

OIL AND GAS WELL PERMIT APPLICATION

Date: March 20, 1981

WELL TYPE: Oil x / Gas /
(If "Gas", Production / Underground storage / Deep / Shallow /

API NO. 47 : - 087 / 2678-DD
State County Permit

LOCATION: Elevation: 919.' Watershed: Right Fork of Big Sandy

District: Geary County: Roane Quadrangle: Newton 7.5'

WELL OPERATOR PENNZOIL COMPANY COAL OPERATOR NO COAL

Address P.O. Box 1588 Address

Parkersburg, WV 26101

OIL & GAS ROYALTY OWNER Aimee C. Nixon Name

Address Gettysburg National Bank Address

Gettysburg, PA 17325

Acreage 400

SURFACE OWNER SAME Name

Address Address

Well NO. 6 Acreage 400

FIELD SALE (IF MADE) TO:

Name Name Richard Morris

Address Grantsville, WV
Street

DESIGNATED AGENT James A. Crews City Zip

Address P.O. Box 1588, Parkersburg, WV 26101 PH:

BEFORE CONSTRUCTION BEGINS NOTIFY DISTRICT OIL AND GAS INSPECTOR:

Name Richard Morris
Grantsville, WV
Street

City Zip

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MAR 24 1981
OIL & GAS DIVISION
DEPT. OF MINE

The undersigned well operator is entitled to operate for oil or gas purposes at the above location under a deed / lease X / other contract / dated April 22, 1921, to the

undersigned well operator from Kate Nixon
(If said deed, lease or other contract has been recorded:)

Recorded on , 19 , in the office of the Clerk of the County Commission of Roane County, West Virginia, in Lease Book 37, at page 133. A permit is requested as follows:

PROPOSED WORK: Drill / Drill Deeper X / 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 an 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 Department of Mines. 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 Permit Application to the Department of Mines at Charleston, West Virginia.

PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO: OFFICE OF OIL AND GAS 1615 Washington Street, East Charleston, West Virginia 25311

BLANKET BOND

PENNZOIL COMPANY Well Operator

By: Curtis A. Lucas

PROPOSED WORK ORDER

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

DRIILLING CONTRACTOR (IF KNOWN) Hank Pence

Address

GEOLOGICAL TARGET FORMATION, Squaw

Estimated depth of completed well, 1867' feet Rotary / Cable tools X /

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

Approximate coal seam depths: Is coal being mined in the area? Yes / No /

CASING AND TUBING PROGRAM

Table with columns: CASING OR TUBING TYPE, SPECIFICATIONS (Size, Grade, Weight per ft, New, Used), FOOTAGE INTERVALS (For drilling, Left in well), CEMENT FILL-UP OR SACKS (Cubic feet), PACKERS (Kinds, Sizes, Depths set, 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, of the W. Va. Code, the location is hereby approved for deepening. This permit shall expire if operations have not commenced by 11-30-81.

Signature of Deputy Director - Oil & Gas Division

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



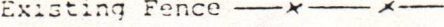



The undersigned coal operator / owner / lessee of the coal under this well location has examined this proposed well location. If a mine map exists which covers the area of the well location, the well location has been added to the mine map. The undersigned has no objection to the work proposed to be done at this location, provided, the well operator has complied with all applicable requirements of the West Virginia Code and the governing regulations.

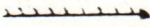




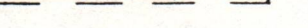
09/15/2023

Date: , 19

By Its

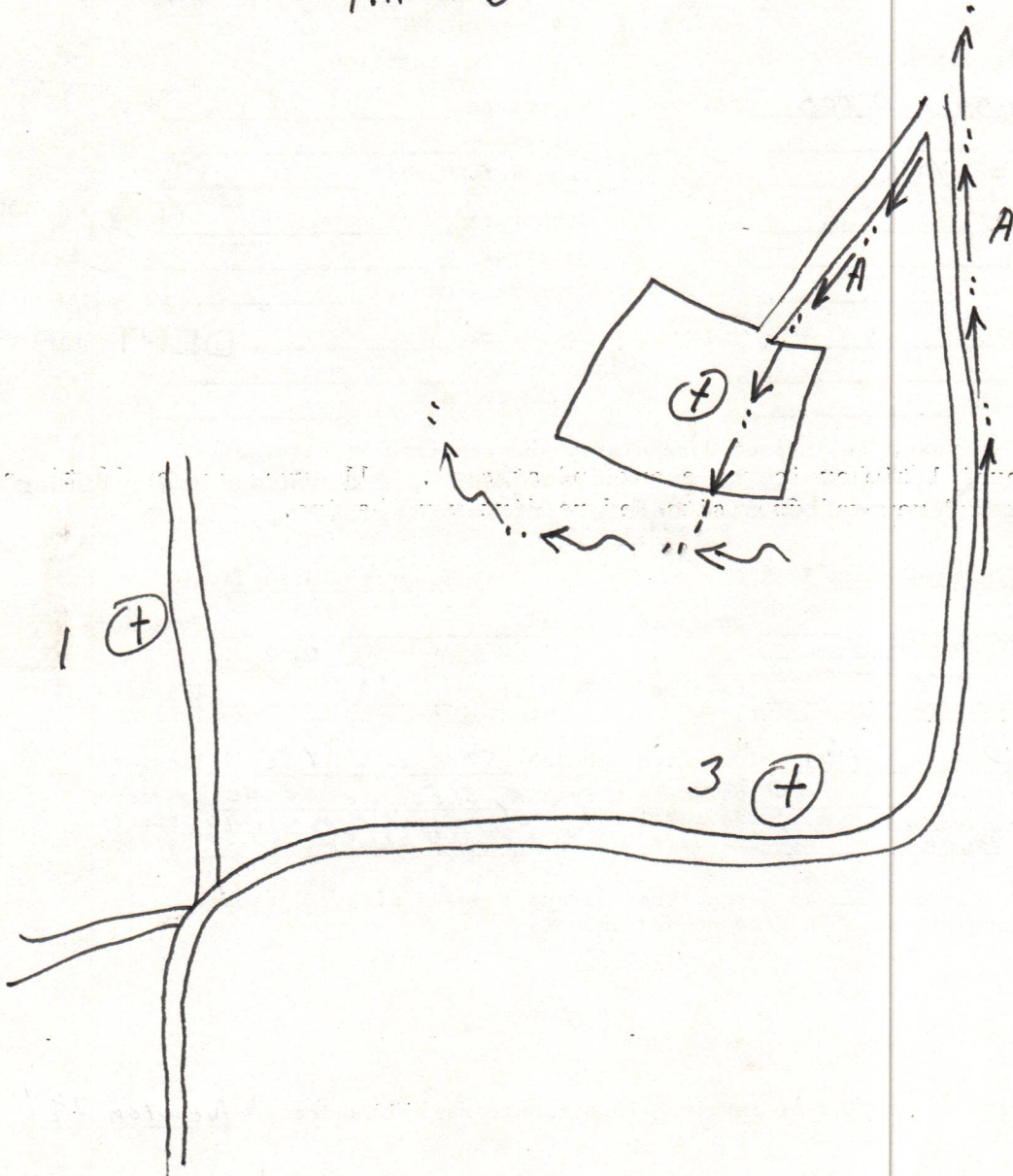
Well Site Plan

Legend: Property Boundry 
 Road 
 Existing Fence 
 Planned Fence 
 Stream 
 Open Ditch 

Diversion 
 Spring 
 Wet Spot 
 Building 
 Drain Pipe 
 Waterway 

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

Nixon 6



Comments: All surface equipment will be removed or replaced. All disturbed areas will be ~~maintained~~ revegetated.
All ditches and structures will be maintained.

Signature: Quentin G. Lucas Parkersburg, W.V.
 Agent Address

422-6565
 Phone Number
 09/15/2023

Please request landowners cooperation to protect new seeding for one growing season.

Date Feb 24 1981
Well No. Kate Nixon G
API No. 47 - 087 - 2678 - DD
State County Permit

STATE OF WEST VIRGINIA
OFFICE OF OIL AND GAS

Company Name PENNZOIL COMPANY Designated Agent Curtis A. Lucas
Address PARKERSBURG, W.V. Address Parkersburg, W.V.
Telephone 422-6565 Telephone 422-6565
Landowner Thomas Nixon Soil Cons. District Little Kanawha
Revegetation to be carried out by Hall's Reclamation, Inc (Agent)
This plan has been reviewed by Little Kanawha SCD. All corrections
and additions become a part of this plan. 3-6-81 Jarrett Newlon
(Date) (SCD Agent)

Access Road
Structure Drainage Ditch (A)
Spacing _____
Page Ref. Manual 1-11
Structure _____ (B)
Spacing _____
Page Ref. Manual _____
Structure _____ (C)
Spacing _____
Page Ref. Manual _____

Location
Structure _____
Material _____
Page Ref. Manual _____
Structure _____
Material _____
Page Ref. Manual _____
Structure _____
Material _____
Page Ref. Manual _____

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DEPT. OF MINES

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

Revegetation

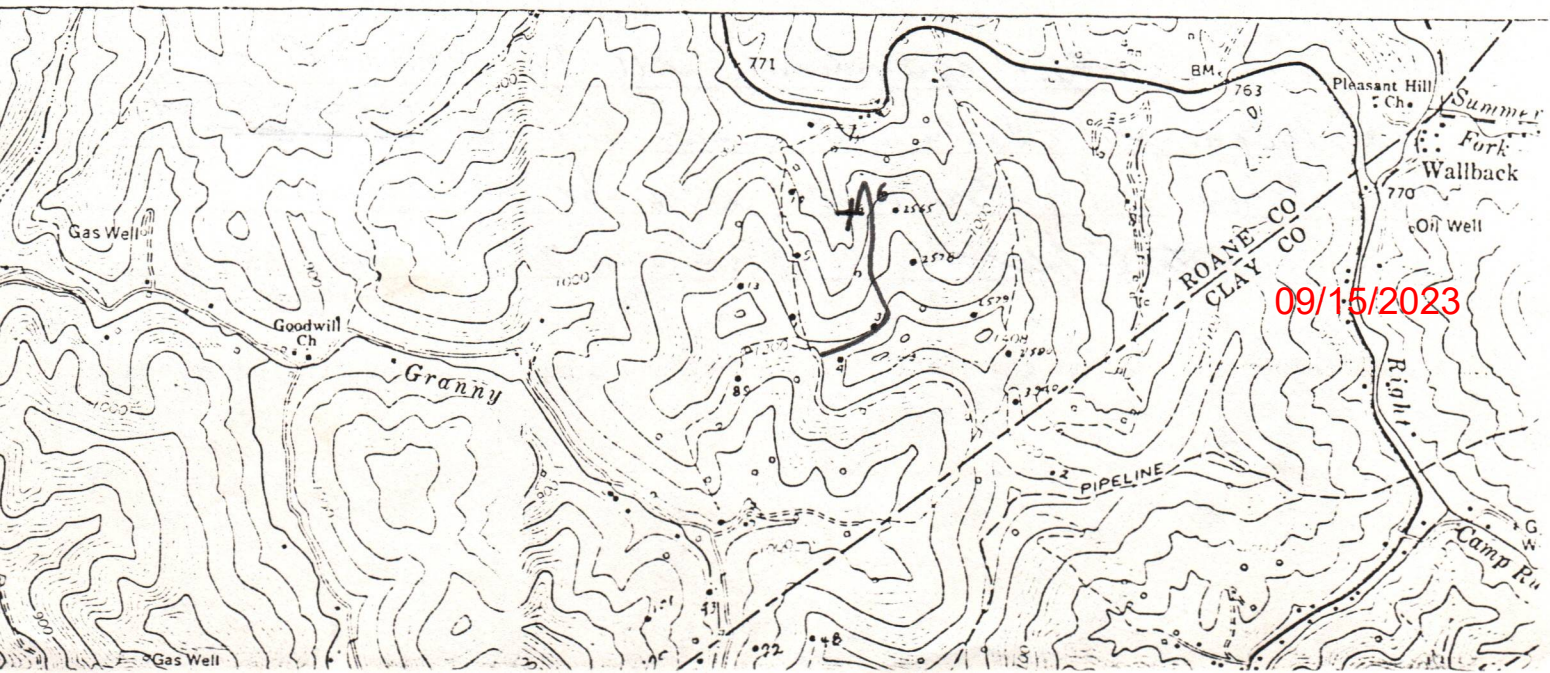
Treatment Area I
Lime _____ Tons/acre
or correct to pH 6.5
Fertilizer 450 lbs/acre
(10-20-20 or equivalent)
Mulch Straw 1 1/2 Tons/Acre
Seed* Ky 31 Fescue 40 lbs/acre
Perennial Ryegrass 40 lbs/acre
Alsike Clover 15 lbs/acre

Treatment Area II
Lime _____ Tons/Acre
or correct to pH 6.5
Fertilizer 450 lbs/acre
(10-20-20 or equivalent)
Mulch Straw 1 1/2 Tons/Acre
Seed* Ky 31 Fescue 40 lbs/acre
Perennial Ryegrass 40 lbs/acre
Alsike Clover 15 lbs/acre

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

Attach or photocopy section of involved Topographic map. Quadrangle Newton 7 1/2

Legend:  Well Site
 Access Road



702-2678

SOUTH PENN OIL COMPANY—COMPLETION

SERIAL NO. _____ FARM Kate H. Nixon WELL No. 6
 ELEVATION 912 N _____ S. 60 E. _____ W. 32
 LEASE NO. 77991 ACRES 400 1/2
 WATERS OF Big Sandy Creek COUNTY Roane STATE W. Va.
 DISTRICT Geary DRILLING COMMENCED 1/28/29 COMPLETED 3/1/29 DEPTH 1827'

SANDS	TOP	BOTTOM	ELEV. TOP	CASING
PACKERS Big LIME	1670	1778	6	8 1/2" 492'
Gas	1778	1730		5/8" 1685'
Big Injun	1778	1814		
Oil	1787	1807		

PACKERS AND DEPTH SET

INITIAL PROB. Est. 20 bbl. after shot SAND Big Injun DEPTH 1787-1807
 GAS TEST Ins. to test " Big LIME " 1730
 SHOT _____ QUARTS _____
 REMARKS NOT SHOT

REPORTED BY charleston district ABANDONED _____
 F. O. 534-5M-10-21

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OIL & GAS DIVISION
 DEPT. OF MINES

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

12/2/81 Fractured: w/250 gls. 15% HCL, 535 Bbls. 1% KCL
24,400# 20/40 sd

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
					Including indication of all fresh and salt water, coal, oil and gas
Original Total Depth				1807	
Shale			1812	1846	
Squaw			1846	1864	
Shale			1864	1892	
Total Depth				1892	

(Attach separate sheets as necessary)

Pennzoil Company
Well Operator

By: Curtis A. Leman 09/15/2023
Date: 8-16-84

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."

IV-35
(Rev 8-81)



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AUG 20 1984

OIL & GAS DIVISION
DEPT. OF MINES

State of West Virginia
Department of Mines
Oil and Gas Division

Date August 16, 1984
Operator's Well No. 6
Farm Kate Nixon
API No. 47 - 087 - 2678-DD

WELL OPERATOR'S REPORT
OF

DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

WELL TYPE: Oil X / Gas ___ / Liquid Injection ___ / Waste Disposal ___ /
(If "Gas," Production ___ / Underground Storage ___ / Deep ___ / Shallow ___ /)

LOCATION: Elevation: 919 Watershed Right Fork of Big Sandy
District: Geary County Roane Quadrangle Newton 7.5'

COMPANY Pennzoil Company
ADDRESS P.O. Box 1588, Parkersburg, WV 26101
DESIGNATED AGENT James A. Crews
ADDRESS P.O. Box 1588, Parkersburg, WV 26101
SURFACE OWNER Aimee C. Nixon
ADDRESS 1165 Fairview Drive, York, Pa. 17403
MINERAL RIGHTS OWNER Same as Above
ADDRESS _____
OIL AND GAS INSPECTOR FOR THIS WORK Homer Dougherty ADDRESS Linden Rt., Box 3-A Looneyville, WV
PERMIT ISSUED 3-30-81
DRILLING COMMENCED 11-8-81
DRILLING COMPLETED 12-08-81

Casing & Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft.
Size 20-16 Cond.			
13-10"			
9 5/8			
8 5/8			
7			
5 1/2			
4 1/2	1845	1845	set packer
3			
2			
Liners used			

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

GEOLOGICAL TARGET FORMATION Squaw & Big Injun Depth 1800-1846 feet
Depth of completed well 1892 feet Rotary ___ / Cable Tools X
Water strata depth: Fresh ___ feet; Salt ___ feet
Coal seam depths: _____ Is coal being mined in the area? No

OPEN FLOW DATA
Producing formation Big Injun Pay zone depth 1800 feet
Gas: Initial open flow 2 Mcf/d Oil: Initial open flow 1/2 Bbl/d
Final open flow 2 Mcf/d Final open flow 1/2 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 1846 feet
Gas: Initial open flow 9 Mcf/d Oil: Initial open flow 3 Bbl/d
Final open flow 9 Mcf/d Oil: Final open flow 2 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)

Roane 2678-DD

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

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OCT 16 1985

INSPECTOR'S WELL REPORT

DIVISION OF OIL & GAS
DEPT. OF ENERGY

Permit No. 087-2678-D.D.

Oil or Gas Well _____
(KIND)

Company <u>Pennzoil Co.</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address <u>Parkersburg, W.VA.</u>	Size			
Farm <u>Aimee C. Nixon</u>	16			Kind of Packer _____
Well No. <u>#6</u>	13			
District <u>Geary</u> County <u>Boane</u>	10			Size of _____
Drilling commenced _____	8 1/4			
Drilling completed _____ Total depth _____	6 5/8			Depth set _____
Date shot _____ Depth of shot _____	5 3/16			
Initial open flow _____ /10ths Water in _____ Inch	3			Perf. top _____
Open flow after tubing _____ /10ths Merc. in _____ Inch	2			Perf. bottom _____
Volume _____ Cu. Ft.	Liners Used			Perf. top _____
Rock pressure _____ lbs. _____ hrs.				Perf. bottom _____
Oil _____ bbls., 1st 24 hrs.	CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____			
Fresh water _____ feet _____ feet	NAME OF SERVICE COMPANY _____			
Salt water _____ feet _____ feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names _____

Remarks: 10-10-85 - Checked Reclamation - ok. to release

10-10-85
DATE

Homer H. Doughty
00745/2023
DISTRICT WELL INSPECTOR



STATE OF WEST VIRGINIA
 DEPARTMENT OF ENERGY
 DIVISION OF OIL AND GAS
 1615 Washington Street, East
 Charleston, West Virginia 25311
 Telephone: 348-3500

ARCH A. MOORE, JR.
 Governor

October 24, 1985

Pennzoil Company
 Post Office Box 1588
 Parkersburg, West Virginia 26101

In Re: Permit No: 47-087-2678-DD
 Farm: Aimee Nixon
 Well NO: 6
 District: Geary
 County: Roane
 Issued: 3-30-81

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 XXXX bond coverage for life of the well.

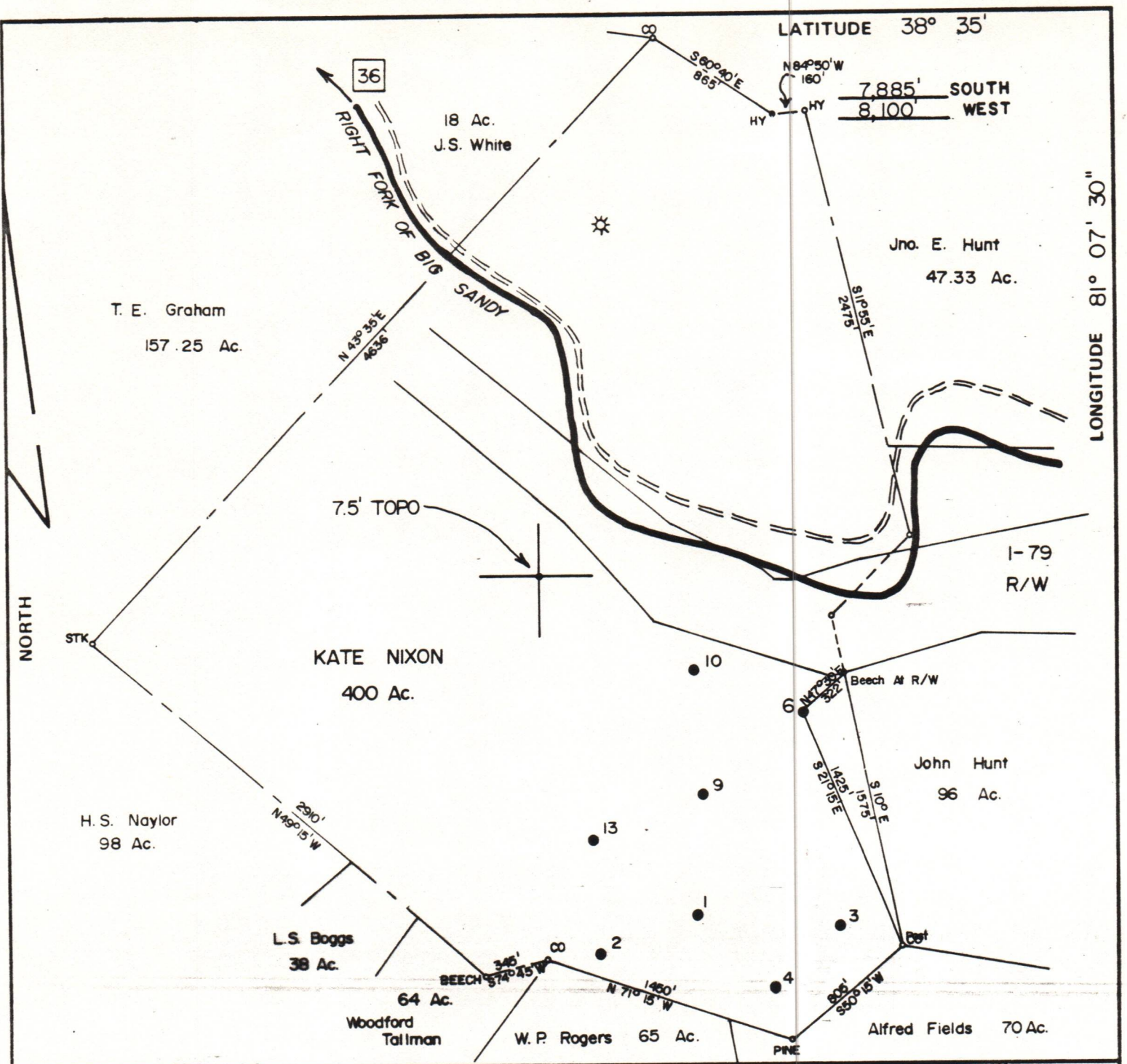
 PERMIT CANCELLED - NEVER DRILLED

Respectively,

Theodore M. Streit

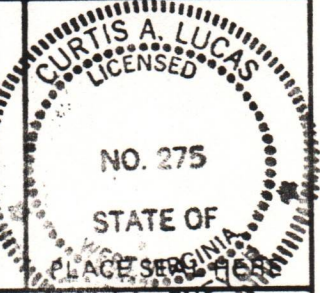
TMS/ nw

09/15/2023

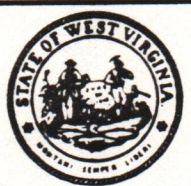


FILE NO. 1374
 MAP 83 SQSS60-61 W32
 SCALE 1" = 800'
 MINIMUM DEGREE OF ACCURACY 1 in 200
 PROVEN SOURCE OF ELEVATION Pennzoil Company
Records

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



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



STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

DATE March 16
 FARM KATE NIXON NO. 6
 API WELL NO. 47-087-2678-DD
 STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF "GAS,") PRODUCTION STORAGE DEEP SHALLOW
 LOCATION: ELEVATION 919' WATER SHED Rt. Fork of Big Sandy
 DISTRICT Geary COUNTY Roane
 QUADRANGLE Newton 7.5'
 SURFACE OWNER Aimee C. Nixon ACREAGE 400
 OIL & GAS ROYALTY OWNER Aimee C. Nixon LEASE ACREAGE 400
 LEASE NO. 77991-50
 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 Squaw ESTIMATED DEPTH 1867'
 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

09/15/2023