

(Revised 3-81)

RECEIVED



Well NO. 1
Farm C. W. Crane
API # 47-085-5781
Date _____

JUL 20 1982

STATE OF WEST VIRGINIA

OFFICE OF OIL AND GAS - DEPARTMENT OF MINES

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

OIL AND GAS WELL PERMIT APPLICATION

WELL TYPE: Oil ___ / Gas X /

(If "Gas", Production X / Underground storage ___ / Deep ___ / Shallow X /

LOCATION: Elevation: 1029 Watershed: Wolfe Pen Run
District: Union County: Ritchie Quadrangle: Pullman 7.5'

WELL OPERATOR Shelley Energy, Inc.
Address 929 LaFayette Road
Bryn Mawr, Pa. 19010

DESIGNATED AGENT E. C. Curry, Jr.
Address P. O. Box 447
Pullman, W. V. 26421

OIL AND GAS

ROYALTY OWNER C. W. Crane, et.al.
Address 212 E. Pierpoint
Harrisville, W. V.
Acreage 74

COAL OPERATOR None
Address _____

SURFACE OWNER C. W. Crane, et.al.
Address 212 E. Pierpoint
Harrisville, W. V.
Acreage _____

COAL OWNER(S) WITH DECLARATION ON RECORD:
NAME _____
Address _____
NAME _____
Address _____

FIELD SALE (IF MADE) TO:
NAME _____
Address _____

COAL LESSEE WITH DECLARATION ON RECORD:
NAME _____
Address _____

OIL AND GAS INSPECTOR TO BE NOTIFIED:

NAME _____
Address Samuel N. Hersman
P.O. Box 66
Smithville, W.Va. 26178
Telept PH: 477-3597

The undersigned well operator is entitled to operate for oil or gas purposes at the above location under a deed ___ / lease ___ / other contract X / dated _____, 19___, to the undersigned well operator from PENN RESOURCES CORP.

(If said deed, lease, or other contract has been recorded:)

Recorded on _____, 19___, in the office of the Clerk of County Commission of _____ County, West Virginia, in _____ Book at page _____. 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 §22-4-3 must be filed with the Department of Mines within fifteen (15) days after receipt of this Application by the Dept. 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 lessees on or before the day of the mailing or delivery of this Application to the Department of Mines at Charleston, West Virginia.

08/18/2023

PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO:

WEST VIRGINIA OIL AND GAS CONSERVATION COMMISSION
1613 WASHINGTON ST., E.
CHARLESTON, WV 25311
Telephone - 304/348-3092

SHELLEY ENERGY INC
Well Operator
By: Sheldon M. Bendit
SHELDON M. BENDIT
Its: PRESIDENT

BLANKET BOND

(Revised 3-81)

PROPOSED WORK ORDER

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

DRILLING CONTRACTOR (IF KNOWN) _____

Address _____

GEOLOGICAL TARGET FORMATION

Estimated depth of completed well 5250 feet. Rotary / Cable tools /
Approximate water strata depths: Fresh, 90 feet; salt, None feet.
Approximate coal seam depths: N/A
Is coal being mined in this area: Yes / No /

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 Drilling	Left in Well		
Conductor	11 3/4			X		20'			Kinds
Fresh water	8 5/8			X		1130'	1130'	To fill as	required
Coal									Sizes
Intermed.									
Production	4 1/2			X			5250	400 SKS. or	Depths set g
Tubing								by Rule	15.01
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 3-29-83

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. 08/18/2023

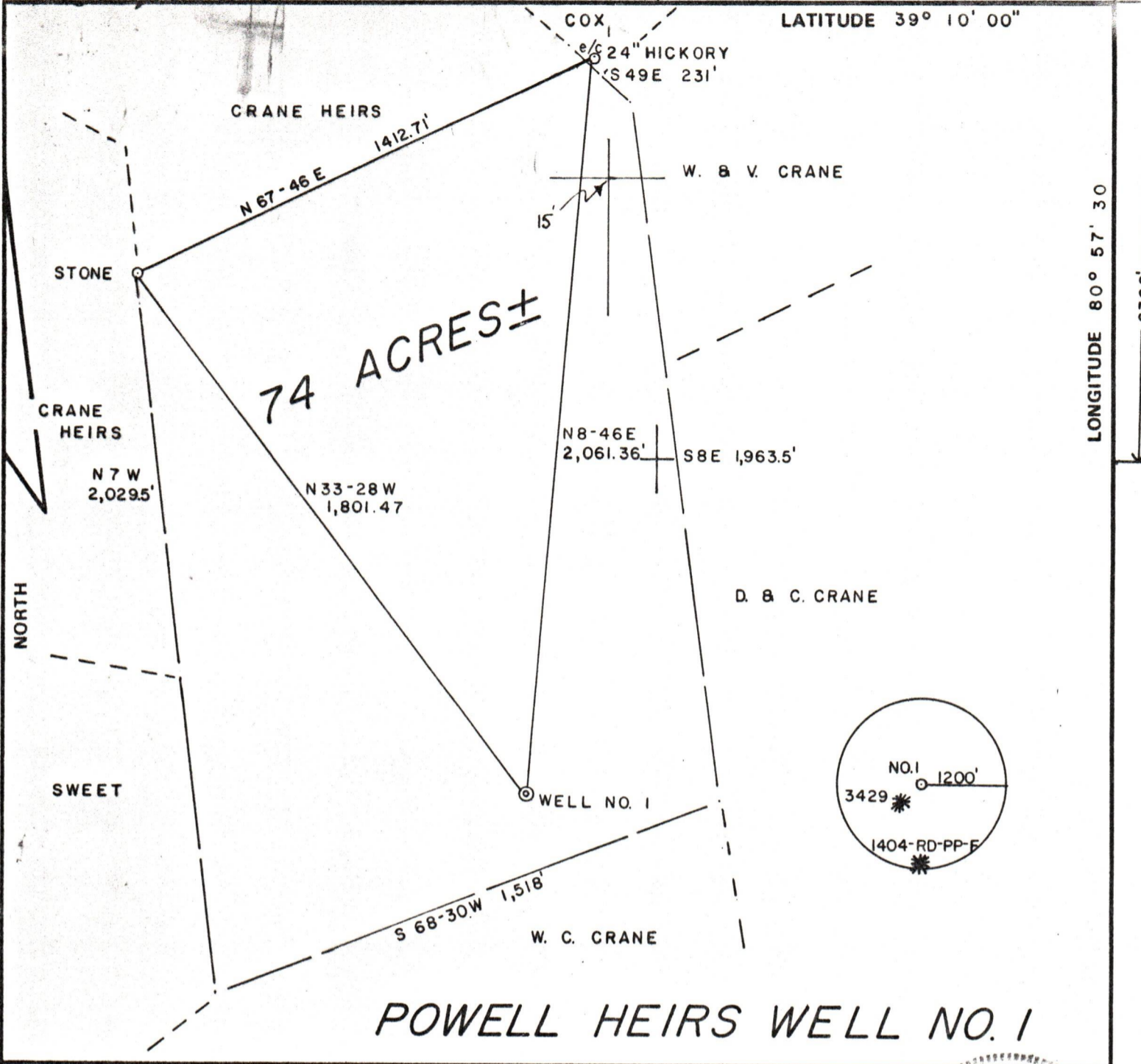
Date: _____, 19____.

By: _____

Its: _____

W.D. 7/28/82

6400'

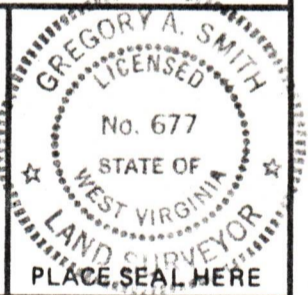


LONGITUDE 80° 57' 30"

POWELL HEIRS WELL NO. 1

FILE NO. 6-19
 DRAWING NO. _____
 SCALE 1" = 400'
 MINIMUM DEGREE OF ACCURACY 1/200
 PROVEN SOURCE OF ELEVATION TOP OF KNOB
ELEV. 1256'

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)
 WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF "GAS,") PRODUCTION STORAGE DEEP SHALLOW
 LOCATION: ELEVATION 1029' WATER SHED WOLFE PEN RUN
 DISTRICT UNION COUNTY RITCHIE
 QUADRANGLE PULLMAN 7.5'
 SURFACE OWNER C. W. CRANE, et al. ACREAGE 74
 OIL & GAS ROYALTY OWNER C. W. CRANE, et al. LEASE ACREAGE 74
 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 CI FAN OUT AND REPLUG
 TARGET FORMATION MARCELLUS ESTIMATED DEPTH 5250'
 WELL OPERATOR SHELLEY ENERGY INC. DESIGNATED AGENT E.C. CURRY, JR.
 ADDRESS 929 LAFAYETTE ROAD ADDRESS P.O. BOX 447
BRYN MAWR, PA. 19010 PULLMAN, W.V. 26421

STATE OF WEST VIRGINIA DEPARTMENT OF MINES OIL AND GAS DIVISION
 DATE APRIL 2, 1982
 OPERATOR'S WELL NO. 1
 API WELL NO. 47-085-5781
 STATE COUNTY PERMIT
 RECEIVED
 OIL AND GAS DIVISION WV DEPARTMENT OF MINES
 08/18/2023

RIT-5781

ATTACH OR PHOTOCOPIED SECTION OF INVOLVED TOPOGRAPHIC MAP. QUADRANGLE Pullman 7.5

LEGEND

Well Site ⊕

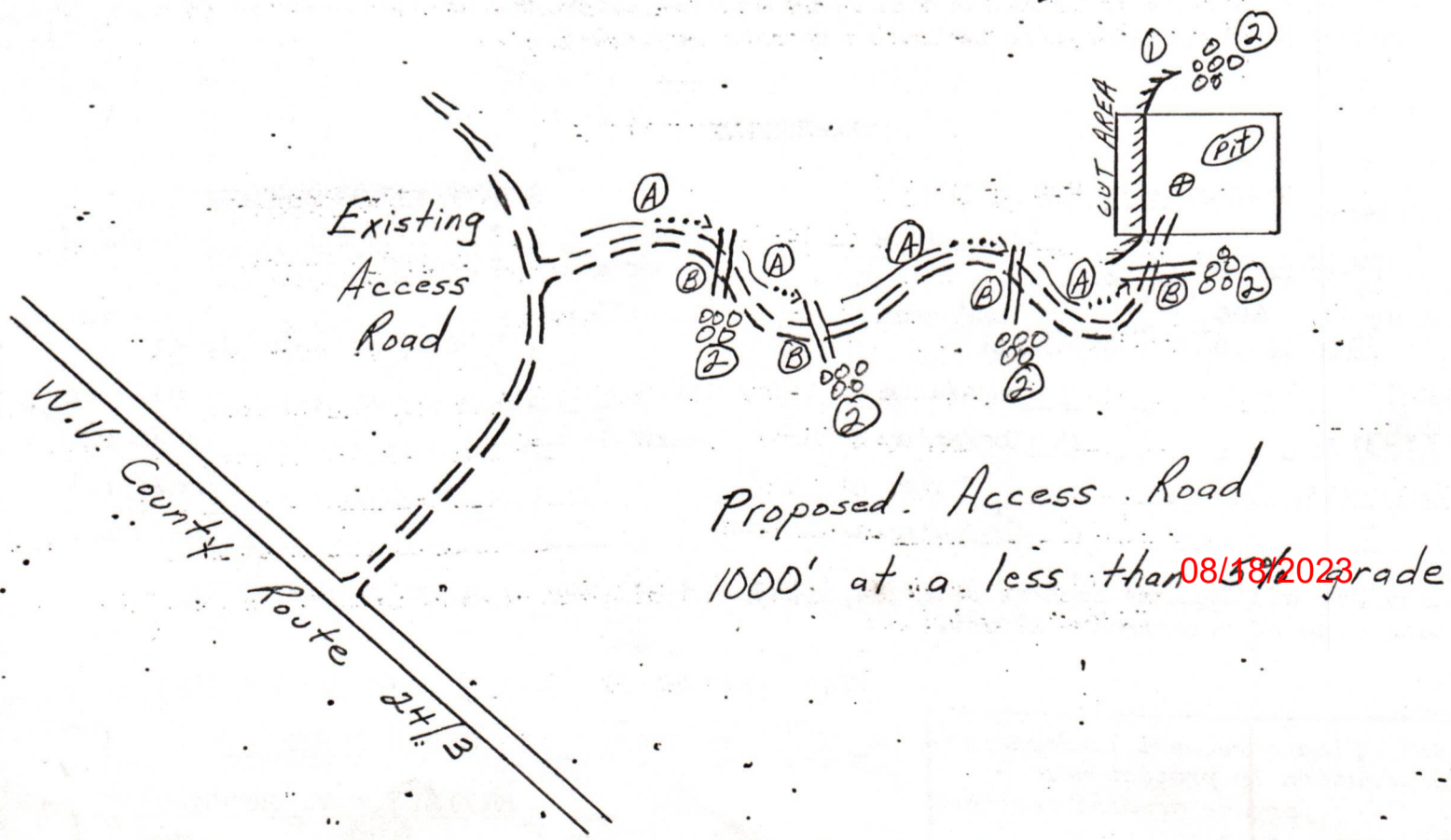
Access Road ———

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 —	Wet spot ☼
Planned fence — / — / —	Building ■
Stream ~ ~ ~ ~ ~	Drain pipe ○ — ○ — ○ —
Open ditch — > — > — > —	Waterway < = = = =



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v 8-81)

DATE 23 June 1982

WELL NO. 1

API NO. 47-085-5781

RECEIVED

State of West Virginia
Department of Mines
Oil and Gas Division

JUL 20 1982

OIL AND GAS DIVISION CONSTRUCTION AND RECLAMATION PLAN
WV DEPARTMENT OF MINES

COMPANY NAME Shelley Energy, Inc.

DESIGNATED AGENT E. C. Curry, Jr.

Address 929 LaFayette Road

Address P.O. Box 447

Telephone 659-2823

Telephone 659-2823

OWNER C. W. Crane, et. al.

SOIL CONS. DISTRICT Little Kanawha

Revegetation to be carried out by Shelley Energy, Inc. (Agent)

This plan has been reviewed by Little Kanawha SCD. All corrections and additions become a part of this plan: 7-7-82 (Date)

Jarrett Newton
(SCD Agent)

ACCESS ROAD	LOCATION
Structure <u>Drainage Ditch</u>	(A) Structure <u>Diversion Ditch</u> (1)
Spacing <u>N/A.</u>	Material <u>Earthen</u>
Page Ref. Manual <u>2-12</u>	Page Ref. Manual <u>2-12</u>
Structure <u>Cross Drain</u>	(B) Structure <u>Sediment Barrier</u> (2)
Spacing <u>150'</u>	Material <u>Stone or logs</u>
Page Ref. Manual <u>2-1</u>	Page Ref. Manual <u>2-16</u>
Structure _____	(C) Structure _____ (3)
Spacing _____	Material _____
Page Ref. Manual _____	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 & II	XXXXXXXXXXXXXXXXXXXX
Lime _____ Tons/acre or correct to pH <u>6.5</u>	Lime _____ Tons/acre or correct to pH _____
Fertilizer <u>600</u> lbs/acre (10-20-20 or equivalent)	Fertilizer _____ lbs/acre (10-20-20 or equivalent)
Hay <u>2</u> Tons/acre	Mulch _____ Tons/acre
KY-31 <u>35</u> lbs/acre	Seed _____ lbs/acre
Crownvetch <u>10</u> lbs/acre	_____ lbs/acre
_____ lbs/acre	_____ lbs/acre

08/18/2023

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

PLAN PREPARED BY SMITH LAND SURVEYING

ADDRESS 111 SOUTH STREET

GLENVILLE W.V. 26351

PHONE NO. 462-5634

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

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JUL 20 1982

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

240 000
FEET

39° 07' 30"
81° 00'

(SMITHVILLE)
4702 II SE

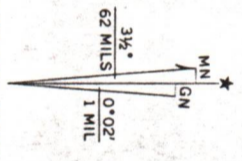


Mapped, edited, and published by the Geological Survey
Control by USGS and USC&GS

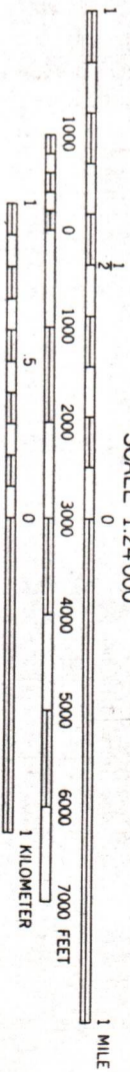
Topography by photogrammetric methods from aerial photographs
taken 1962. Field checked 1964

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



CONTOUR INTERVAL 20 FEET
DATUM IS MEAN SEA LEVEL

08/18/2023

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS



State of West Virginia

Department of Mines

Oil and Gas Division

Charleston 25305

TO: ALL OPERATORS

DATE: June 22, 1982

FROM: Thomas E. Huzar, Administrator

RE: House Bill 1254 - Permits Not to be Issued on Flat Well Royalty Leases

In an effort to implement HB-1254 an affidavit was mailed to each operator previously. Upon review it is found this affidavit is inappropriate and not entirely necessary. The application form will be revised to include the following statement:

Yes ___ / No X / The right to extract, produce or market the oil or gas is based upon a lease or leases 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 and gas so extracted, produced or marketed.

You should answer this question without the use of the form until the applications have been revised.

If the answer is "yes" to the question, then you must provide with the application an affidavit which certifies that the affiant is authorized by the owner of the working interest in the well to state that it shall tender to the owner of the oil or gas in place not less than one-eighth of the total amount paid to or received 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 and gas in place, on all such oil or gas to be extracted, produced or marketed from the well. (See West Virginia Code 22-4-11(e).)

Attached is an affidavit form you may use, but it is necessary only in the event that you would answer "yes". If the answer is "no", please include a statement to that effect.

Please Return Permit
To. E.C. CURRY JR.

Thanks

Any additional information needed contact
Greg Smith at 462-5634.

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JUL 20 1982

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

Thank You
Greg Smith



08/18/2023



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

July 20, 1982

TO: Shelly Energy, Inc.

FROM: Oil & Gas Division

RE: Permits being held in lieu of Affidavit
 County Ritchie Farm Weaver Well no. 1 (FRAC. G85-5437)
Ritchie C. W. Crane 1

Gentlemen:

The above captioned permits are being held until we receive the affidavit for flat well royalty leases. If this does not apply, please mark NO and return.

This House Bill 1254, went into effect June 11, 1982.

New applications (IV-2's) are in the process of being printed which will alleviate these affidavits.

Please return the letters or affidavits immediately so your permit or permits can be processed. Also, please return this form letter with your affidavit.

Sincerely,

Mike Lewis

Mike Lewis
 Draftsman, Office of Oil and Gas

ML./mmy

RT-5781

DEAR MR. LEWIS

The above leases each carry a 1/8th royalty (12.5%) These royalties have been paid since 1971 when the first wells were drilled on these leases

SHELLY ENERGY INC
 SHELDON M. BENNETT PRES

08/18/2023

STATE OF WEST VIRGINIA

OFFICE OF OIL AND GAS

NOTICE OF EXPIRED PERMIT

Permit number: 47-85-5781
Company: SHELLY ENERGY INC
Date: 27-Nov-84
Date issued: 7/29/82

County: RITCHIE
Farm: C W CRANE
Well no.:
Date expired: / / 0

#1

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NOV 29 1984
OIL & GAS DIVISION
DEPT. OF MINES

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

Signed: Samuel M. Hersman

Date: 1-11-85

08/18/2023



State of West Virginia

Department of Mines
Oil and Gas Division

Charleston 25305
January 23, 1985

THEODORE M. STREIT
ADMINISTRATOR

BARTON B. LAY, JR.
DEPUTY DIRECTOR

Shelley Energy, Inc.
929 Lafayette Road
Bryn Mawr, Pa. 19010

In Re: Permit No: 085-5781

Farm: C. W. Crane etal.

Well No: One

District: Union

County: Ritchie

Issued: 7/29/82

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 XXXXXX 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