



Well No. Wilson-Morrison #1
Farm Wilson-Morrison
API # 47-073-1368
Date November 11, 1981

STATE OF WEST VIRGINIA
OFFICE OF OIL AND GAS - DEPARTMENT OF MINES

OIL AND GAS WELL PERMIT APPLICATION

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

LOCATION: Elevation: 650' Watershed: NONE
District: Grant County: Pleasants Quadrangle: Belmont

WELL OPERATOR Shafer Oil & Gas, Inc.
Address P.O. Box 154 St. Marys, WVa. 26170

DESIGNATED AGENT Ira W. Shafer
Address P.O. Box 154 St. Marys, WVa. 26170

OIL AND GAS ROYALTY OWNER Charles E. Wilson; James R. Morrison-----St. Marys, 26170

COAL OPERATOR NONE
Address _____

Acreage 8.7

SURFACE OWNER Charles E. Wilson
Address Belmont, West Virginia
Acreage 8.7

COAL OWNER(S) WITH DECLARATION ON RECORD:
NAME NONE
Address _____
NAME NONE
Address _____

FIELD SALE (IF MADE) TO:
NAME NONE
Address _____

COAL LESSEE WITH DECLARATION ON RECORD:
NAME NONE
Address _____

OIL AND GAS INSPECTOR TO BE NOTIFIED:
NAME NONE
Address _____
Telephone _____

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NOV 16 1981
OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

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 11/30, 1981, to the undersigned well operator from Charles E., and James R. Morrison

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

Recorded on November 6, 1981, in the office of the Clerk of County Commission of Pleasants County, West Virginia, in 169 Book at page 47. 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.

10/20/2023

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

BLANKET BOND

SHAFER OIL & GAS INC.
Well Operator
By: [Signature]
Its: [Signature] CONSULTANT

(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) F. W. A.

Address Elkview, West Virginia

(304) 965-3379

GEOLOGICAL TARGET FORMATION Alexander

Estimated depth of completed well 5700' feet. Rotary X / Cable tools /

Approximate water strata depths: Fresh, 100 feet; salt, 1200 feet.

Approximate coal seam depths: NONE

Is coal being mined in this area: Yes / No X /

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 7/8					20'	--		Kinds
Fresh water						950'	950'	To Surface	
Coal									Sizes
Intermed.									
Production Tubing							5700'	500sks. Pozmix 50/50	Depths set
Liners									Perforations:
									Top Bottom
									10% Salt 2% Gel

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 Drilling. This permit shall expire if operations have not commenced by 7-18-82.

[Signature]
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.

10/20/2023

Date: , 19 .

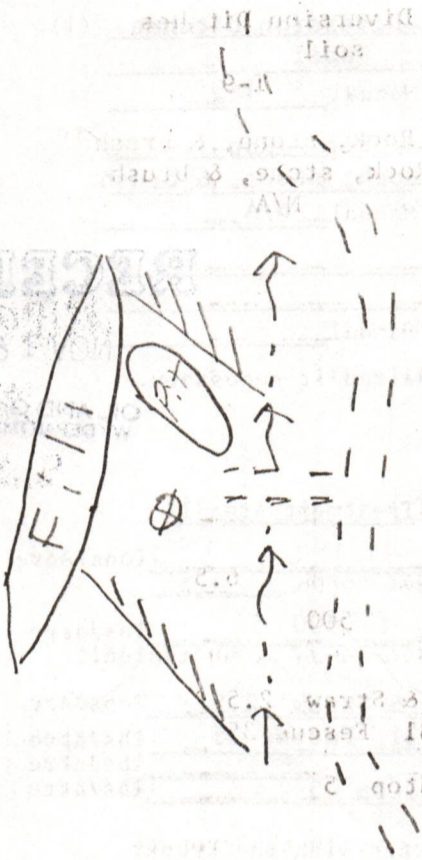
By:

Its:

Well Site Plan

- Legend:
- Property Boundary
 - Diversion
 - Road
 - Spring
 - Existing Fence
 - Wet Spot
 - Planned Fence
 - Building
 - Stream
 - Drain Pipe
 - Open Ditch
 - 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.



Comments:

Trees + Brush Piled on Site

Signature:

John Adair Agent P.O. Box 154 St. Marys 684-2213
Address. W Va. Phone Number

Please request landowners cooperation to protect new seeding for one growing season. 10/20/2023

STATE OF WEST VIRGINIA
OFFICE OF OIL AND GAS

Company Name Shafer Oil & Gas, Inc. Designated Agent Ira Shafer
Address P.O.Box 154, St. Marys, WV Address P.O.Box 154, St Marys, WV
Telephone 304-684-2212 Telephone 304-684-7566
Landowner Charles Wilson Soil Cons. District Upper Ohio

Revegetation to be carried out by L. & B. Oil Co. (Agent)

This plan has been reviewed by Upper Ohio SCD. All corrections
and additions become a part of this plan. 11/13/81 Denetha L. Mason
(Date) (SCD Agent)

Access Road		Location	
Structure <u>Existing</u> (A)		Structure <u>Diversion Ditches</u> (1)	
Spacing <u> </u>		Material <u>soil</u>	
Page Ref. Manual <u> </u>		Page Ref. Manual <u>I-9</u>	
Structure <u> </u> (B)		Structure <u>Rip - Rap</u>	
Spacing <u> </u>		Material <u>Rock, stone, & brush</u>	
Page Ref. Manual <u> </u>		Page Ref. Manual <u>N/A</u>	
Structure <u> </u> (C)		Structure <u> </u>	
Spacing <u> </u>		Material <u> </u>	
Page Ref. Manual <u> </u>		Page Ref. Manual <u> </u>	

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All structures should be inspected regularly and repaired if necessary.

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

Revegetation

<u>Treatment Area I</u>				<u>Treatment Area II</u>			
Lime <u> </u> Tons/acre		Lime <u> </u> Tons/Acre		Lime <u> </u> Tons/acre		Lime <u> </u> Tons/Acre	
or correct to pH <u>6.5</u>		or correct to pH <u>6.5</u>		or correct to pH <u>6.5</u>		or correct to pH <u>6.5</u>	
Fertilizer <u>500</u> lbs/acre		Fertilizer <u>500</u> lbs/acre		Fertilizer <u>500</u> lbs/acre		Fertilizer <u>500</u> lbs/acre	
(10-20-20 or equivalent)		(10-20-20 or equivalent)		(10-20-20 or equivalent)		(10-20-20 or equivalent)	
Mulch <u>Hay & Straw 2.5</u> Tons/Acre		Mulch <u>Hay & Straw 2.5</u> Tons/Acre		Mulch <u>Hay & Straw 2.5</u> Tons/Acre		Mulch <u>Hay & Straw 2.5</u> Tons/Acre	
Seed* <u>Ky. 31 Fescue 35</u> lbs/acre		Seed* <u>Ky 31 Fescue 35</u> lbs/acre		Seed* <u>Ky 31 Fescue 35</u> lbs/acre		Seed* <u>Ky 31 Fescue 35</u> lbs/acre	
<u> </u> lbs/acre		<u> </u> lbs/acre		<u> </u> lbs/acre		<u> </u> lbs/acre	
<u>Redtop 5</u> lbs/acre		<u>Redtop 5</u> lbs/acre		<u>Redtop 5</u> lbs/acre		<u>Redtop 5</u> 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 Belmont

Legend:  Well Site
 Access Road



AFFADAVIT

STATE OF West Virginia,

COUNTY OF Pleasants, TO-WIT:

I, Lewis Full, representative of Hartsell Wireline Service, being first duly sworn, deposes, and states as follows:

That Hartsell Wireline Service, did set a permanent casing plug, also known as a bridge plug, at 4,350 feet in the Wilson-Morrison Well #1, Permit No. 47-073-1368 located in Grant District, Pleasants County, West Virginia, on November 29, 1981.

That this affadavit is made for the purpose of establishing the fact that a permanent plug was set by Hartsell Wireline Service in the above mentioned well.

And further affiant saith not.

Lewis E. Full
Lewis Full (representative)
Hartsell Wireline Service
Hartsell Wireline Service

This instrument was prepared by Shafer Oil & Gas, Inc.



STATE OF West Virginia

COUNTY OF Pleasants, TO-WIT:

The foregoing instrument was acknowledged before me this 9th day of August, 1982, by Lewis E. Bull of Hartsell Airline Service.

My commission expires: October 7, 1991.

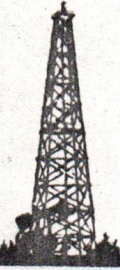
Lucille S. Cross
Notary Public

STATE OF WEST VIRGINIA, COUNTY OF PLEASANTS, TO-WIT:
OFFICE OF THE CLERK OF THE COUNTY COURT OF PLEASANTS COUNTY.

The foregoing paper writing was this day 8/10/82, at 11:15 am presented for record in my office, and thereupon, together with the certificate thereto annexed, is admitted to record.

Teste: Judith W. Hammett

Shafer Oil & Gas, Inc.



Exploration • Production • Consultation

March 22, 1982

Thomas E. Huzzey, Administrator
Office of Oil & Gas
West Virginia Department of Mines
1613 Washington St. E.
Charleston, West Virginia 253116

RE: Wilson-Morrison 47-073-1368

Dear Mr. Huzzey,

Enclosed, please find all material requested of Shafer Oil & Gas, Inc. in regard to above captioned lease (Cause no. 60 - Order no. 1).

I sincerely hope this will be sufficient to clear up any and all questions concerning this matter. If there is any further information needed, please call this office.

We appreciate your time and efforts in the matter and hope to hear from you soon, in regards to closing the subject.

Sincerely,

A handwritten signature in cursive script that reads "Virginia Shafer". The signature is written in dark ink and is positioned above the typed name.

Virginia Shafer, vice-president
Shafer Oil & Gas, Inc.

VS/blc
Enclosures

10/20/2023

Shafer Oil & Gas, Inc.



Exploration • Production • Consultation

11-16-82

Office of Oil & Gas
1613 Washington St. E.
Charleston, W. Va.
253116

Dear Mr. Huzzy-

Enclosed is a copy of the letter that was mailed to you on Nov. 22-1982, along with this same material regarding the Wilson-Marrison lease. You had requested.

Again we are sending the information you asked to Lucy about this morning.

We appreciate your help in this matter and sincerely hope this will clear things up.

Sincerely
Virginia Shafer



ARTSELL WIRELINE SERVICE
A DIVISION OF HARTSELL, INC.

Customer Shaper Oil & Gas Co

Mailing Address

Well Name & Number Monson #1 County Pleasant State W. Va

Print Customer Representative Name John Adair P.O. Number

Customer Signature Date 11/29/81

Units	Service	Unit Price	Price
1	Service charge	400 ⁰⁰	
1	Portable Mast	275 ⁰⁰	
1	Bridge Plug 4 1/2	725 ⁰⁰	
1	Min Depth charge 4 1/2 BP	700 ⁰⁰	
1-5	Hole min S/F	900 ⁰⁰	
15	Additional Holes S/F	42 ⁰⁰ per hole	
	Plug 4350		
	Perfs 2x1"		
	4262, 46, 34, 32, 24, 22,		
	37, 35, 33, 31, 29, 27,		
	25, 23, 21, 19, 17,		
	15, 13, 11, 9, 7,		
	5, 3, 1		
	John Adair		
	THANKS		
	Morris		
TOTAL PRICE			

H-3

Field Invoice

INVOICE 3885
10/20/2023

HartSELL Wireline Service, Inc.

P.O. Box 2640

Bryan, Texas 77801

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DEPARTMENT OF ENERGY
OIL AND GAS

OG-10
Rev. - 9-71



MAY 23 1986

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
Oil and Gas Division
WELL RECORD

Rotary X Oil _____
Cable _____ Gas X
Recycling _____ Comb. _____
Water Flood _____ Storage _____
Disposal _____ (Kind) _____

Quadrangle Belmont
Permit No. 47-073-1368

Company Shafer Oil & Gas, Inc.
Address P.O.Box 154, St. Marys, WV 26170
Farm Wilson-Morrison Acres 8.6
Location (waters) None
Well No. 1 Elev. 650'
District Grant County Pleasants
The surface of tract is owned in fee by _____
Charles Wilson and James Morrison
Address Belmont, WV 26134
Mineral rights are owned by same as above
Address _____
Drilling Commenced 11/17/81
Drilling Completed 11/23/81
Initial open flow -- cu. ft. --- bbls.
Final production 100m cu. ft. per day -- bbls.
Well open 10 hrs. before test 650# RP.

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size 20-16			
Cond. 13-10" 13 3/4"	100'	100'	.35 sks Class A
9 5/8			
8 5/8	1200'	1200'	350 sks Class A
7			2% Ca ₂ Cl
5 1/2			
4 1/2		4350'	400 sks Poz 50/50
3			10% salt
2			2% gel
Liners Used			4000 # Kolite

Well treatment details:

Attach copy of cementing record.

2 Stage Foam Frac 1st Stage -- Marcellus Shale 250 gals. 15% HCL
40,000# 20/40 mesh sand 230 Bbls. H₂O treated at 3400 p.s.i. at 9.5 b.p.m.
480,000 c.f. N₂ 2nd Stage -- Devonian Shale 500 gals. 15% HCL 5,000# 80/100
40,000 # 20/40 mesh sand 250 Bbls. H₂O treated at 3300 p.s.i. at 9.0 b.p.m.
500,000 c.f. N₂

Coal was encountered at NONE Feet _____ Inches _____
Fresh water 80' (river) Feet _____ Salt Water 1,140' Feet _____
Producing Sand Marcellus and Devonian Shale Depth 4280 - 4320 3050 - 3600

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Soil			0	45		* Electric log tops
Sandrock			45	75		
River gravel			75	90		River came in and had to shut down-- ran 13 3/4" - 100'
Sand (loose)			90	130		
Sand and Shale			130	550		
Shale			550	980		
Sand and Shale			980	1100		
Lime			1100	1135		
* Big Injun			1135	1180		Salt water and gas
Shale			1180	1445		
* Berea			1445	1449		gas

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JAN 25 1982
10/20/2023

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	Remarks
Shale			1449	1590		
* Thirty-foot			1590	1610		
Shale			1610	1810		
* Gordon			1810	1822	Gas - Slight oil stain	
Shale and Sandy Shales			1822	4200	Gas at 3140', 3350', 3910-20' and 4200'	
* Marcellus Shale			4280	4320	Increase in gas at flow line and temp. shows expansion on log.	
* Onondaga Lime			4320	4350		

10/20/2023

Date January 14 19 82

APPROVED [Signature]
PETROLEUM CONSULTANT



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MAY 23 1984
OIL & GAS DIVISION
DEPT. OF MINES

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

FINAL INSPECTION REPORT
INSPECTORS COMPLIANCE REPORT

COMPANY Shafco Oil & Gas
St Marys W.Va.

PERMIT NO 073-1368
FARM & WELL NO Wilson/Morrisson
DIST. & COUNTY Grant/Pleasant

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		
15.05	Cement Type		
23.02	Maintained Access Roads	✓	
25.01	Necessary Equipment to Prevent Waste	✓	
23.04	Reclaimed Drilling Pits	✓	
23.05	No Surface or Underground Pollution	✓	
23.07	Requirements for Production & Gathering Pipelines	✓	
16.01	Well Records on Site	✓	
16.02	Well Records Filed		
7.05	Identification Markings	✓	

I HAVE INSPECTED THE ABOVE CAPTIONED WELL AND RECOMMEND THAT IT BE RELEASED:

SIGNED R.A. Louther
DATE May 21 1984

Your well record was received and reclamation requirements approved. In accordance with Chapter 22, Article 4, Section 2, the above well will remain under bond coverage for the life of the well.

T.H. r. B.
Administrator-Oil & Gas Division

May 30, 1984

DATE



STATE OF WEST VIRGINIA
OIL AND GAS CONSERVATION COMMISSION
CHARLESTON 25305

BEFORE THE OIL AND GAS CONSERVATION COMMISSION
OF THE STATE OF WEST VIRGINIA

IN THE MATTER OF SHAFER OIL & GAS,)
INC.'S DRILLING OF A WELL WITHOUT)
COMPLIANCE WITH CHAPTER 22-4A-7 (b) (4)) CAUSE NO. 60
OF THE CODE OF WEST VIRGINIA, AND)
REGULATION 3.02, RULES AND REGULA-) ORDER NO. 2
TIONS OF THE WEST VIRGINIA OIL AND)
GAS CONSERVATION COMMISSION, ON THE)
WILSON-MORRISON FARM, GRANT DISTRICT)
PLEASANTS COUNTY, WEST VIRGINIA.)

REPORT OF THE COMMISSION

This cause came before the Commission on March 9, 1982, at 10:00 a.m., in Capitol Conference Center Room E, Capitol Complex, Charleston, West Virginia, after giving notice as required by law because Shafer Oil & Gas, Inc., violated 22-4A-7(b) (4) of the Code and 3.02 of the Commission's Rules and Regulations by drilling and completion well No. 47-073-1368 on the Wilson-Morrison Farm in Grant District, Pleasants County, West Virginia, at a depth of five thousand, eight hundred and ninety-two (5892) feet, penetrating the "top of the Onondaga" formation at approximately four thousand, three hundred and ten (4310) feet, within four hundred (400) feet of the unit boundary, and without securing and filing with the Commission a Consent and Easement Agreement from the surface owner.

FINDINGS OF FACT

1. Shafer Oil & Gas, Inc., is an operator within the meaning of paragraph (5), subsection (a), of Chapter 22-4A-2.
2. The Commission called the hearing within the provisions of 22-4A-7 and 22-4A-10 of the West Virginia Code and Sections III and V of the Operational and Hearing Rules of the Administrative Regulations of the West Virginia Oil and Gas Conservation Commission.
3. That from the evidence and testimony introduced in the hearing, it appears and the Commission hereby finds:
 - (a) Shafer Oil & Gas, Inc., acknowledges well No. 47-073-1368 penetrated the top of the Onondaga.
 - (b) Permission to drill a deep well was not secured by Shafer Oil & Gas, Inc. for well No. 47-073-1368.

10/20/2023

- (c) The Onondaga was penetrated by one thousand, five hundred and eighty-two (1582) feet in well No. 47-073-1368.
- (d) The Onondaga was penetrated on November 21, 1981, in well No. 47-073-1368.
- (e) A plug was placed in the well on November 29, 1982, by a wireline service.
- (f) Well No. 47-073-1368 has casing set to a total depth contrary to the well record initially filed with the Office of Oil and Gas.
- (g) Well No. 47-073-1368 does not meet the requirements of 22-4A-7 of the Code or Rule 3.02, established to "prevent waste and protect the correlative rights" of offset royalty owners and operators and the surface owner.
- (h) No testimony was presented to show the well to be necessary to prevent waste or protect correlative rights, or that an effort was made to acquire the surface owner's consent to the drilling of the well.

CONCLUSION OF LAW

1. That due notice of the time, place and purpose of the hearing has been given in all respects as required by law.
2. That pursuant to Chapter 22, Article 4A, Code of West Virginia of 1931, as amended, the Commission has jurisdiction over the subject matter embraced in said notice, and the persons interested therein, and jurisdiction to promulgate the hereinafter prescribed Order.

ORDER

The Commission hereby Orders the plugging of well No. 47-073-1368 to a depth of forty-three hundred (4300) feet.

The Commission further Orders verification of the plugging affidavit from a service company.

Further, the Commission Orders pursuit of the penalty provided in Chapter 22-4A-14(a) by referring the matter to the Prosecuting Attorney of Pleasants County.


CAUSE NO. 60, ORDER NO. 2 - Page Three

The Commission further incorporates the Report of the Commission and the Findings of Fact and Conclusion of Law dated March 9, 1982, as if the same were fully set forth and includes hereto the Report of the Commission and Findings of Fact and Conclusion of Law therein as part of this Order.

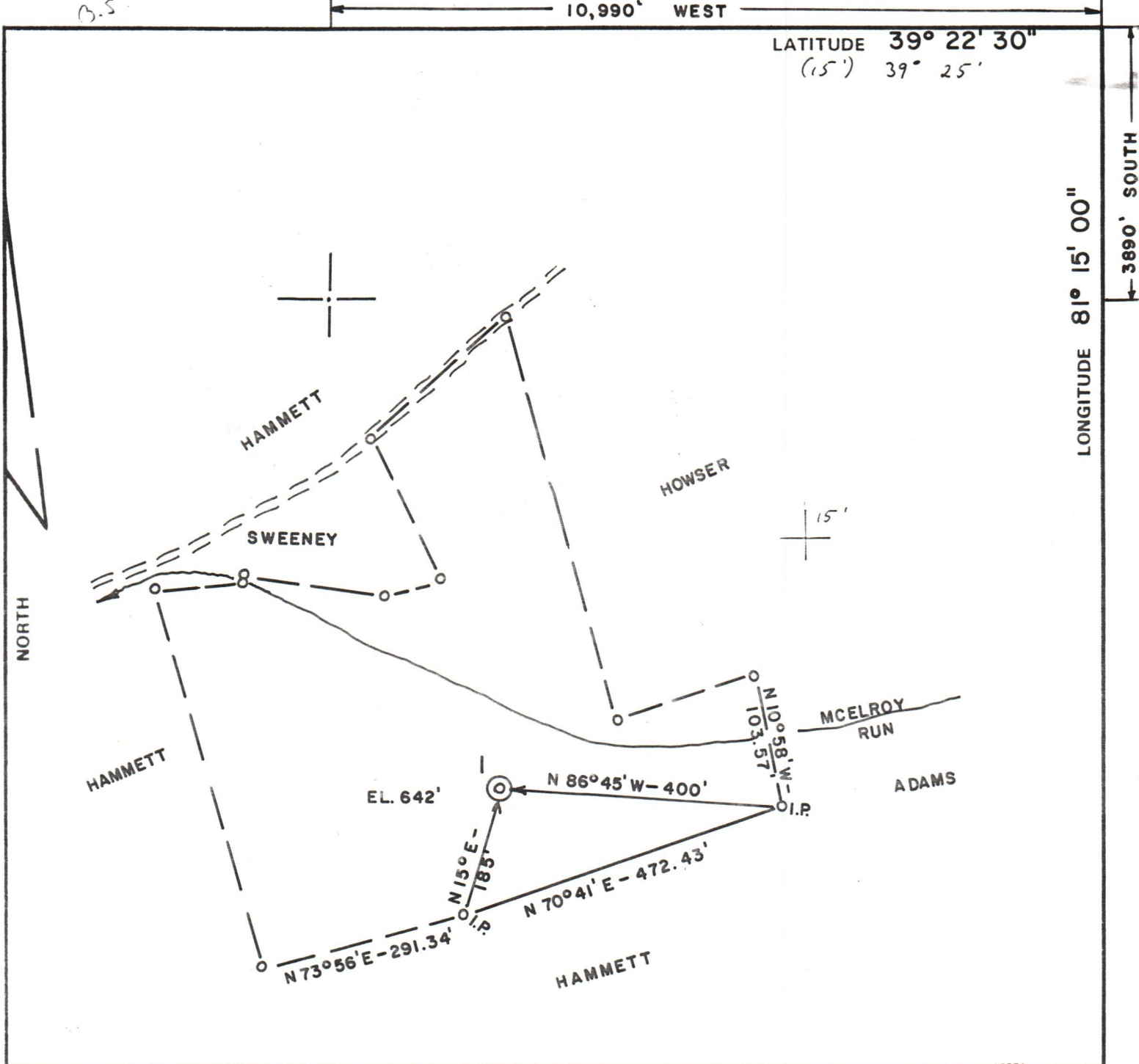
Entered at Charleston, West Virginia, this 23rd day of March, 1982.

IN THE NAME OF THE STATE OF WEST VIRGINIA:

OIL AND GAS CONSERVATION COMMISSION
OF THE STATE OF WEST VIRGINIA

By: 
Thomas E. Huzzey, Commissioner

10/20/2023



FILE NO. 81-593
 DRAWING NO. _____
 SCALE 1" = 200'
 MINIMUM DEGREE OF ACCURACY 1/200'
 PROVEN SOURCE OF ELEVATION ROUTE 2 (621')

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) *Chester B. Waterman*
 R.P.E. 3788 L.L.S. _____



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



DATE 10/30, 19 81
 OPERATOR'S WELL NO. _____
 API WELL NO. 47 - 073 - 1368
 STATE COUNTY PERMIT

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 ___
 LOCATION: ELEVATION 642' WATER SHED MCELROYS RUN
 DISTRICT GRANT COUNTY PLEASANTS
 QUADRANGLE WILLOW ISLAND 7.5'
 SURFACE OWNER C. E. WILSON & J. R. MORRISON ACREAGE 8.70
 OIL & GAS ROYALTY OWNER SAME LEASE ACREAGE 8.70
 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 ALEXANDER ESTIMATED DEPTH 5800'
 WELL OPERATOR SHAFER OIL & GAS, INC. DESIGNATED AGENT IRA W. SHAFER
 ADDRESS ST. MARYS, WV ADDRESS 214 CLAY ST. ST. MARYS, WV