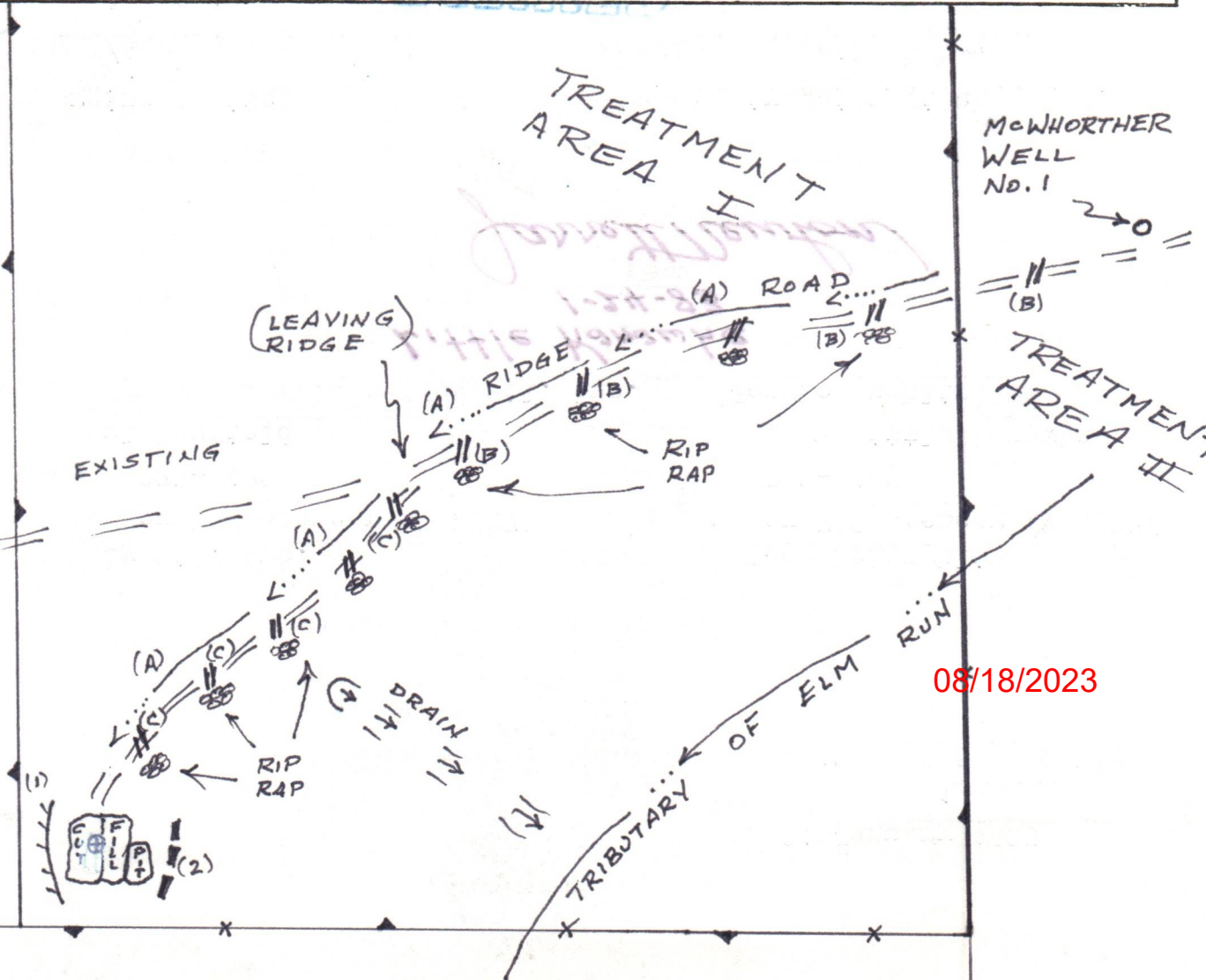


WELL SITE PLAN

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.

LEGEND

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



08/18/2023



DATE 21 January 1983  
WELL NO. 1  
API NO. 47 - 085 - 6212  
State of West Virginia  
Department of Mines  
Oil and Gas Division

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME Key Oil, Inc.  
Address PO Box 709 Spencer WV 25276  
Telephone 927-5490  
LANDOWNER Byrl Layfield  
SOIL CONS. DISTRICT Little Kanawha  
Revegetation to be carried out by Key Oil, Inc. (Joe McLaughlin) (Agent)  
This plan has been reviewed by Little Kanawha SCD. All corrections and additions become a part of this plan:  
1-24-83  
(Date)  
Joe McLaughlin (SCD Agent)

LOCATION

(1) Structure Drainage Ditch (A) Spacing N/A  
Structure Division Ditch (1) Material Soil  
Page Ref. Manual 2-12  
Structure Gross Drains (B) Spacing 135'  
Page Ref. Manual 2-1  
Structure Gross Drains (C) Spacing 60'  
Page Ref. Manual 2-1

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DEPT. OF MINES  
JAN 27 1983

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 or correct to pH 6.5 Tons/acre  
Fertilizer 500 lbs/acre (10-20-20 or equivalent)  
Mulch SIVA Fiber Tons/acre  
Seed\* KY Bluegrass 20 lbs/acre  
Redtop 5 lbs/acre  
White Clover 2 lbs/acre  
\*Inoculate all legumes such as vetch, trefoil and clovers with the proper bacterium. Inoculate with 3x recommended amount.

PLAN PREPARED BY John Strickling

NOTES: Please request landowner cooperation to protect new seeding for one growing season. Attach separate sheets as necessary for comments.

ADDRESS Court Street  
West Union, WV 26456  
PHONE NO. 873-2567

STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION  
STATUS INSPECTION REQUEST  
INSPECTOR'S COMPLIANCE REPORT

**RECEIVED**  
 NOV 5 - 1985

DIVISION OF OIL & GAS  
**DEPT. OF ENERGY**

Permit No. 47-085-6212  
 Company. KEY OIL, INC  
 Inspector. SAMUEL N. HERSMAN  
 Date. 10-30-85

County. RITCHIE  
 Farm. BYRL LAYFIELD  
 Well No. 726-1  
 Issued. \_\_\_\_\_

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	_____	_____
23.04	Reclaimed Drilling Pits	_____	_____
23.05	No Surface or Underground Pollution	_____	_____
7.03	Identification Markings	_____	_____

*CANCEL*

COMMENTS: PLEASE CANCEL - NO WELL WORK DONE

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: Samuel N. Hersman  
 DATE: 10-30-85



STATE OF WEST VIRGINIA  
 DEPARTMENT OF ENERGY  
 DIVISION OF OIL AND GAS  
 1615 Washington Street, East  
 Charleston, West Virginia 25311

Telephone: 348-3500

November 13, 1985

ARCH A. MOORE, JR.  
 Governor

John Johnston  
 Director

Key Oil Company  
 Post Office Box 729  
 Spencer, West Virginia 25276

In Re: Permit No: 47-085-6212  
 Farm: Byrl Layfield  
 Well NO: 726-1  
 District: Grant  
 County: Ritchie  
 Issued: 1-27-83

Gentlemen:

The FINAL INSPECTION REPORT for the above captioned well has been received in this office. ONLY the Column checked below applies:

       The well designated by the above captioned permit number has been released under your Blanket Bond.

       Please return the enclosed cancelled single bond which covered the well designated by the above captioned permit number to the surety company that executed said bond in your behalf, in order that they may give you credit on their records.

       Your well record was received and reclamation requirements approved. In accordance with Chapter 22B, Article 1, Section 26, the above captioned well will remain under bond coverage for life of the well.

       PERMIT CANCELLED - NEVER DRILLED

Respectively,

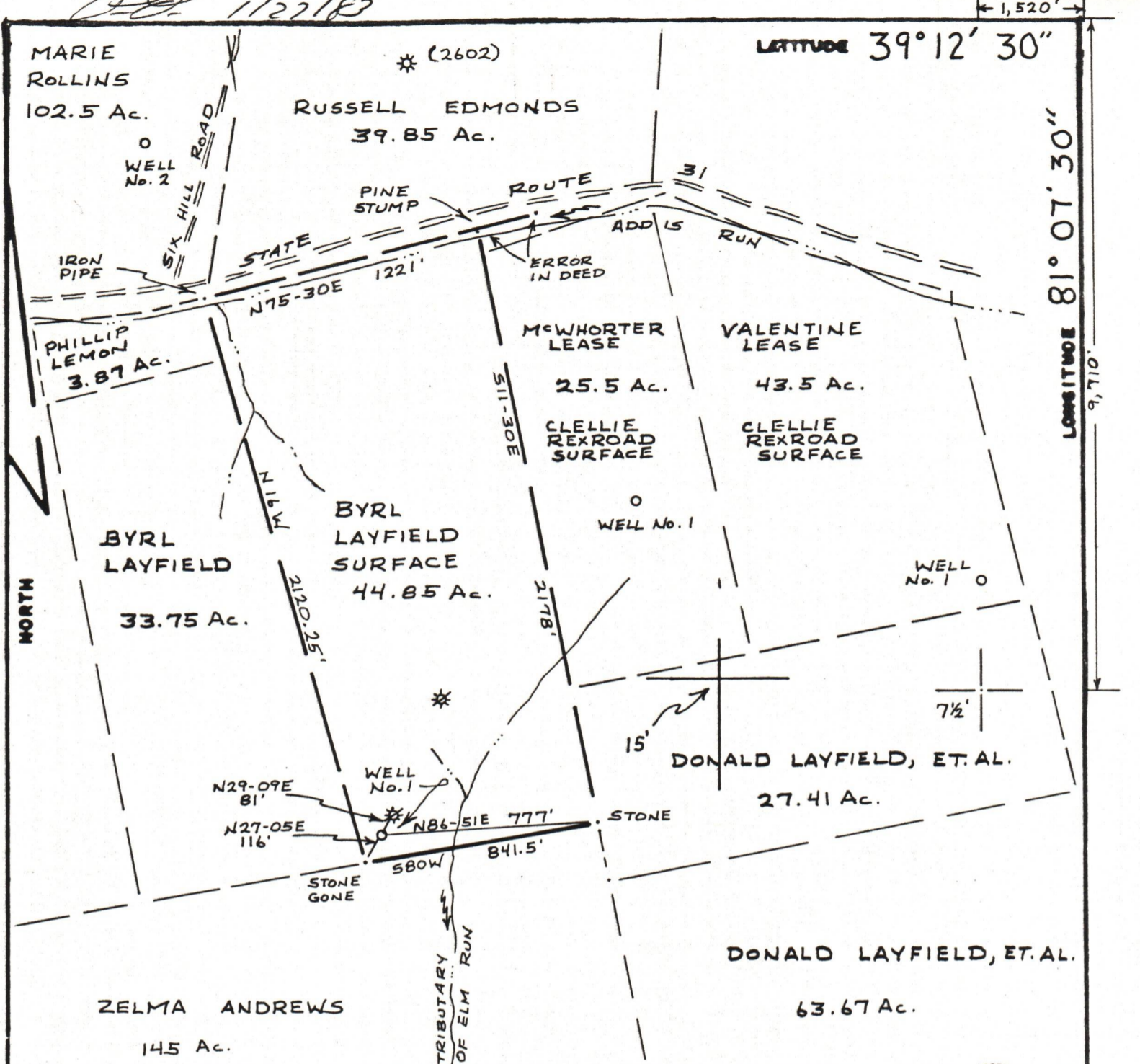
Theodore M. Streit

Deputy Director--Inspection & Enforcement

TMS/

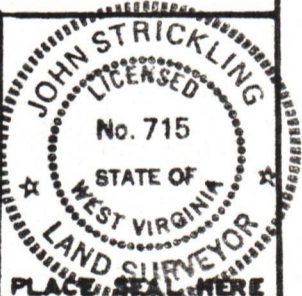
08/18/2023





FILE NO. \_\_\_\_\_  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1" = 500'  
 MINIMUM DEGREE OF ACCURACY 1:200  
 PROVEN SOURCE OF ELEVATION ROAD INT. ELEV. 737'

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) John Strickling  
 R.P.E. \_\_\_\_\_ L.L.S. 715



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



DATE JANUARY 21, 19 83  
 OPERATOR'S WELL NO. 726-1  
 API WELL NO. 47-085-6212  
 STATE COUNTY PERMIT  
cancelled

STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION

WELL TYPE: OIL \_\_\_ GAS X LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_  
 (IF "GAS", PRODUCTION X STORAGE \_\_\_ DEEP \_\_\_ SHALLOW X)  
 LOCATION: ELEVATION 983' WATER SHED ELM RUN  
 DISTRICT GRANT COUNTY RITCHIE  
 QUADRANGLE CAIRO, WEST VIRGINIA 7 1/2'  
 SURFACE OWNER BYRL LAYFIELD ACREAGE 44.85  
 OIL & GAS ROYALTY OWNER WALTER S. LAYFIELD LEASE ACREAGE 44.85  
 LEASE NO. 726  
 PROPOSED WORK: DRILL X CONVERT \_\_\_ DRILL DEEPER \_\_\_ REDRILL \_\_\_ FRACTURE OR STIMULATE \_\_\_ PLUS 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 5700'  
 WELL OPERATOR KEY OIL, INC. DESIGNATED AGENT JOE McLAUGHLIN  
 ADDRESS P.O. BOX 709 ADDRESS P.O. BOX 709  
SPENCER, W. VA. 25276 SPENCER, W. VA. 25276

RIT. - 6212

08/18/2023