

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		245	245	0.75	Kinds
Fresh Water	8 5/8	EPW	23#	X		1200	1200'	370 SRS.	Baker
Coal									Sizes
Intermediate									
Production	4 1/2	EPW	10.5#	X		0	5500	750 SRS	Depths set 4000'
Tubing	2 3/8	CW	4.7#	X		0	4000	0	
Liners									Perforations: est. depth
									Top 3200 Bottom 5300

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 2-8-83.
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.

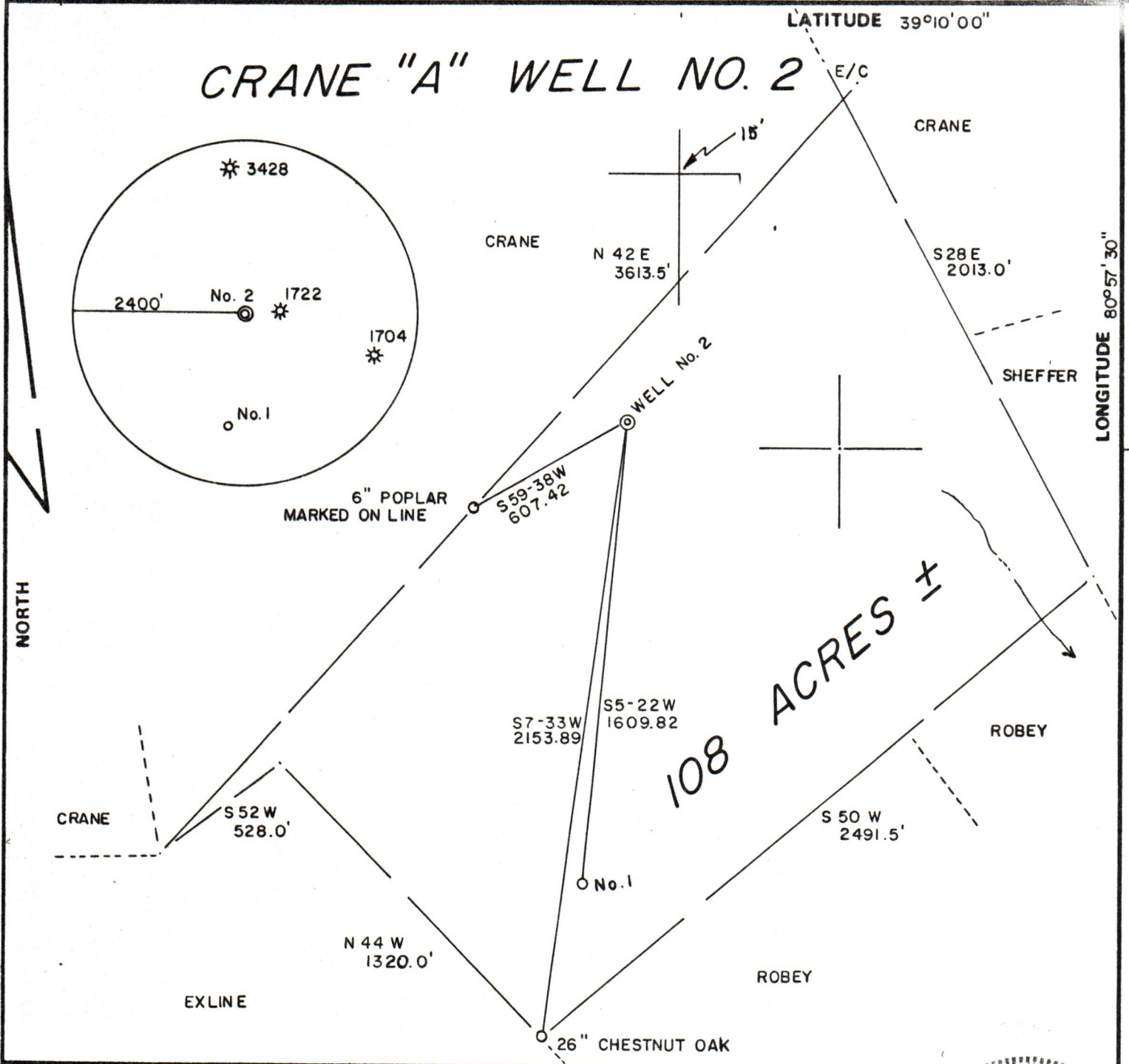
Date: _____, 19 _____

By _____
Its _____

08/18/2023

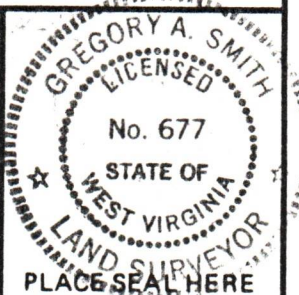
M.D. 6/3/82

3930'



FILE NO. 6-55
 DRAWING NO. _____
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1/200
 PROVEN SOURCE OF ELEVATION TOP OF KNOB
ELEV. 1275'

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 MAY 26, 19 82
 OPERATOR'S WELL NO. 2
 API WELL NO. _____
47 - 085 - 5681
 STATE COUNTY PERMIT

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

Cancelled

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION ___ STORAGE ___ DEEP ___ SHALLOW X
 LOCATION: ELEVATION 1022 WATER SHED WOLFPEN RUN
 DISTRICT UNION COUNTY RITCHIE
 QUADRANGLE PULLMAN 7.5'
 SURFACE OWNER WALTER C. CRANE ACREAGE 108
 OIL & GAS ROYALTY OWNER WALTER A. CRANE HEIRS LEASE ACREAGE 108 **08/18/2023**
 LEASE NO. _____
 PROPOSED WORK: DRILL X 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 ELK ESTIMATED DEPTH 5500'
 WELL OPERATOR RIMROCK PRODUCTION CORP. DESIGNATED AGENT ROBERT L. MURDOCK
 ADDRESS 4424 "B" EMERSON AVENUE ADDRESS 4424 "B" EMERSON AVENUE
PARKERSBURG, W.V. 26101 PARKERSBURG, W.V. 26101


LONGITUDE 80°57'30"


6200'

RIT-5681

ATTACH OR PHOTOCOOPY SECTION OF INVOLVED TOPOGRAPHIC MAP. QUADRANGLE PULLMAN 7.5'

LEGEND

Well Site 



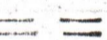

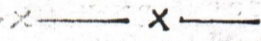

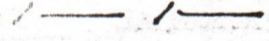



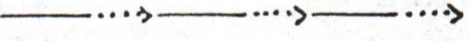
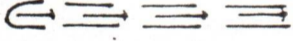
Access Road 

Attached.

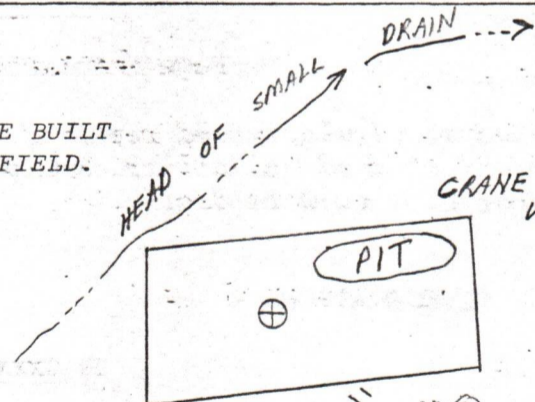
WELL SITE PLAN

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

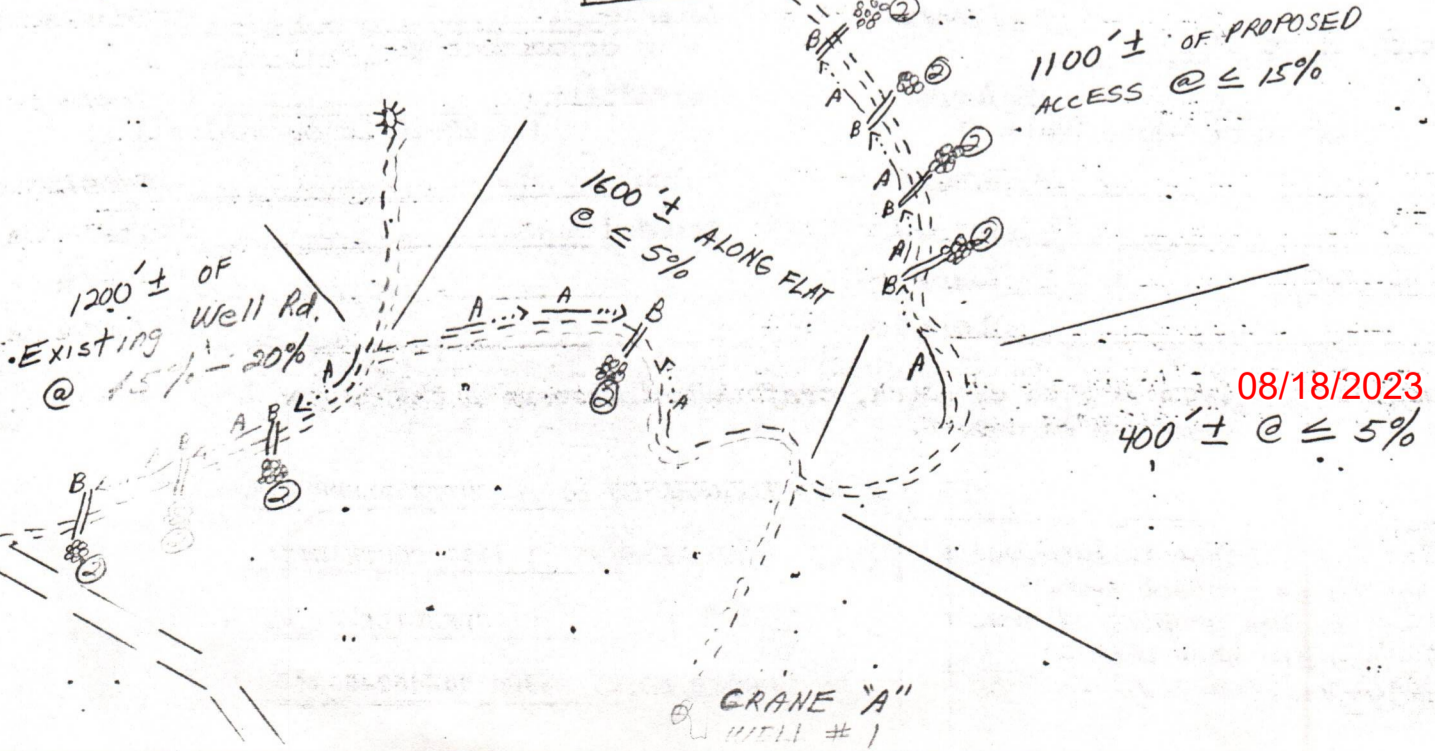
Property boundary 	Diversion 
Road 	Spring 
Existing fence 	Wet spot 
Planned fence 	Building 
Stream 	Drain pipe 
Open ditch 	Waterway 

NOTE: WELL LOCATION TO BE BUILT ON FLAT ABOVE OLD FIELD.



CRANE "A" WELL #2

NOTE: LOCATION HAS BEEN APPROVED BY LANDOWNER.





DATE MAY 28 1982

WELL NO. CRANE "A" NO. 2

State of West Virginia API NO. 47-085-5681

Department of Mines
Oil and Gas Division

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME RIMROCK PRODUCTION CORP.

DESIGNATED AGENT ROBERT L. MURDOCK

Address 4424B EMERSON AVE. PARKERSBURG, W.V. 26101 Address 4424B EMERSON AVE. PARKERSBURG, W.V.

Telephone 304-428-1520

Telephone 304-428-1520

LANDOWNER WALTER C. CRANE

SOIL CONS. DISTRICT LITTLE KANAWHA

Revegetation to be carried out by RIMROCK PRODUCTION CORP. (Agent)

This plan has been reviewed by Little Kanawha SCD. All corrections and additions become a part of this plan: 5-29-82 (Date)

Jarrett Newton
(SCD Agent)

ACCESS ROAD

Structure DRAINAGE DITCH

Spacing N/A

Page Ref. Manual I:9

Structure CROSS DRAIN

Spacing 150' FOR SECTIONS @ 15%

Page Ref. Manual I:4

Structure _____

Spacing _____

Page Ref. Manual _____

LOCATION

(A) Structure DIVERSION DITCH (1)

Material EARTHEN

Page Ref. Manual I:11

(B) Structure SEDIMENT BARRIER (2)

Material BRUSH OR LOGS

Page Ref. Manual I:15

(C) Structure _____

Material _____

Page Ref. Manual _____

RECEIVED

JUN 2 - 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 & II

Lime _____ Tons/acre
or correct to pH 6.5

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

Mulch 2 Tons/acre

Seed* 35 lbs/acre

TALL FESCUE 10 lbs/acre

_____ lbs/acre

~~Treatment Area XXX~~

Lime _____ Tons/acre
or correct to pH _____

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

Mulch _____ Tons/acre

Seed* _____ lbs/acre

_____ lbs/acre

_____ lbs/acre

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

08/18/2023

PLAN PREPARED BY SMITH LAND SURVEYING

ADDRESS 111 SOUTH STREET

GLENVILLE W.V. 26351

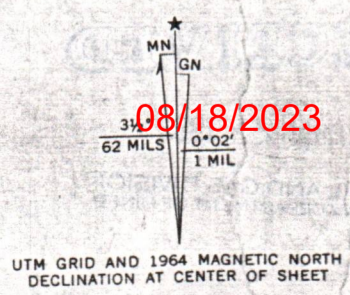
PHONE NO. 304-462-5634

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



(SMITHVILLE)
4762 II SE

Mapped, edited, and published by the Geological Survey
 Control by USGS and USC&GS
 Topography by photogrammetric methods from aerial photographs
 taken 1962. Field checked 1964
 Polyconic projection. 1927 North American datum
 10,000-foot grid based on West Virginia coordinate system, north zone
 1000-meter Universal Transverse Mercator grid ticks,
 zone 17, shown in blue
 Fine red dashed lines indicate selected fence and field lines where
 generally visible on aerial photographs. This information is unchecked



UTM GRID AND 1964 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

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JUN 2 - 1982

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

08/18/2023

STATE OF WEST VIRGINIA

OFFICE OF OIL AND GAS

NOTICE OF EXPIRED PERMIT

Permit number: 47- 85-5681
Company: RIMROCK PROD COMPANY
Date: 27-Nov-84
Date issued: 6/08/82

County: RITCHIE
Farm: WALTER CRANE HEIRS #2
Well no.:
Date expired: / / 0

I have inspected the above wellsite and found no well work done. Please cancel this well work permit.

Signed: *Samuel N. Hersman*

Date: *1-11-85*

RECEIVED
NOV 17 1984
OIL & GAS DIVISION
DEPT. OF MINES

08/18/2023



State of West Virginia

BARTON B. LAY, JR.
DEPUTY DIRECTOR

Department of Mines
Oil and Gas Division
Charleston 25305
January 23, 1985

THEODORE M. STREIT
ADMINISTRATOR

Rimrock Production Corporation
4424-A Emerson Avenue
Parkersburg, WVa. 26101
Attn: Robert Murdock;

In Re: Permit No: 085-5681
Farm: Walter A. Crane Heirs
Well No: Two
District: Union
County: Ritchie
Issued: 6/8/82

Gentlemen:

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

XXXXXX The well designated by the above captioned permit number has been released under your Blanket Bond. (PERMIT CANCELLED - NEVER DRILLED)

Please return the enclosed cancelled single bond which covered the well designated by the above permit number to the surety company who 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 22, Article 4, Section 2, the above captioned well will remain under bond coverage for life of the well.

Very truly yours,

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

TMS/ chm

08/18/2023