



1) Date: October 10, 1984  
 2) Operator's Well No. C & P B-5  
 3) API Well No. 47 - 001 - 2207  
 State County Permit

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

- 4) WELL TYPE: A Oil  / Gas  /  
 B (If "Gas", Production  / Underground storage  / Deep  / Shallow  /)
- 5) LOCATION: Elevation: 2037 Watershed: Hanging Run  
 District: Valley County: Barbour Quadrangle: Audra 7.5 min.
- 6) WELL OPERATOR C&P OIL & GAS COMPANY, INC. 7) DESIGNATED AGENT GUY E. MORRIS, JR.  
 Address 437 Holden Avenue Address 437 Holden Avenue  
Clarksburg, WV 26301 Clarksburg, WV 26301
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) DRILLING CONTRACTOR:  
 Name Russell G. Beall DONALD ELLIS Name Eastern Overthrust Drilling, Inc.  
 Address P. O. Box 160 534-5596 Address P. O. Box 600  
Philippi, WV 26416 Anmoore, WV 26323
- 10) PROPOSED WELL WORK: Drill  / Drill deeper  / Redrill  / Stimulate  /  
 Plug off old formation  / Perforate new formation  /  
 Other physical change in well (specify) \_\_\_\_\_
- 11) GEOLOGICAL TARGET FORMATION, Haverty
- 12) Estimated depth of completed well, 5995 feet  
 13) Approximate strata depths: Fresh, 120-146 feet; salt, 750 feet.  
 14) Approximate coal seam depths: 145-197 Is coal being mined in the area? Yes  / No  /
- 15) 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			X		30'			Kinds
Fresh water									
Coal									Sizes
Intermediate	8-5/8	J55	20	X			1000	Surface	by rule 15.05
Production	4-1/2	J55	10.5	X			5500	640 Sks	Depths set
Tubing									as required by
Liners									Perforations rule 15.01
									Top Bottom

OFFICE USE ONLY  
 DRILLING PERMIT

Permit number 47-001-2207

Date December 11, 19 84

This permit covering the well operator and well location shown below is evidence of permission granted to drill in accordance with the pertinent legal requirements subject to the conditions contained herein and on the reverse hereof. **Notification must be given to the District Oil and Gas Inspector, (Refer to No. 8) Prior to the construction of roads, locations and pits for any permitted work.** In addition, the well operator or his contractor shall notify the proper district oil and gas inspector 24 hours before actual permitted work has commenced.)

The permitted work is as described in the Notice and Application, plat, and reclamation plan, subject to any modifications and conditions specified on the reverse hereof.

Permit expires December 11, 1986 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond:	Agent:	Plat:	Casing	Fee
<u>29</u>	<u>MW</u>	<u>MH</u>	<u>MW</u>	<u>237</u>

Margaret J. Hass  
 Administrator, Office of Oil and Gas

NOTE: Keep one copy of this permit posted at the drilling location.



STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES, OIL AND GAS DIVISION  
**OFFICE USE ONLY**

**PERMIT MODIFICATIONS AND CONDITIONS (IF ANY) TO THE PROPOSED WELL WORK**

1) LOCATION: B (Oil, Gas, Production) / Underground storage / Deep / Shallow

2) WELL OPERATOR: Name: Donald F. ... Address: ...

3) DRILLING CONTRACTOR: Name: ... Address: ...

4) PROPOSED WELL WORK:  Drill - deeper /  Redrill /  Stimulate /  Plug oil old formation /  Produce new formation

5) GEOLOGICAL TARGET FORMATION: ...

6) APPROXIMATE CHALK DEPTH: ... feet

7) APPROXIMATE TRAIL DEPTH: ... feet

8) ESTIMATED DEPTH OF COMPLETED WELL: ... feet

9) IS COAL BEING MINED IN THE AREA?  Yes /  No

Casing or Tubing Type	Size	Grade	SPECIFICATIONS			FOOTAGE INTERVALS	CEMENT MORTAR OR SACKS (Cable feet)	PACKERS
			Weight per ft	New	Used			
Conductor	3 1/2"							
Hard wall								
Coal								
Intermediates								
Production								

**OFFICE USE ONLY**

This part of Form IV-2(b) is to record the dates of certain occurrences and any follow-up inspections.

	Date	Date(s)
Application received		
Well work started		
Completion of the drilling process		
Well Record received		
Reclamation completed		

**OTHER INSPECTIONS**

Reason: \_\_\_\_\_

Reason: \_\_\_\_\_

Agent	Part	Casing	Fee

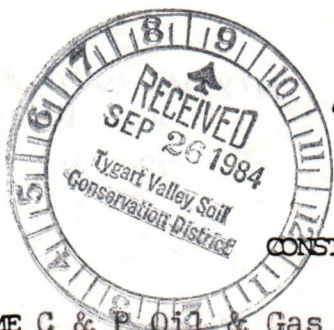
12/01/2003

C. HALESTON



IV-9  
(Rev 8-81)

DATE September 24, 1984  
WELL NO. C & P B-5  
API NO. 47 - 001 - 2207



State of West Virginia  
Department of Mines  
Oil and Gas Division

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME C & P Oil & Gas Co.  
Address 437 Holden St., Clarksburg, WV  
Telephone 304-624-6516

DESIGNATED AGENT Guy E. Morris, Jr.  
Address 437 Holden St., Clarksburg, WV  
Telephone 304-624-6516

LANDOWNER Kenneth Thorn

SOIL CONS. DISTRICT Tygarts Valley

Revegetation to be carried out by C & P Oil & Gas Co., Guy E. Morris (Agent)

This plan has been reviewed by Tygarts Valley SCD. All corrections and additions become a part of this plan: 9-30-84

(Date)  
Guy E. Morris, Jr.  
(SCD Agent)

ACCESS ROAD

LOCATION

Structure Cross Drains (A)  
Spacing 6%-124' to 12%-72'  
Page Ref. Manual 2-1

Structure Diversion Ditch (1)  
Material Earthen  
Page Ref. Manual 2-12

Structure Drainage Ditch (B)  
Spacing On upper road cuts  
Page Ref. Manual 2-12

Structure \_\_\_\_\_ (2)  
Material \_\_\_\_\_  
Page Ref. Manual \_\_\_\_\_

Structure \_\_\_\_\_ (C)  
Spacing \_\_\_\_\_  
Page Ref. Manual \_\_\_\_\_

Structure \_\_\_\_\_ (3)  
Material \_\_\_\_\_  
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

Treatment Area II

Lime As determined by pH test Tons/acre  
or correct to pH 6.5  
Fertilizer 600 lbs/acre  
(10-20-20 or equivalent)  
Mulch Hay or Straw 2 Tons/acre  
Seed\* KY 31 Fescue 35 lbs/acre  
Birdsfoot Trefoil 10 lbs/acre  
Domestic Rye 10 lbs/acre

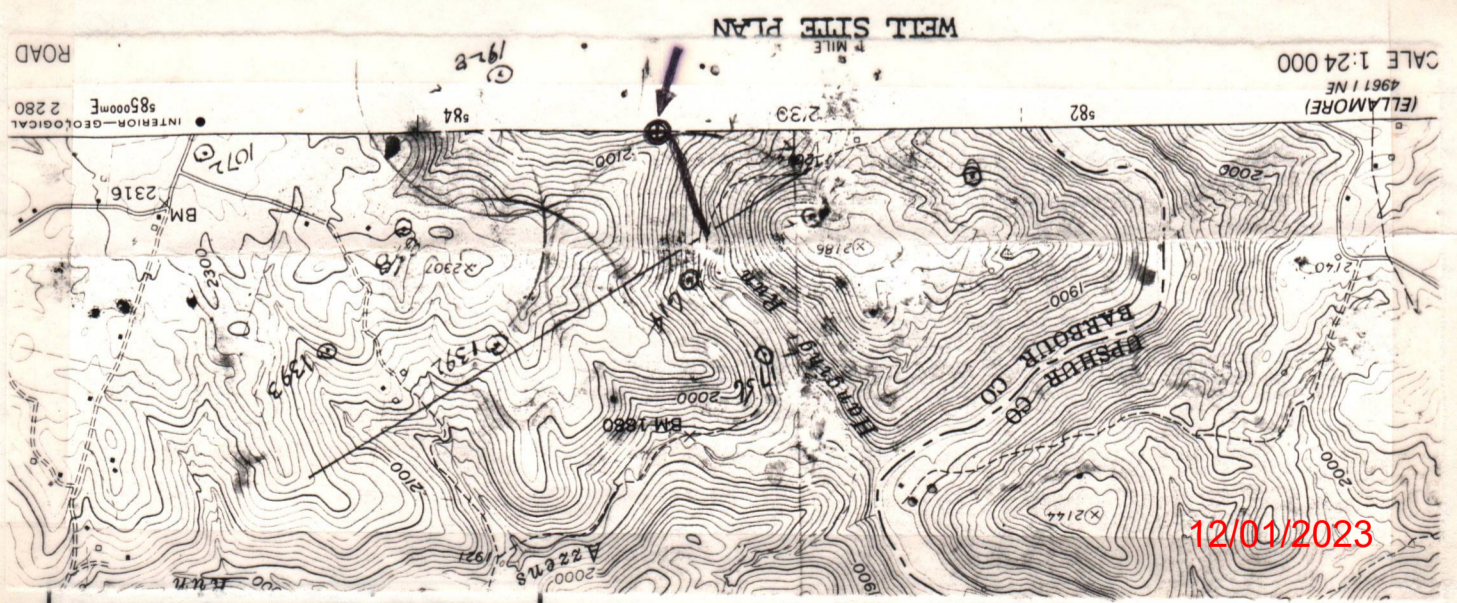
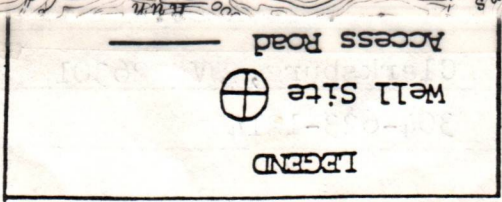
Lime As determined by pH test Tons/acre  
or correct to pH 6.5  
Fertilizer 600 lbs/acre  
(10-20-20 or equivalent)  
Mulch Hay or Straw 2 Tons/acre  
Seed\* KY 31 Fescue 35 lbs/acre  
Birdsfoot Trefoil 10 lbs/acre  
Domestic Rye 10 lbs/acre

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

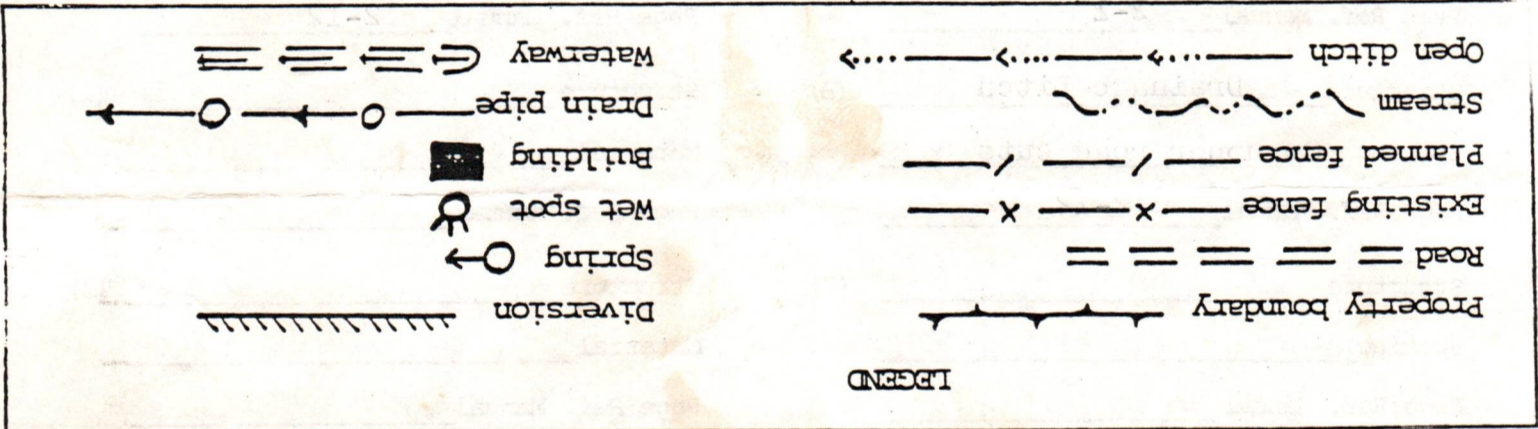
PLAN PREPARED BY LAND SURVEYING SERVICES 12/01/2023  
ADDRESS 1412 N. 18th St.  
Clarksburg, WV 26301  
PHONE NO. 304-623-1214

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

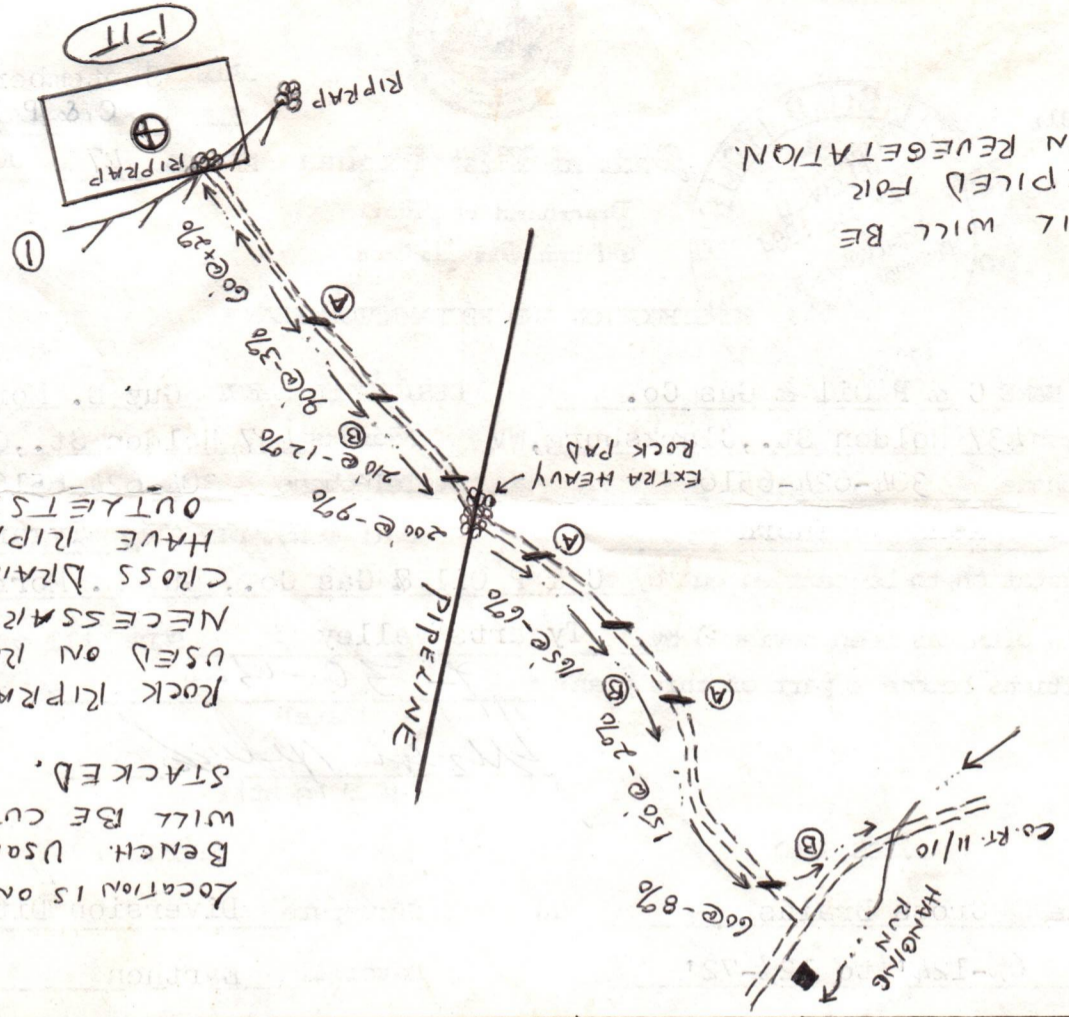
ATTACH OR PHOTO COPY SECTION OF INVOLVED TOPOGRAPHIC MAP. QUADRANGLE Andra 7.5 min.



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



Location is on a wooded bench. Usable timber will be cut and stacked. Rock riprap will be used on road where necessary. All cross drains will have riprapped outlets.



Topsoil will be stockpiled for use in revegetation.

1) Date: October 10, 19 84  
2) Operator's Well No. C & P B-5  
3) API Well No. 47 - 001 - 2707  
State County Permit

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES, OFFICE OF OIL & GAS

NOTICE OF APPLICATION FOR A WELL WORK PERMIT

4) SURFACE OWNER(S) OF RECORD TO BE SERVED

(i) Name KENNETH THORN  
Address 314 Old Morgantown Pike  
Belington, WV 26250  
(ii) Name \_\_\_\_\_  
Address \_\_\_\_\_  
(iii) Name \_\_\_\_\_  
Address \_\_\_\_\_

5(i) COAL OPERATOR \_\_\_\_\_  
Address \_\_\_\_\_

5(ii) COAL OWNER(S) WITH DECLARATION ON RECORD:  
Name None  
Address \_\_\_\_\_

Name \_\_\_\_\_  
Address \_\_\_\_\_

5(iii) COAL LESSEE WITH DECLARATION ON RECORD:  
Name \_\_\_\_\_  
Address \_\_\_\_\_

TO THE PERSON(S) NAMED ABOVE: You should have received this Form and the following documents:

- (1) The Application for a Well Work Permit on Form IV-2(B) (or Form IV-4 if the well is to be plugged, which sets out the parties involved in the drilling or other work, and describes the well and its location and, if applicable, the proposed casing and cementing program;
- (2) The plat (surveyor's map) showing the well location on Form IV-6; and
- (3) The Construction and Reclamation Plan on Form IV-9 (unless the well work is only to plug a well), which sets out the plan for erosion and sediment control and for reclamation for the site and access road.

THE REASON YOU RECEIVED THESE DOCUMENTS IS THAT YOU HAVE RIGHTS REGARDING THE APPLICATION WHICH ARE SUMMARIZED IN THE "INSTRUCTIONS" ON THE REVERSE SIDE OF THE COPY OF THE APPLICATION (FORM IV-2(B) OR FORM 4, DESIGNATED FOR YOU. HOWEVER, YOU ARE NOT REQUIRED TO TAKE ANY ACTION AT ALL.

Take notice that under Chapter 22 of the West Virginia Code, the undersigned well operator proposes to file or has filed this Notice and Application and accompanying documents for a Well Work Permit with the Administrator of the Office of Oil and Gas, West Virginia Department of Mines, with respect to a well at the location described on attached Application and depicted on attached Form IV-6. Copies of this Notice, the Application, the plat, and the Construction and Reclamation Plan have been mailed by registered or certified mail or delivered by hand to the person(s) named above (or by publication in certain circumstances) on or before the day of mailing or delivery to the Administrator.

6) EXTRACTION RIGHTS

Check and provide one of the following:

- Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil or gas.
- The requirement of Code 22-4-1-(c) (1) through (4). (See reverse side for specifics.)

7) ROYALTY PROVISIONS

Is the right to extract, produce or market the oil or gas based upon a lease or leases or other 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 or gas so extracted, produced or marketed? Yes No X

If the answer above is No, nothing additional is needed. If the answer is Yes, you may use Affidavit Form IV-60.

See the reverse side for line item instructions, and for instructions concerning the required copies of the Notice and Application, plat, and Construction and Reclamation Plan.

The truth of the information on the Notice and Application is verified and sworn to and the Notice is signed on behalf of the Well Operator in my County and State by

GUY E. MORRIS, JR.  
this 10 day of October, 1984.  
My commission expires July 5, 1993.

WELL

OPERATOR C & P OIL & GAS COMPANY, INC.

By Guy E. Morris, Jr.  
Its Vice President  
Address 437 Holden Avenue  
Clarksburg, WV 26301  
Telephone 304-624-6516

Shirley L. Secreto  
Notary Public, Harrison County,  
State of West Virginia

12/01/2023

I N S T R U C T I O N S T O A P P L I C A N T

CONCERNING THE LINE ITEMS:

- 1) Date of Notice.
- 2) Your well name and number.
- 3) To be filled out by the Office of Oil & Gas.
- 4) & 5) Use separate sheet if necessary.
- 4) Surface owner(s) of record to be served with Notice and Application. However, see also Code § 22-4-1b(b) if "more than three tenants in common or other co-owners of interest described in subsection (a) of this section hold interests in such lands".
- 5(i) "Coal Operator" means any person, firm, partnership, partnership association or corporation that proposes to or does operate a coal mine.
- 5(ii, iii) See Code § 22-4-20.
- 6) See Code § 22-4-11(c). However, in lieu of filing the lease(s) or other continuing contract(s), the Applicant may fill out the information in the space provided below.
- 7) See Code §§ 22-4-11(d, e).

CONCERNING THE REQUIRED COPIES FOR FILING AND SERVICE:

Filing. Code § 22-4-1k and Regulation 7.02 provide that the original and required copies of the Notice and Application must be filed with the Administrator, 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 § 22-4-1k(d) and the reclamation required by Code § 22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fees required by Code § 22-4-1a(c) and 22-3-12a, and (v) if applicable, the consent required by Code § 22-4-8a from the owner of any water well on dwelling within 200 feet of the proposed well.

Service. In addition, service must be made on the surface owner(s) and the person(s) with an interest in the coal. See Code § § 22-4-1m, 22-4-2, 22-4-2a, and 22-4-2b.

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INFORMATION SUPPLIED UNDER CODE § 22-4-11(d)

IN LIEU OF FILING LEASE(S) AND OTHER CONTINUING CONTRACT(S)

Under the oath required to make the verification on the obverse side of this Notice, I depose and say that I am the person who signed the Notice for the Applicant, and that--

- (1) the tract of land is the same tract described in the Application to which this Notice applies, partly or wholly depicted in the accompanying plat, and described in the Construction and Reclamation Plan;
- (2) the parties and recordation data (if recorded) for lease(s) or other continuing contract(s) by which the Applicant claims the right to extract, produce or market the oil or gas are as follows:

Grantor, lessor, etc.	Grantee, lessee, etc.	Royalty	Book Page
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Kenneth Thorn & Dortha Thorn, his wife	to C & P Oil & Gas Company, Inc.	1/8	Barbour Co. 101/239
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12/01/2023



1) Date: October 10, 19 84  
 2) Operator's Well No. C-578-5  
 3) API Well No. 47 State 801 County Permit

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

- 4) WELL TYPE: A Oil \_\_\_\_\_ / Gas x /  
 B (If "Gas", Production x / Underground storage \_\_\_\_\_ / Deep \_\_\_\_\_ / Shallow x /)
- 5) LOCATION: Elevation: 2037 Watershed: Hanging Run  
 District: Valley County: Barbour Quadrangle: Audra 7.5 min.
- 6) WELL OPERATOR C&P OIL & GAS COMPANY, INC. 7) DESIGNATED AGENT GUY E. MORRIS, JR.  
 Address 437 Holden Avenue Address 437 Holden Avenue  
Clarksburg, WV 26301 Clarksburg, WV 26301
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) DRILLING CONTRACTOR:  
 Name Russell G. Beall Name Eastern Overthrust Drilling, Inc.  
 Address P. O. Box 160 Address P. O. Box 600  
Philippi, WV 26416 Amooore, WV 26323
- 10) PROPOSED WELL WORK: Drill x / Drill deeper \_\_\_\_\_ / Redrill \_\_\_\_\_ / Stimulate x /  
 Plug off old formation \_\_\_\_\_ / Perforate new formation \_\_\_\_\_ /  
 Other physical change in well (specify) \_\_\_\_\_
- 11) GEOLOGICAL TARGET FORMATION, Haverty
- 12) Estimated depth of completed well, 5995 feet  
 13) Approximate trata depths: Fresh, 120-146 feet; salt, 750 feet.  
 14) Approximate coal seam depths: 145-197 Is coal being mined in the area? Yes \_\_\_\_\_ / No x /
- 15) 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	<u>11-3/4</u>			<u>X</u>		<u>30'</u>				Kinds
Fresh water										
Coal										Sizes
Intermediate	<u>8-5/8</u>	<u>J55</u>	<u>20</u>	<u>X</u>			<u>1000</u>	<u>Surface</u>		<u>14 rule 150'</u>
Production	<u>4-1/2</u>	<u>J55</u>	<u>10.5</u>	<u>X</u>			<u>5500</u>	<u>640 Sks</u>		Depths set
Tubing										
Liners										Perforations:
										Top Bottom

INSTRUCTIONS TO COAL OPERATOR, OWNER, OR LESSEE

The 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 the receipt of this Application by the Department.

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 the filing of the Application.

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: 29 10/10/2023, 19 2023  
 By Kenneth Thorne  
Dorothea Thorne

Its \_\_\_\_\_  
 12/01/2023  
 Coal Owner



1) Date: \_\_\_\_\_, 19 October 10 84  
 2) Operator's Well No. CSP B-5  
 3) API Well No. 47 State \_\_\_\_\_ County \_\_\_\_\_ Permit \_\_\_\_\_

**STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES, OIL AND GAS DIVISION  
 APPLICATION FOR A WELL WORK PERMIT**

- 4) WELL TYPE: A Oil \_\_\_\_\_ / Gas x /  
 B (If "Gas", Production \_\_\_\_\_ / Underground storage \_\_\_\_\_ / Deep \_\_\_\_\_ / Shallow x /)
- 5) LOCATION: Elevation: 2037 Watershed: Hanging Run  
 District: Valley County: Barbour Quadrangle: Aukra 7.5 min.
- 6) WELL OPERATOR CSP OIL & GAS COMPANY, INC. 7) DESIGNATED AGENT GUY E. MORRIS, JR.  
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 Other physical change in well (specify) \_\_\_\_\_
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- 15) 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		Kinds	Sizes
Conductor	<u>11-3/4</u>			<u>x</u>		<u>30'</u>				
Fresh water										
Coal										
Intermediate	<u>8-5/8</u>	<u>J55</u>	<u>20</u>	<u>x</u>			<u>1000</u>	<u>Surface</u>		
Production	<u>4-1/2</u>	<u>J55</u>	<u>10.5</u>	<u>x</u>			<u>5500</u>	<u>640 Sks</u>		
Tubing										
Liners										
									Perforations:	
									Top	Bottom

The law requires a comment period for surface owners. However, the permit can be issued in less than 15 days from the filing of the Application if the surface owner(s) of record sign(s) the following "Voluntary Statement of No Objection" on a facsimile of this surface owner's copy of the Application.

**VOLUNTARY STATEMENT OF NO OBJECTION**

I hereby state that I have read the instructions to surface owners on the reverse side of this Application for a Well Work Permit, and that I have received copies of (1) a Notice of Application for a Well Work Permit on Form IV-2(A), (2) an Application for a Well Work Permit on Form IV-2(B), (3) a survey plat on Form IV-6, and (4) a Construction and Reclamation Plan on Form IV-9, all for proposed well work on my surface land as described therein.

I further state that I have no objection to the planned work described in these materials, and I have no objection to a permit being issued based on those materials.

(For execution by corporation, partnership, etc.)

(For execution by natural persons)

NAME: \_\_\_\_\_

Kenneth Thorn Date: \_\_\_\_\_  
 (Signature)

By [Signature] Date 2/27  
 Its \_\_\_\_\_ Date \_\_\_\_\_

Dorothea Thorn Date: \_\_\_\_\_  
 (Signature)



**INSTRUCTIONS TO SURFACE OWNERS  
AND  
EXPLANATION OF METHODS AND TIME LIMITS TO COMMENT  
ON OIL AND GAS WELL WORK PERMIT**

The well operator named in the Notice and this Application and the attached materials is applying for a permit from the State to do oil or gas well drilling or other well work. You are being served with these materials because surface owners have the right to file comments before the permit is issued. (NOTE: If the surface tract is owned by more than three persons, in multiple heirship for example, then these materials were served on you because your name appeared on the Sheriff's tax ticket on the land or because you actually occupy the surface tract. In either case, you may be the only owner who will actually receive these materials.) See Chapter 22, Article 4 of the W. Va. Code. Permits are valid for 24 months.

If you do not own any interest in the surface tract, please forward these materials to the true owner immediately if you know who it is. Also, please notify the well operator named in the materials and the Administrator of the Office of Oil and Gas in the West Virginia Department of Mines immediately.

**NOTE: You are not required to file any comment at all.**

**Where to file comments and obtain additional information:**

Administrator of the Office of Oil and Gas  
West Virginia Department of Mines  
1615 Washington Street East  
Charleston, West Virginia 25311  
(304) 348-2057

**Who may file comments?** If you wish to file comments, you must be an owner of record of (1) an interest in the surface tract on which the well already is or is about to be located, or (2) an interest in any other surface tract under the same oil or gas lease which will be utilized for roads or other land disturbances.

**Time limits for comments.** The law requires these materials to be delivered on or before the date the operator files his Application. You have **FIFTEEN (15) DAYS** after the filing date to file your comments as provided in **Methods for Filing Comments** below. You may call the Administrator's office at the above telephone number to be sure of the date. However, if you have been contacted by the well operator, and if you have signed a "voluntary statement of no objection" to any of the planned work described in these materials, then the permit may be issued at any time.

**Comments must be in writing.** Your comments must include your name, address and telephone number, the well operator's name and well number, and the approximate location of the proposed well site including district and county from the application. You may add other documents, such as sketches, maps or photographs to support your comments.

**Methods for filing comments.** Comments must be filed in person or received in the mail at the Administrator's office by the time stated above. Check with your postmaster to ensure adequate delivery time or to arrange special expedited handling.

The Administrator for Oil and Gas has the power to deny or condition a well work permit based on your comments on the following grounds:

- “(1) The proposed well work will constitute a hazard to the safety of persons; or
- “(2) The plan for soil erosion and sediment control is not adequate or effective; or
- “(3) Damage would occur to publicly owned lands or resources; or
- “(4) The proposed well work fails to protect fresh water sources or supplies.”

**If you want a copy of the permit** as it is finally issued, or a copy of the order denying the permit, you should request a copy from the Administrator.

**List of Water Testing Laboratories.** The Administrator maintains a list of water testing laboratories which you can hire to test your water to establish water quality prior to and after drilling. Contact the Administrator's office or an Oil and Gas Inspector to obtain a copy of the list.



IV-35  
(Rev 8-81)

FERC

Date 1-31-85  
Operator's  
Well No. B-5  
Farm K. Thorn  
API No. 47 - 001 - 2207

State of West Virginia  
Department of Mines  
Oil and Gas Division

WELL OPERATOR'S REPORT  
OF  
DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

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

LOCATION: Elevation: 2037 Watershed Hanging Run  
District: Valley County Barbour Quadrangle Audra 7½

COMPANY C & P Oil and Gas Company

ADDRESS 437 Holden St., Clarksburg, WV

DESIGNATED AGENT G. E. Morris, Jr.

ADDRESS 437 Holden St., Clarksburg, WV

SURFACE OWNER K. Thorn

ADDRESS 314 OLD MORGANTOWN PIKE  
BELINGTON, WV 26259

MINERAL RIGHTS OWNER K. Thorn

ADDRESS Same as Above

OIL AND GAS INSPECTOR FOR THIS WORK Don

Ellis ADDRESS Fairmont, WV 26554

PERMIT ISSUED 12-11-84

DRILLING COMMENCED 1-10-85

DRILLING COMPLETED 1-15-85

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

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	1006	1006	340 Sks To Surface
7			
5 1/2			
4 1/2		3892	660 Sks (1000-3902)
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Benson Depth 3665 feet

Depth of completed well 4016 feet Rotary X / Cable Tools \_\_\_\_\_

Water strata depth: Fresh 70 feet; Salt 180 feet

Coal seam depths: 44 Is coal being mined in the area? No

OPEN FLOW DATA

Producing formation Benson Pay zone depth 3668-3691 feet

Gas: Initial open flow Show Mcf/d Oil: Initial open flow None Bbl/d

Final open flow 335 Mcf/d Final open flow None Bbl/d

Time of open flow between initial and final tests 4 hours

Static rock pressure 1400 psig (surface measurement) after 14 ~~hours~~ days shut in  
(If applicable due to multiple completion--)

Second producing formation Riley Pay zone depth 3506-3546 feet

Gas: Initial open flow Smell Mcf/d Oil: Initial open flow None Bbl/d

Final open flow 335 Mcf/d Oil: Final open flow None Bbl/d

Time of open flow between initial and final tests 4 hours

Static rock pressure 1400 psig (surface measurement) after 14 ~~hours~~ days shut in

(Continue on reverse side)

BAR-2207

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

Frac:	1-24-85	2 Stage	Benson-Riley			
	PERFS	BKRD	H2O	RATE	ISIP	SAND
Benson	(3668-3741)	2100	606	24	1200#	50,000#
Riley	(3506-3546)	1400	522	25	1150#	33,500#

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
					Including indication of all fresh and salt water, coal, oil and gas
Sand	Br	M	0	44	H2O ½" @ 70'
Coal	Bl	S	44	49	More @ 180'
Sand	Br	M	49	241	Coal @ 44
Sd & Sh	Br	M	241	386	
Sd	W	H	386	540	
Sh	Rd & Gr	S	540	1030	
Sd & Sh	Br	M	1030	1084	
Big Lime	Gr	H	1084	1156	
Big Injun	W	H	1156	1348	
Sh	Gr	S	1348	1676	
Sd & Sh	Br	M	1676	2212	
5th Sd	Br	M	2212	2258	Show Gas @ 2225
Sh	Gr	S	2258	3498	
Riley	Br	M	3498	3560	
Sh	Gr	S	3560	3664	
Benson	Br	M	3664	3764	Show Gas @ 3670
Sh	Gr	S	3764	4016	
T. D.				4016	

(Attach separate sheets as necessary)

C + P OIL + GAS CO. INC  
Well Operator  
By: Ray E. Murray 12/01/2023  
Date: 3/1/85

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 strata, encountered in the drilling of a well."

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

RECEIVED  
NOV 17 1984

OIL & GAS DIVISION  
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. 0012207

Oil or Gas Well  
(KIND)

Company CAP OIL CO.  
 Address CLARKSBURG  
 Farm THORN  
 Well No. B-5  
 District VALLEY County \_\_\_\_\_  
 Drilling commenced 1-10-85  
 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			Kind of Packer
16			
13			Size of
10			
8 1/4			Depth set
6 5/8			
5 3/16			Perf. top
3			Perf. bottom
2			Perf. top
Liners Used			Perf. bottom

CASING CEMENTED \_\_\_\_\_ SIZE \_\_\_\_\_ No. FT. \_\_\_\_\_ Date \_\_\_\_\_

NAME OF SERVICE COMPANY \_\_\_\_\_

COAL WAS ENCOUNTERED AT 44 FEET <sup>TO 49 FT</sup> INCHES

\_\_\_\_\_ FEET \_\_\_\_\_ INCHES \_\_\_\_\_ FEET \_\_\_\_\_ INCHES

\_\_\_\_\_ FEET \_\_\_\_\_ INCHES \_\_\_\_\_ FEET \_\_\_\_\_ INCHES

Drillers' Names IL MORALS #7

Remarks: DALG 300ft WET 3/4" straw 70' 1/4" straw 180'

1-11-85

DATE

[Signature] 12/01/2023

DISTRICT WELL INSPECTOR

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS WELLS DIVISION  
INSPECTOR'S PLUGGING REPORT

Permit No. \_\_\_\_\_

Well No. \_\_\_\_\_

COMPANY \_\_\_\_\_ ADDRESS \_\_\_\_\_

FARM \_\_\_\_\_ DISTRICT \_\_\_\_\_ COUNTY \_\_\_\_\_

Filling Material Used \_\_\_\_\_

Liner			Location	Amount	Packer	Location		
PLUGS USED AND DEPTH PLACED			BRIDGES			CASING AND TUBING		
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION			RECOVERED	SIZE	LOST

Drillers' Names \_\_\_\_\_

Remarks: \_\_\_\_\_

\_\_\_\_\_, DATE I hereby certify I visited the above well on this date.

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

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

INSPECTOR'S WELL REPORT

Permit No. 001-2207

Oil or Gas Well  
(KIND)

Company <u>ATP oil co.</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address <u>Clarksburg, W.V.</u>	Size			
Farm <u>THORN</u>	16			Kind of Packer
Well No. <u>B-5</u>	13			
District <u>VALLEY</u> County <u>BARBOUR</u>	10			Size of
Drilling commenced <u>1-10-85</u>	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 LL MORRIS #7

Remarks: Spud

1-10-85  
DATE

[Signature]  
12/01/2023  
DISTRICT WELL INSPECTOR

Form 26  
2/16/82

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

INSPECTOR'S PLUGGING REPORT

Permit No. \_\_\_\_\_ Well No. \_\_\_\_\_

COMPANY \_\_\_\_\_ ADDRESS \_\_\_\_\_

FARM \_\_\_\_\_ DISTRICT \_\_\_\_\_ COUNTY \_\_\_\_\_

Filling Material Used \_\_\_\_\_

Liner			Location	Amount	Packer	Location		
PLUGS USED AND DEPTH PLACED			BRIDGES			CASING AND TUBING		
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION			RECOVERED	SIZE	LOST

Drillers' Names \_\_\_\_\_

Remarks: \_\_\_\_\_

DATE \_\_\_\_\_ I hereby certify I visited the above well on this date.

12/01/2023

12-11-84

INSPECTOR'S PERMIT SUMMARY FORM

WELL TYPE \_\_\_\_\_  
ELEVATION \_\_\_\_\_  
DISTRICT Valley  
QUADRANGLE \_\_\_\_\_  
COUNTY Barbours

API# 47- 001 - 2207  
OPERATOR C & P Oil & Gas  
TELEPHONE \_\_\_\_\_  
FARM Shorn  
WELL # B-5

SURFACE OWNER \_\_\_\_\_ COMMENTS \_\_\_\_\_ TELEPHONE \_\_\_\_\_  
TARGET FORMATION \_\_\_\_\_ DATE APPLICATION RECEIVED \_\_\_\_\_  
DATE STARTED \_\_\_\_\_  
LOCATION \_\_\_\_\_ NOTIFIED \_\_\_\_\_ DRILLING COMMENCED \_\_\_\_\_

WATER DEPTHS \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_  
COAL DEPTHS \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

APR 22 1986

CASING

Ran \_\_\_\_\_ feet of \_\_\_\_\_ "pipe on \_\_\_\_\_ with \_\_\_\_\_ fill up  
Ran \_\_\_\_\_ feet of \_\_\_\_\_ "pipe on \_\_\_\_\_ with \_\_\_\_\_ fill up  
Ran \_\_\_\_\_ feet of \_\_\_\_\_ "pipe on \_\_\_\_\_ with \_\_\_\_\_ fill up  
Ran \_\_\_\_\_ feet of \_\_\_\_\_ "pipe on \_\_\_\_\_ with \_\_\_\_\_ fill up

TD \_\_\_\_\_ feet on \_\_\_\_\_

PLUGGING

Type	From	To	Pipe Removed

Pit Discharge date: \_\_\_\_\_ Type \_\_\_\_\_  
Field analysis                      ph \_\_\_\_\_      fe \_\_\_\_\_      cl \_\_\_\_\_  
Well Record received \_\_\_\_\_

Date Released H-17-86

Phillip Tracy 12/01/2023  
Inspector's signature



API# 47 \_\_\_\_\_ - \_\_\_\_\_

LIST ALL VISITS FOR THIS PERMIT

	DATE	TIME	PURPOSE	COMMENTS
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				

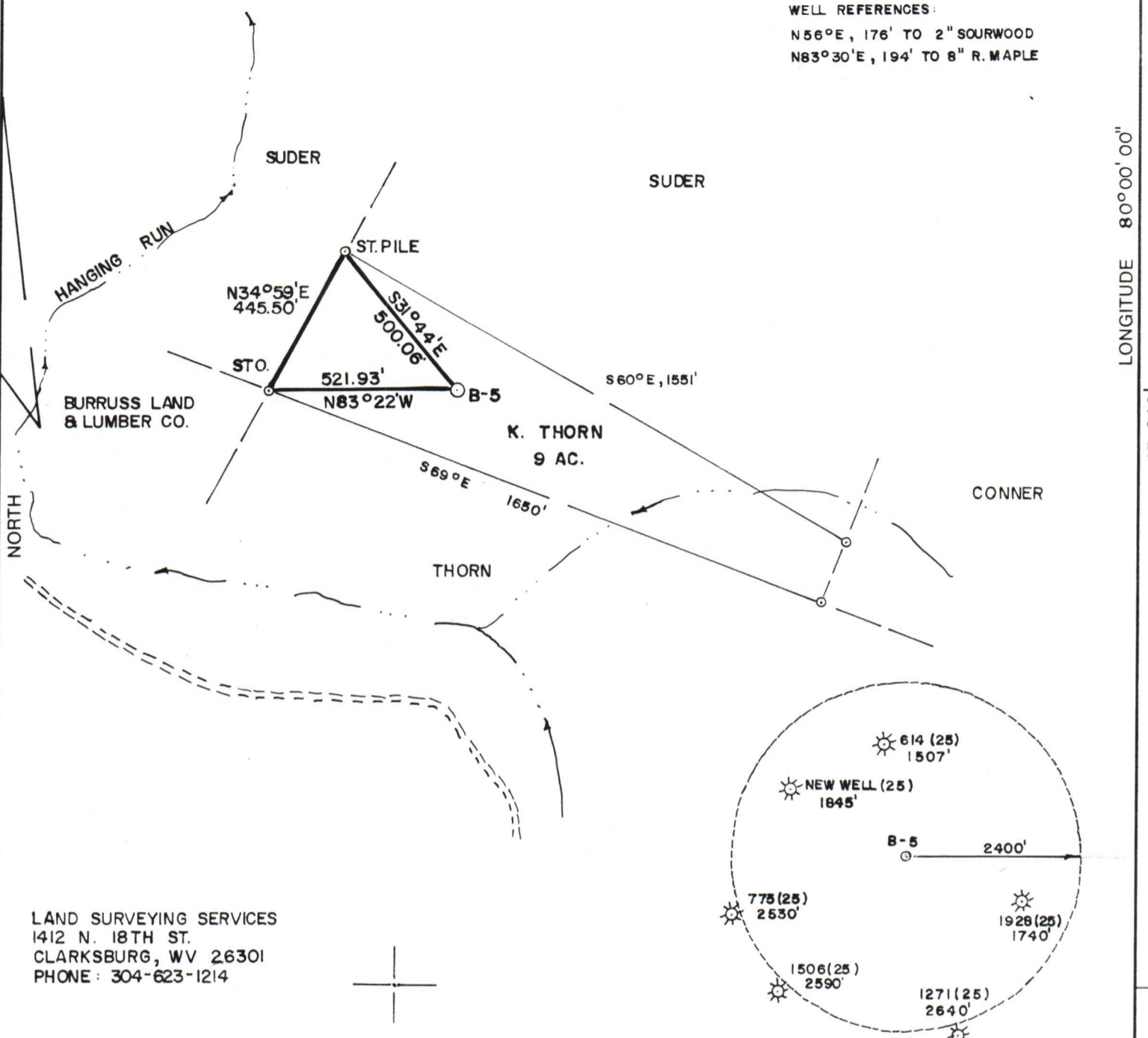
Notes

2022 12/1/84

10,370'

LATITUDE 39°02'30"

WELL REFERENCES:  
N56°E, 176' TO 2" SOURWOOD  
N83°30'E, 194' TO 8" R. MAPLE

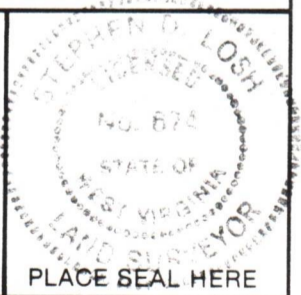


LAND SURVEYING SERVICES  
1412 N. 18TH ST.  
CLARKSBURG, WV 26301  
PHONE: 304-623-1214

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FILE NO. \_\_\_\_\_  
DRAWING NO. \_\_\_\_\_  
SCALE 1" = 400'  
MINIMUM DEGREE OF ACCURACY 1 in 2500  
PROVEN SOURCE OF ELEVATION RD. INTER. 2700' N.W. OF LOCATION ELEV. - 2014'

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) *Stephen D. Losh*  
R.P.E. \_\_\_\_\_ L.L.S. 674  
STEPHEN D. LOSH



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION



DATE SEPTEMBER 24, 19 84  
OPERATOR'S WELL NO. B-5  
API WELL NO.

WELL TYPE: OIL \_\_\_ GAS  LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_  
(IF "GAS,") PRODUCTION  STORAGE \_\_\_ DEEP \_\_\_ SHALLOW   
LOCATION: ELEVATION 2037' WATER SHED HANGING RUN  
DISTRICT VALLEY COUNTY BARBOUR  
QUADRANGLE AUDRA 7.5 min.

SURFACE OWNER KENNETH THORN ACREAGE 9.00  
OIL & GAS ROYALTY OWNER KENNETH THORN LEASE ACREAGE 9.00 12/01/2023  
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 \_\_\_ CLEAN OUT AND REPLUG \_\_\_  
TARGET FORMATION HAVERTY ESTIMATED DEPTH 5995'  
WELL OPERATOR C&P OIL & GAS CO. DESIGNATED AGENT GUY E. MORRIS, JR.  
ADDRESS 437 HOLDEN AVE. ADDRESS 437 HOLDEN AVE.  
CLARKSBURG, WV 26301 CLARKSBURG, WV 26301

00,0008 EDIIGNOT 15,040 51

BAV COUNTY NAME 2207 PERMIT

FORM IV-6 (8-78) H.T. HALL