



Date: June 15, 19 82
Operator's Well No. Dotson #1
API Well No. 47 085 5698
State County Permit

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES, OIL AND GAS DIVISION
OIL AND GAS WELL PERMIT APPLICATION

WELL TYPE: Oil X / Gas X /
(If "Gas", Production X / Underground storage _____ / Deep _____ / Shallow _____)
LOCATION: Elevation: 913 Watershed: North Fork of Hughes River
District: Grant County: Ritchie Quadrangle: Petroleum 75

WELL OPERATOR Rimrock Production Corp. DESIGNATED AGENT Robert L. Murdock
Address 4424 B Emerson Avenue Address 4424 B Emerson Avenue
Parkersburg, W.Va. 26104 Parkersburg, W.Va. 26104

OIL & GAS ROYALTY OWNER Carl Dotson & Isabelle Wyer COAL OPERATOR NONE
Address Rt. 1 Address _____
Petroleum, W.Va.

ACREAGE 21 COAL OWNER(S) WITH DECLARATION ON RECORD:
Name NONE

SURFACE OWNER SAME Address _____
Address _____
Name _____
ACREAGE _____ JUN 15 1982

FIELD SALE (IF MADE) TO: Address _____
Address unknown Name _____
Address _____

OIL & GAS INSPECTOR TO BE NOTIFIED
Name Deo Mace Address _____
Address Rt. 1 Box 5
Sandridge W.Va.

The undersigned well operator is entitled to operate for oil or gas purposes at the above location under a deed _____ / lease _____
assignment X / dated April 21, 19 82, to the undersigned well operator from Stockade
Petroleum Corporation

(IF said deed, lease, or other contract has been recorded:)
Recorded on May 3, 19 82, in the office of the Clerk of the County Commission of Ritchie County, West
Va., in Lease Book 143 at page 494. A permit is requested as follows:

PROPOSED WORK: Drill X / Drill deeper _____ / Redrill _____ / Fracture or stimulate _____ /
Plug off old formation _____ / Perforate new formation _____ /
Other physical change in well (specify) _____
—planned as shown on the work order on the reverse side hereof.

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 522-4-3 must be filed with the Department of Mines within fifteen (15) days after the receipt of this Application by the
Department.

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.

PLEASE SUBMIT COPIES OF ALL
GEOPHYSICAL LOGS DIRECTLY
TO:
WEST VIRGINIA OIL AND GAS
CONSERVATION COMMISSION
1615 WASHINGTON STREET EAST
CHARLESTON, WV 25311
TELEPHONE: (304) 348-3092

BLANKET BOND

04/19/2024
Rimrock Production Corp.
Well Operator
By Alison Cravo
Its Agent

RECEIVED

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

PROPOSED WORK ORDER

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

DRILLING CONTRACTOR (IF KNOWN) unknown
Address _____

GEOLOGICAL TARGET FORMATION, Elk

Estimated depth of completed well, 5500 feet Rotary X / Cable tools _____ /

Approximate water strata depths: Fresh, 150 feet; salt, 0 feet.

Approximate coal seam depths: none Is coal being mined in the area? Yes _____ / No X /

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	11 3/4	CW	45#	X		250	250	OTS	Kinds
Fresh Water	8 5/8	erw	23#	X		1200	1200	350sks.	Baker
Coal									Sizes
Intermediate									
Production	4 1/2	erw	10.5#	X		0	5500	750sks	Depths set 4000
Tubing	2 3/8	CW	4.7#	X		0	4000	0	
Liners									Perforations: est. depth Top <u>3200</u> Bottom <u>5400</u>

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 2-18-83,
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.

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.

04/19/2024

Date: _____, 19 _____

file

By _____
Its _____

ATTACH OR PHOTOCOPY SECTION OF
INVOLVED TOPOGRAPHIC MAP.
QUADRANGLE PETROLEUM 7.5'

LEGEND

Well Site ⊕

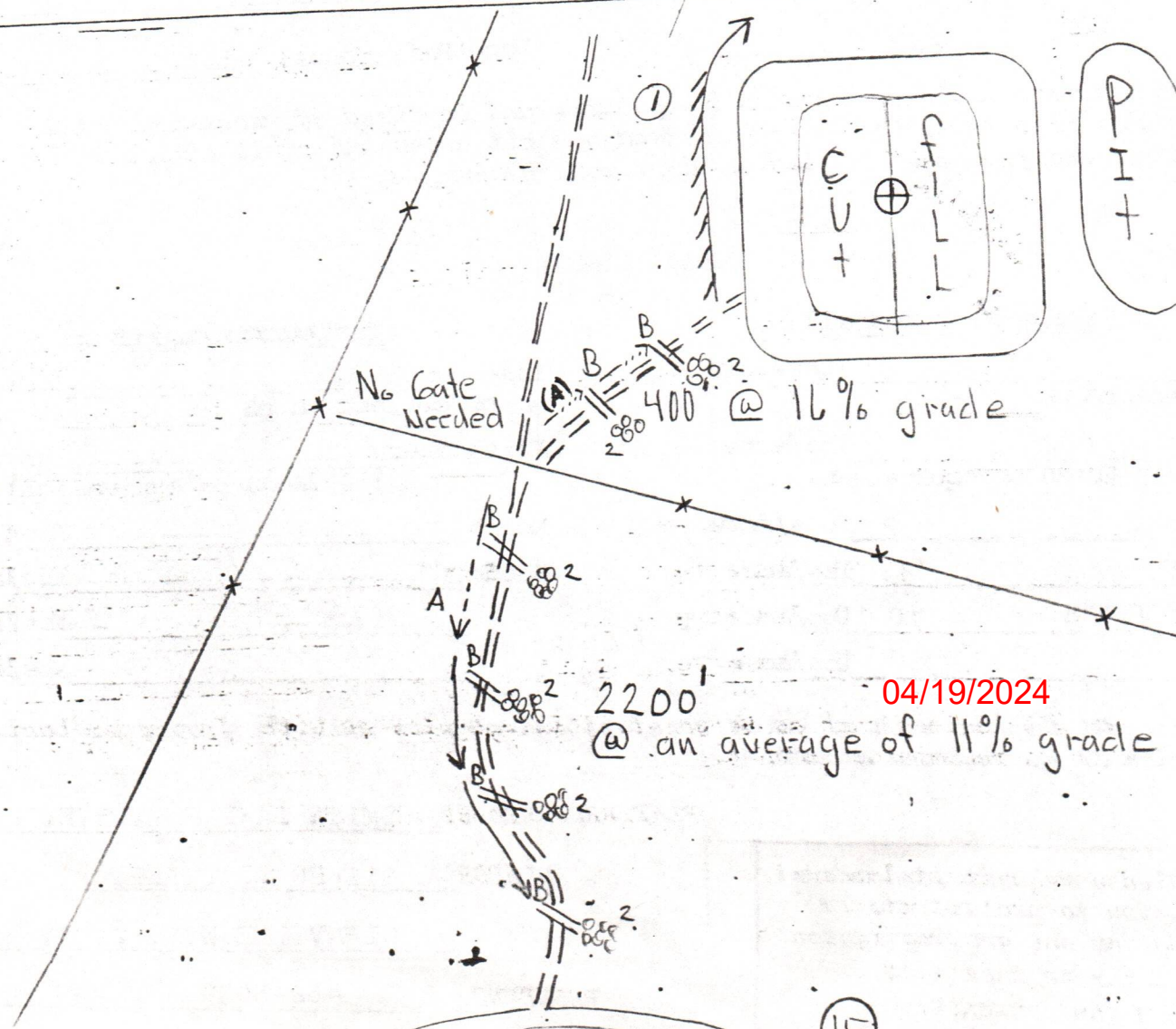
Access Road ———

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—x—x—	Wet spot	⊗
Planned fence	—/—/—/—/—	Building	■
Stream	~ ~ ~ ~ ~	Drain pipe	○→○→○→
Open ditch	→→→→→	Waterway	←≡≡≡≡





DATE JUNE 11, 1982

State of West Virginia

WELL NO. 1

Department of Mines
Oil and Gas Division

API NO. 47-085-5698

CONSTRUCTION AND RECLAMATION PLAN

OWNER NAME RIMROCK PRODUCTION CORP.

Address 4424B EMERSON AVE. PARKERSBURG, WV

Telephone 428-1520

DESIGNATED AGENT ROBERT L. MURDOCK

Address 4424B EMERSON AVE. PARKERSBURG

Telephone 428-1520

OWNER CARL & VIVION DOTSON

SOIL CONS. DISTRICT LITTLE KANAWHA

Vegetation to be carried out by RIMROCK PRODUCTION CORP.

This plan has been reviewed by Little Kanawha SCD. All corrections

conditions become a part of this plan: 6-14-82 (Date)

Jarrett Newlon
(SCD Agent)

ACCESS ROAD

Structure DRAINAGE DITCH

n/a

Manual 2-12

Structure CROSS DRAINS

55

Manual 2-1

Manual

LOCATION

(A) Structure DIVERSION DITCH (1)

Material EARTHEN

Page Ref. Manual 2-12

(B) Structure SEDIMENT BARRIERS (2)

Material BRUSH & STONE

Page Ref. Manual 2-16

(C) Structure (3)

Material

Page Ref. Manual

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

REVEGETATION

Treatment Area I & II

~~Treatment Area III~~

Correct to pH 6.5 Tons/acre

Lime _____ Tons/acre
or correct to pH _____

600 lbs/acre
(10-20-20 or equivalent)

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

2 Tons/acre

Mulch _____ Tons/acre

35 lbs/acre

Seed* _____ lbs/acre

10 lbs/acre

_____ lbs/acre

lbs/acre

_____ lbs/acre

04/19/2024

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

PLAN PREPARED BY SMITH LAND SURVEYING

ADDRESS 111 SOUTH STREET

GLENVILLE W.V. 26351

PHONE NO. 462-5634

Please request landowners'
attention to protect new
growth for one growing season.
Separate sheets as
necessary for comments.



GRANT

Petroleum

AND

OHIO

Creek

Run

Buffalo

Hickory

Rusky

Run

Fork

Run

North

BALTIMORE

MACFARLAN 6.4 MI. 13 MI. TO W. VA. 16

INTERIOR- GEOLOGICAL SURVEY, RESTON, VIRGINIA-1977

04/19/2024

ROAD CLASSIFICATION

MACF

4338

4336

10'

4335

RIVERSIDE 5 MI. 7 MI. TO W. VA. 31

4333

4332

4331000m N.

39°07'30" 478000m E 81°15'

477

475

'30"



RECEIVED

JUN 15 1982

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

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

TO: ALL OPERATORS
FROM: Theodore M. Streit, Administrative Assistant
RE: New Permit Application Forms

DATE: June 10, 1982

On March 13, 1982, the legislature passed HB-154 which goes into effect June 11, 1982. This bill requires proof of one-eighth (1/8) royalty payment to the royalty owners before any well permit can be issued.

We are at the present time printing up new Permit Application Forms which should be available by next month. In the meantime you will be required to send in a notarized affidavit (sample copy below) with each permit application.

AFFIDAVIT

I, Robert L. Murdock (the above designated owner or operator, or authorized representative thereof) hereby verifies that the owner or owners of the mineral estate upon which this proposed well is to be located will receive minimum one-eighth (1/8) royalty payments for any gas or oil extracted therefrom. Copies of the 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, co-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.

Signed: Robert L. Murdock
(Owner, Operator, or Authorized Representative)

Notary: Candace D. Wine (Signed)

My commission expires October 19, 1991

47-085-5698

04/19/2024

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

Stage 1 - 3850 - 4900 29 holes 850,000 scf N2
 Stage 2 - 2700 - 3800 27 holes 1,010,000 scf N2

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
					Including indication of all fresh and salt water, coal, oil and gas
Soil			0	15	
Sandstone			15	50	
Sandstone			50	100	
Sandstone & Shale			100	200	
Sandstone & Shale			200	300	
Sandstone & Shale			300	400	
Sandstone & Shale			400	500	
Siltstone			500	600	
Sandstone & Siltstone			600	700	
Siltstone & Sandstone			700	800	
Siltstone			800	900	
Sandstone & Shale			900	1000	
Siltstone & Shale			1000	1100	
Sandstone & Shale			1100	1200	
Shale & Sandstone			1200	1300	
Siltstone			1300	1400	
Siltstone & Sandy Siltstone			1400	1500	
Sandstone & Siltstone			1500	1600	
Sandstone & Siltstone			1600	1700	
Sandstone			1700	1814	
Big Injun			1814	1897	
Siltstone			1897	2000	
Siltstone			2000	2100	
Siltstone & Sandy Siltstone			2100	2200	
Siltstone & Shale			2200	2288	
Berea			2288	2291	
Siltstone			2291	2400	
Shale & Sandy Siltstone			2400	2500	
Sandy Siltstone & Shale			2500	2600	
Sandy Siltstone & Shale			2600	2700	
Siltstone & Shale			2700	2800	
Siltstone & Shale			2800	2900	
Shale			2900	3000	
Shale			3000	3500	
Shale & Siltstone			3500	4000	
Shale & Siltstone			4000	4500	
Shale & Siltstone			4500	4967	

(Attach separate sheets as necessary)

Rimrock Production Corp.
 Well Operator 04/19/2024
 By: Ray E. McKimnie - Agent
 Date: October 18, 1982

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 ..., encountered in the drilling of a well."

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

RECEIVED

MAY 3 1983

INSPECTOR'S WELL REPORT

OIL & GAS DIVISION
DEPT. OF MINES

Permit No. 85-5698

Oil or Gas Well _____
(KIND)

Company Rimrock Production Corp.
 Address _____
 Farm Dotson
 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	PACKERS
Size			
16			Kind of Packer _____
13			
10			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 _____ SIZE _____ No. FT. _____ Date _____
 NAME OF SERVICE COMPANY _____
 COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
 _____ FEET _____ INCHES _____ FEET _____ INCHES
 _____ FEET _____ INCHES _____ FEET _____ INCHES

Drillers' Names _____

Remarks: Final inspection OK to Release

4-28-83
DATE

Samuel N. [Signature]
DISTRICT WELL INSPECTOR



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

WALTER N. MILLER
DIRECTOR

THEODORE M. STREIT
ADMINISTRATOR

May 9, 1983

Rimrock Production Corporation
4424 Emerson Avenue
Parkersburg, W. Va. 26101

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-5455-FRAC.	E. C. Curry, #1	Union
RIT-5469	Olin D. Baker/Lettie M. Baker #1	Clay
RIT-5516-REFRAC.	Walter A. Crane Heirs, #1	Union
RIT-5590	Freda & Leonard Byrd, #1	Union
RIT-5611	Martin Corbin, et al, #1	Grant
RIT-5680	Walter A. Crane Heirs, "A" #1	Union
RIT-5685	Grace Cox, et al, #1	Union
RIT-5698	Carl Dotson, #1	Grant
RIT-5709	Merrill G. Hedrick, #1	Grant
RIT-5711	Merrill C. Hedrick, #2	Grant
RIT-5718	Elsie Cameron, Agent, #1	Union
RIT-5720	Cecil C. Gardner, #1	Grant
RIT-5752	Emmett Moyers, #1	Grant
RIT-5844	Arrahwanna Pifer, #1	Grant
RIT-5845	Floyd Pifer, et al, #1	Grant

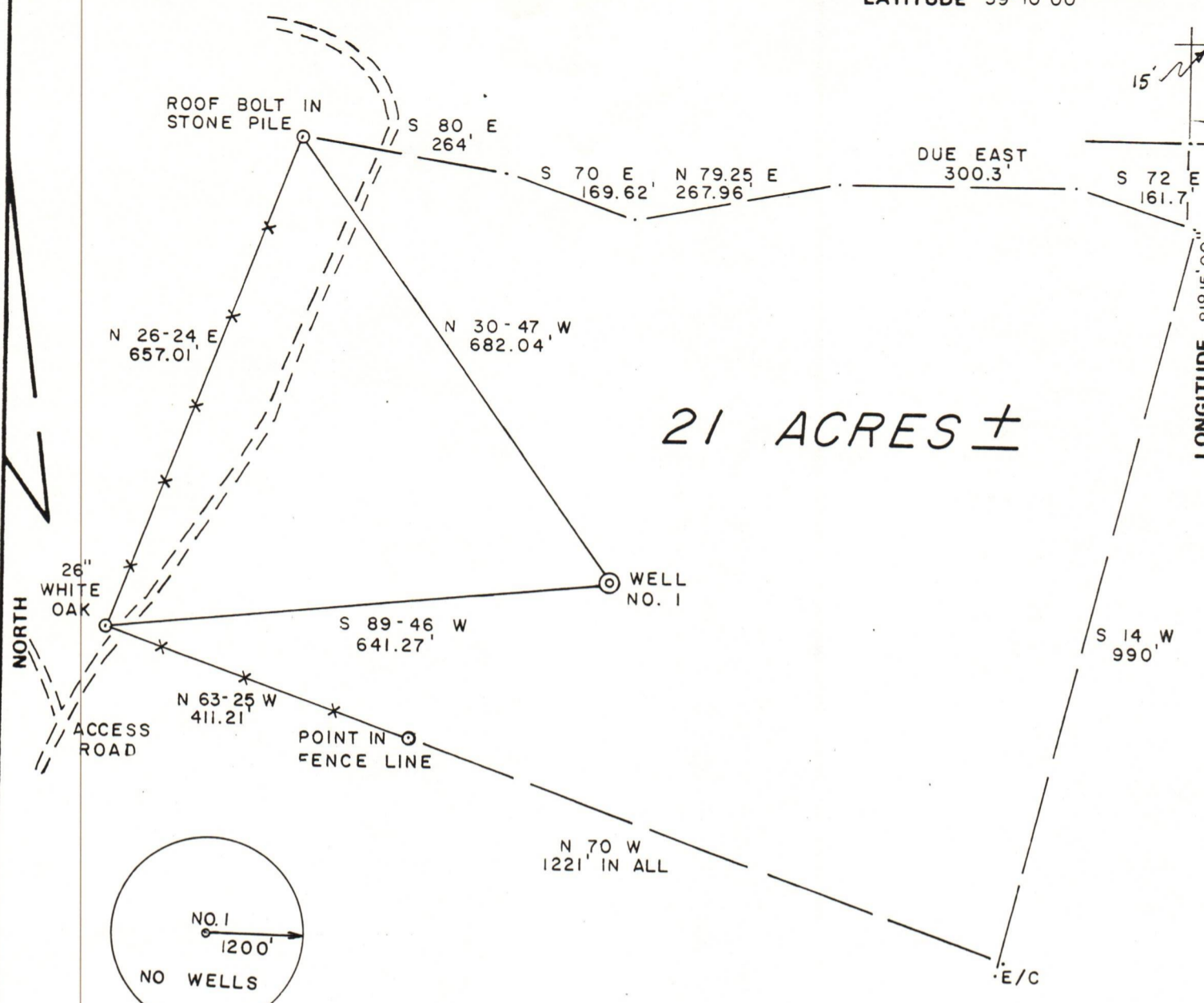
In accordance with Chapter 22, Article 4, Section 2, the above captioned wells will remain under bond coverage for "life of wells." Reclamation requirements have been approved.....

Very truly yours,

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

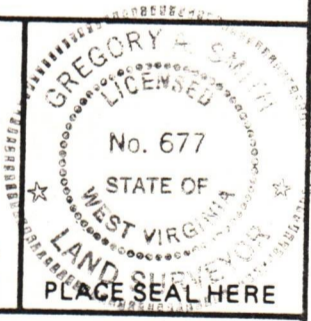
TMS/

04/19/2024



FILE NO. 7-57
 DRAWING NO. _____
 SCALE 1" = 200'
 MINIMUM DEGREE OF ACCURACY 1 / 200
 PROVEN SOURCE OF ELEVATION TOP OF KNOB
ELEV. 1126'

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) Gregory A. Smith
 R.P.E. _____ L.L.S. 677



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



DATE JUNE 10, 1982
 OPERATOR'S WELL NO. 1
 API WELL NO. 47-085-5698
 STATE 47 COUNTY 085 PERMIT 5698

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 913 WATER SHED NORTH FORK HUGHES RIVER
 DISTRICT GRANT COUNTY RITCHIE
 QUADRANGLE PETROLEUM 7.5
 SURFACE OWNER CARL I. & VIVION DOTSON ACREAGE 21
 OIL & GAS ROYALTY OWNER CARL I. DOTSON et. al. LEASE ACREAGE 21 LEASE NO. 04/19/2024
 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 5100'
 WELL OPERATOR RIMROCK PROD. CORP. DESIGNATED AGENT ROBERT L. MURDOCK
 ADDRESS 4424 B EMERSON AVE. ADDRESS 4424 B EMERSON AVE.
PARKERSBURG W.V. 26101 PARKERSBURG W.V. 26101