



Date: 10-10, 19 82

Operator's Well No. 1

API Well No. 47 085 5942

State County Permit

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

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

LOCATION: Elevation: 1078.41 Watershed: Wolfpen Run
District: Union County: Ritchie Quadrangle: Pullman 7.5'

WELL OPERATOR Clint Hurt & Assoc., Inc. DESIGNATED AGENT I. David Bartram
Address P.O. Box 388 Address Same
Elkview, W.Va. 25071

OIL & GAS ROYALTY OWNER Winnie Hardbarger et al
Address Harrisville, W.Va.

COAL OPERATOR None
Address

Acreage 57.5

COAL OWNER(S) WITH DECLARATION ON RECORD:

SURFACE OWNER Winnie Hardbarger et al
Address Harrisville, W.Va.
Acreage 57.5

Name Same

FIELD SALE (IF MADE) TO:
Address

Address

OIL & GAS INSPECTOR TO BE NOTIFIED
Name Samuel N. Hersman
Address P.O. Box 66
Smithville, W.Va.

Name

Address

COAL LESSEE WITH DECLARATION ON RECORD:

Name

Address

The undersigned well operator is entitled to operate for oil or gas purposes at the above location under a deed / lease other contract XX / dated May 7, 19 82, to the undersigned well operator from Joseph S. Crans DBA Huntington Oil & Gas (copy attached) (IF said deed, lease, or other contract has been recorded:)

Recorded on , 19 , in the office of the Clerk of the County Commission of County, West Va., in Book at page . A permit is requested as follows:

PROPOSED WORK: Drill XX / 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 the receipt of this Application by the Department.

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 lessee 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:
WEST VIRGINIA OIL AND GAS CONSERVATION COMMISSION
1615 WASHINGTON STREET EAST
CHARLESTON, WV 25311
TELEPHONE: (304) 348-3092

RECEIVED
OCT 12 1982
OIL & GAS DIVISION
DEPT. OF MINES
BLANKET BOND

04/05/2024

Clint Hurt & Associates, Inc.

Well Operator

By I. David Bartram
Its Production Superintendent

PROPOSED WORK ORDER

(12-81)

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

DRILLING CONTRACTOR (IF KNOWN) Clint Hurt & Associates, Inc.

Address P.O. Box 388

Elkview, W.Va. 25071

GEOLOGICAL TARGET FORMATION, Marcellus Shale

Estimated depth of completed well, _____ feet Rotary XX / Cable tools _____ /

Approximate water strata depths: Fresh, N/A feet; salt, _____ feet.

Approximate coal seam depths: None Is coal being mined in the area? Yes _____ / No XX /

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	9 5/8	-	36#	XX		<u>260'</u>	<u>260'</u>	Circulate to Surface		
Fresh Water										
Coal										
Intermediate	7"		20#	XX		2150	2150	800'		
Production	4 1/2	J55	10.5	XX			5200	to 2150		Depths set
Tubing										
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**
OPERATIONS HAVE NOT COMMENCED BY 6-12-83
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 _____

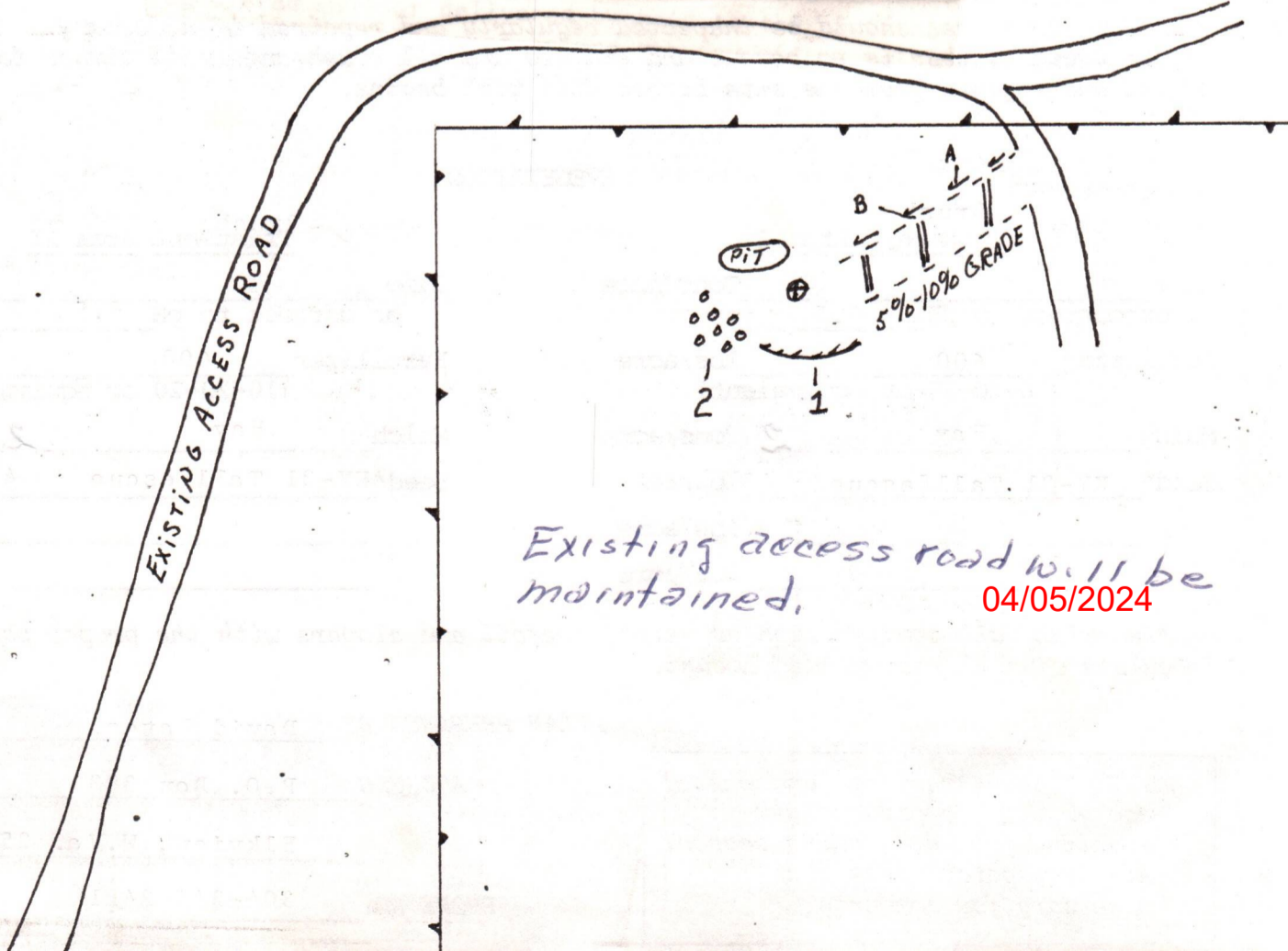
By _____
Its _____

04/05/2024

ATTN
INV
QUAL

Sket
drill
part

wellsite
the first



Existing access road will be maintained.

04/05/2024



IV-9
(Rev 8-81)

DATE OCTOBER 11 1982

WELL NO. HARDBARGER #1

State of West Virginia

API NO. 047 - 085 - 5942

Department of Mines

RECEIVED
OCT 11 1982
OIL & GAS DIVISION
DEPT. OF MINES

04/05/2024

PLAN PREPARED BY David Bates

ADDRESS P.O. Box 388

Elkview, W.Va. 25071

PHONE NO. 304-344-2401

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

ASSIGNMENT OF INTEREST
IN
OIL AND GAS LEASE

9-12
RECEIVED

OCT 12 1982

OIL & GAS DIVISION
DEPT. OF MINES

This assignment of fractional interest in Oil and Gas Lease made and entered into this 7th day of MAY, 1982, by and between Joseph S. Crans and CLINT HURT & ASSOCIATES, INC, his wife, parties of the First Part Known as the Lessor, and Party of the Second Part, known as the Assignee.

WITNESSETH THAT WHEREAS, the male First Party is, subject to overriding interests, the owner of a Gas and Oil Lease upon a tract of land located in Ritchie County, West Virginia. Subsequently assigned to Male First Party and dated August 5, 1966, and recorded in Lease Book No. 108, Page 491, Ritchie County Records.

Now, therefore, in consideration of one dollar and other consideration, the receipt of which is hereby acknowledged, the First Parties do hereby sell and assign and set over, without warranty, unto the Party of the Second Part ITS heirs and assigns forever, an undivided 100% working interest in the oil and gas lease above mentioned together with ITS wells and equipment.

Said interest being based upon the working interest exclusive of the one-eighth royalty interest reserved to the land owner and the 1/32 overriding interest now owned by other parties.

The above tract of land is bounded and described as follows:

NORTH, by the lands of lease more particularly described in
EAST, by the lands of LEASE book 94, Page 49 of Ritchie County,
SOUTH, by the lands of W. VA. This Assignment shall be subject to
WEST, by the lands of the option Agreement executed by both parties
containing 57 1/2 (Fifty seven and 1/2) acres, more or less. Dated April 5, 1982.

This assignment is made subject to all the terms and conditions of the aforesaid lease.

IN WITNESS WHEREOF we have hereto set our hands and seals.

ATTEST: _____
Witness

By: Joseph S Crans SEAL
Owner

STATE OF W. Va
COUNTY OF Cabell

ss.

Before me, the undersigned authority within and for the above named County, personally appeared Joseph S. Crans and _____, who acknowledged that they did sign the above assignment and transfer for the uses and purposes therein mentioned.

IN WITNESS WHEREOF, I have hereunto affixed my signature and official seal this 7th day of MAY, 1982. My commission expires 8/4 04/05/2024, 1985.

Hea S Barkman
Notary Public

04/05/2024

RECEIVED

JAN 31 1983

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES



IV-35
(Rev 8-81)

Date 12-22-82
Operator's
Well No. #1
Farm Hardbarger
API No. 47-085-5942

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 X / Gas X / Liquid Injection / Waste Disposal /
(If "Gas," Production X / Underground Storage / Deep / Shallow X /)

LOCATION: Elevation: 1078.41 Watershed Wolfpen Run
District: Union County Ritchie Quadrangle Pullman 7.5

COMPANY Clint Hurt & Associates, Inc.

ADDRESS P.O. Box 388 Elkview, WV 25071

DESIGNATED AGENT I. David Bartram

ADDRESS Same

SURFACE OWNER Winnie Hardbarger et al

ADDRESS Harrisville, WV 26362

MINERAL RIGHTS OWNER Winnie Hardbarger et al

ADDRESS Same

OIL AND GAS INSPECTOR FOR THIS WORK Sam

Hersman ADDRESS P.O. Box 66 Smithville

PERMIT ISSUED

DRILLING COMMENCED 10-14-82

DRILLING COMPLETED 10-21-82

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	253	253	100 sks
8 5/8			
7	2180	2180	130 sks
5 1/2			
4 1/2	5188 kb	5188kb	235 sks
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Devonian (Ohio) Shale Depth feet

Depth of completed well 5198 feet Rotary X / Cable Tools

Water strata depth: Fresh feet; Salt feet

Coal seam depths: Is coal being mined in the area?

OPEN FLOW DATA

Producing formation Devonian Shale Pay zone depth feet

Gas: Initial open flow Mcf/d Oil: Initial open flow Bbl/d

Final open flow 600 Mcf/d Final open flow 0 Bbl/d

Time of open flow between initial and final tests 6 hours

Static rock pressure 875 psig (surface measurement) after 24 hours shut in

(If applicable due to multiple completion--)

04/05/2024

Second producing formation Pay zone depth feet

Gas: Initial open flow Mcf/d Oil: Initial open flow Bbl/d

Final open flow Mcf/d Oil: Final open flow 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)

RT: 5942

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

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
					Including indication of all fresh and salt water, coal, oil and gas
Soil			0	15	
Sandstone & Shale			15	100	
Sandstone & Shale			100	500	
Sandstone & Shale			500	1000	
Sandstone, shale & lime			1000	1500	
Sandstone, shale & lime			1500	2000	
Greenbrier ls. Interval			2000	2147	
Big Injin			2147	2181	
Shale			2181	2200	
Shale			2200	2300	
Siltstone & Shale			2300	2400	
Wier.			2400	2450	
Shale & Siltstone			2450	2603	
Berea Interval			2603	2615	
Siltstone & Shale			2615	2700	
Siltstone			2700	2762	
Gordon Interval			2762	2815	
Siltstone			2815	2877	
Fifth Sand			2877	2886	
Shale			2886	2900	
Siltstone			2900	3000	
Shaly siltstone			3000	3435	
Warren			3435	3493	
Shale			3493	3500	
Siltstone & Shale			3500	4000	
Shale & Sandy Siltstone			4000	4500	
Shale			4500	4525	
Riley			4525	4566	
Shale			4566	5000	
Shale			5000	5035	
Sandy Siltstone			5035	5059	
Shale			5059	5119	
Sandy siltstone			5119	5161	
Shale			5161	5200	

(Attach separate sheets as necessary)

Clint Hurt & Associates, Inc.

Well Operator

04/05/2024

By: David Bartram

Date: 12-22-82

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."

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

RECEIVED

OCT 20 1982

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

INSPECTOR'S WELL REPORT

Permit No. 85-5942

Oil or Gas Well _____
(KIND)

Company Clint Hurt Ass. Inc.

Address _____

Farm Winnie Hardbarger

Well No. 1

District Union County Ritchie

Drilling commenced 10-14-82

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			
16			Kind of Packer _____
13			
10			Size of _____
8 1/4			
6 5/8			Depth set _____
5 3/16			
3			Perf. top _____
2			Perf. bottom _____
Liners Used			Perf. top _____
			Perf. bottom _____

CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____

NAME OF SERVICE COMPANY _____

COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES

_____ FEET _____ INCHES _____ FEET _____ INCHES

_____ FEET _____ INCHES _____ FEET _____ INCHES

Drillers' Names Allen Huffman / John M. Croskey

Clint Hurt Rig # 1 ^{Tool Pusher} Danny Starcher

Remarks: Ran 253 foot of 9 5/8 casing
Hallidurston ran 100 sacks reg with 2 r.c.c.
Plug Down at 6:15 A.M.

10-15-82
DATE

Samuel M. Heroman 04/05/2024
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: _____

_____ I hereby certify I visited the above well on this date.

DATE

04/05/2024

DISTRICT WELL INSPECTOR

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

RECEIVED

OCT 22 1982

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

INSPECTOR'S WELL REPORT

Permit No. 85-5942

Oil or Gas Well _____
(KIND)

Company <u>Clint Hurt Ass. Inc.</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address _____	Size			
Farm <u>Winnis Hardberger</u>	16			Kind of Packer _____
Well No. <u>1</u>	13			
District <u>Union</u> County <u>Ritchie</u>	10			Size of _____
Drilling commenced <u>10-14-82</u>	8 1/4			
Drilling completed _____ Total depth _____	6 3/8			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 Allen Huffman - John M. Croskey
Clint Hurt Ass. Inc. Rig #1 Tool Pusher
Remarks: Danny Stascher

Ran 2168' foot of 7" casing
Halliburton ran 130 sacks reg with 3% col.
Plug Down at 5:15 A.M.

10-18-82
DATE

Samuel N. Hersman 04/05/2024
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: _____

_____ I hereby certify I visited the above well on this date.
DATE 04/05/2024
DISTRICT WELL INSPECTOR

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

RECEIVED

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES
OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

INSPECTOR'S WELL REPORT

Permit No. 85-5942

Oil or Gas Well _____
(KIND)

Company <u>Clint Hurt + Assoc. Inc.</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address _____	Size			
Farm <u>Winnie Hardbarger</u>	16			Kind of Packer _____
Well No. <u>1</u>	13			Size of _____
District <u>Union</u> County <u>Ritchie</u>	10			Depth set _____
Drilling commenced <u>10-14-82</u>	8 1/4			Perf. top _____
Drilling completed <u>10-21-82</u> Total depth <u>5205</u>	6 5/8			Perf. bottom _____
Date shot _____ Depth of shot _____	5 3/16			Perf. top _____
Initial open flow _____ /10ths Water in _____ Inch	3			Perf. bottom _____
Open flow after tubing _____ /10ths Merc. in _____ Inch	2			Perf. top _____
Volume _____ Cu. Ft.	Liners Used			Perf. bottom _____
Rock pressure _____ lbs. _____ hrs.	CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____			
Oil _____ bbls., 1st 24 hrs.	NAME OF SERVICE COMPANY _____			
Fresh water _____ feet _____ feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
Salt water _____ feet _____ feet	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names Allen Huffman / John M. Crosskey / Randy Short
Clint Hurt Assoc. Inc. Rig #1

Remarks: Tool Pusher Danny Starcher
Finish well T.D. at 5205
Run 5197 foot of 4 1/2" casing
Halliburton to cement well

10-21-82
DATE

Samuel M. Hersman 04/05/2024
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:

_____ I hereby certify I visited the above well on this date.

DATE

04/05/2024

DISTRICT WELL INSPECTOR

RECEIVED

SEP 6 - 1983

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

OIL & GAS DIVISION
DEPT. OF INSPECTOR'S WELL REPORT

Permit No. 85-5942

Oil or Gas Well
(KIND)

Company CLINT HURT ASS. INC.
 Address _____
 Farm WANNIE HARDBARGER
 Well No. 1^H
 District UNION County RITCHIE
 Drilling commenced _____
 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			
16			Kind of Packer
13			
10			Size of
8 1/4			
6 1/2			Depth set
5 3/16			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____
 NAME OF SERVICE COMPANY _____
 COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
 _____ FEET _____ INCHES FEET _____ INCHES
 _____ FEET _____ INCHES FEET _____ INCHES

Drillers' Names _____

Remarks:

FINAL INSPECTION
O.K. TO RELEASE

9-2-83

DATE

[Signature]
04/05/2024
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			Packer			
Location		Amount	Location			
PLUGS USED AND DEPTH PLACED			BRIDGES		CASING AND TUBING	
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION		RECOVERED	SIZE
						LOST

Drillers' Names _____

Remarks: _____

_____ I hereby certify I visited the above well on this date.

DATE

04/05/2024

DISTRICT WELL INSPECTOR



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

WALTER N. MILLER
DIRECTOR

THEODORE M. STREIT
ADMINISTRATOR

September 9, 1983

Clint Hurt & Associates, Inc.
P. O. Box 388
Elkview, W. Va. 25071

Gentlemen:

The required records and reports have been received in this office and the District Inspectors have submitted FINAL INSPECTIONS for the following wells listed below:

<u>PERMIT NUMBER</u>	<u>FARM AND WELL NUMBER</u>	<u>DISTRICT</u>
RIT-5418	Fonda Daggett, #1	Union
RIT-5478	Sadie McGinnis Heirs, #1	Union
RIT-5697	Randall Stout, #1	Grant
RIT-5942	Winnie Hardbarger, et al, #1	Union
RIT-5957	R. Radcliff, et al, #1	Union
RIT-5958	Dale Radcliff, et al, #2	Union

In accordance with Chapter 22, Article 4, Section 2, the above captioned wells will remain under bond coverage for "life of wells." Reclamation requirements have been approved.....

Very truly yours,

Theodore M. Streit, Administrator

04/05/2024

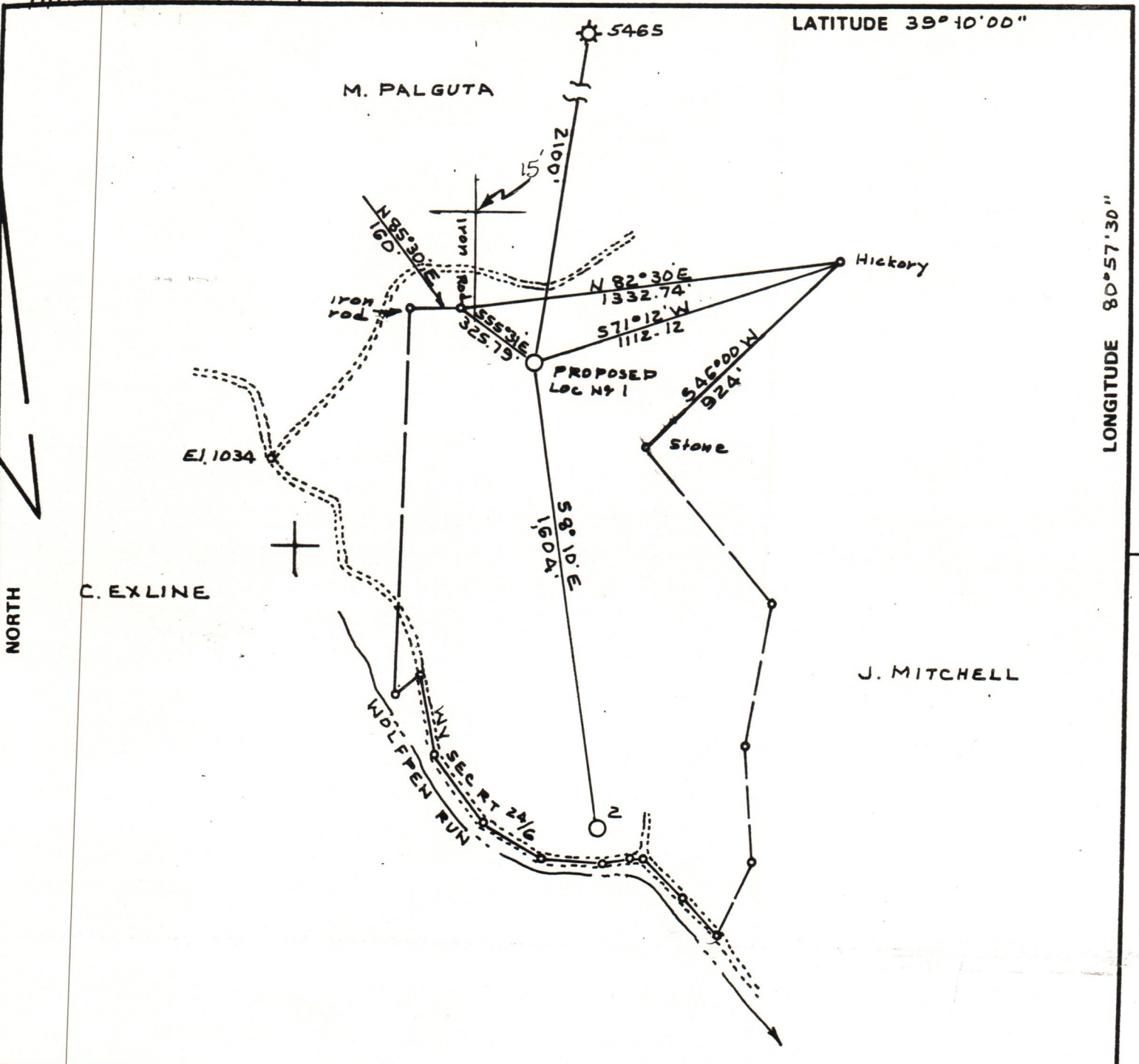
M.A. 10/12/82

11500'

LATITUDE 39° 10' 00"

LONGITUDE 80° 57' 30"

NORTH



FILE NO. BK 71 PG 82
 DRAWING NO. _____
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1-200
 PROVEN SOURCE OF ELEVATION Read Forks
1000' SW LOC E1 1034.00'

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) C. S. Volney Jr.
 R.P.E. _____ E.L.S. 92

PLACE SEAL HERE

(+) 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 OCT 8, 19 82
 OPERATOR'S WELL NO. 1
 API WELL NO. 47-085-5942
 STATE COUNTY PERMIT

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X
 LOCATION: ELEVATION 1078.41 WATER SHED WOLF PEN RUN
 DISTRICT UNION COUNTY RITCHIE
 QUADRANGLE PULLMAN 7.5'

SURFACE OWNER WINNIE HARDBARGER, ETAL ACREAGE 57.50
 OIL & GAS ROYALTY OWNER WINNIE HARDBARGER, ETAL LEASE ACREAGE _____
 LEASE NO. _____

04/05/2024

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 MARCELLUS ESTIMATED DEPTH 5400
 WELL OPERATOR CLINT HURT & ASSOC. DESIGNATED AGENT DAVID BARTRUM
 ADDRESS P.O. BOX 388 ADDRESS P.O. BOX 388
ELKYIEW WVA 25071 ELKYIEW WVA 25071



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

Q-11
Rit-5942

TO: ALL OPERATORS
 FROM: Theodore M. Streit, Administrative Assistant
 RE: New Permit Application Forms

DATE: June 10, 1982

On March 13, 1982, the legislature passed HB-154 which goes into effect June 11, 1982. This bill requires proof of one-eighth (1/8) royalty payment to the royalty owners before any well permit can be issued.

We are at the present time printing up new Permit Application Forms which should be available by next month. In the meantime you will be required to send in a notarized affidavit (sample copy below) with each permit application.

AFFIDAVIT

I, J. DAVID BARTRAM (the above designated owner or operator, or authorized representative thereof) hereby verifies that the owner or owners of the mineral estate upon which this proposed well is to be located will receive minimum one-eighth (1/8) royalty payments for any gas or oil extracted therefrom. Copies of the 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, co-owner(s), and coal lessee on or before the day of the mailing or delivery of this Permit Application to the Department of Mines at Charleston, West Virginia.

Signed: J. David Bartram
 (Owner, Operator, or Authorized Representative)

Notary: Trila J. Archer (Signed)

My commission expires February 2, 1989.

RECEIVED

OCT 12 1982

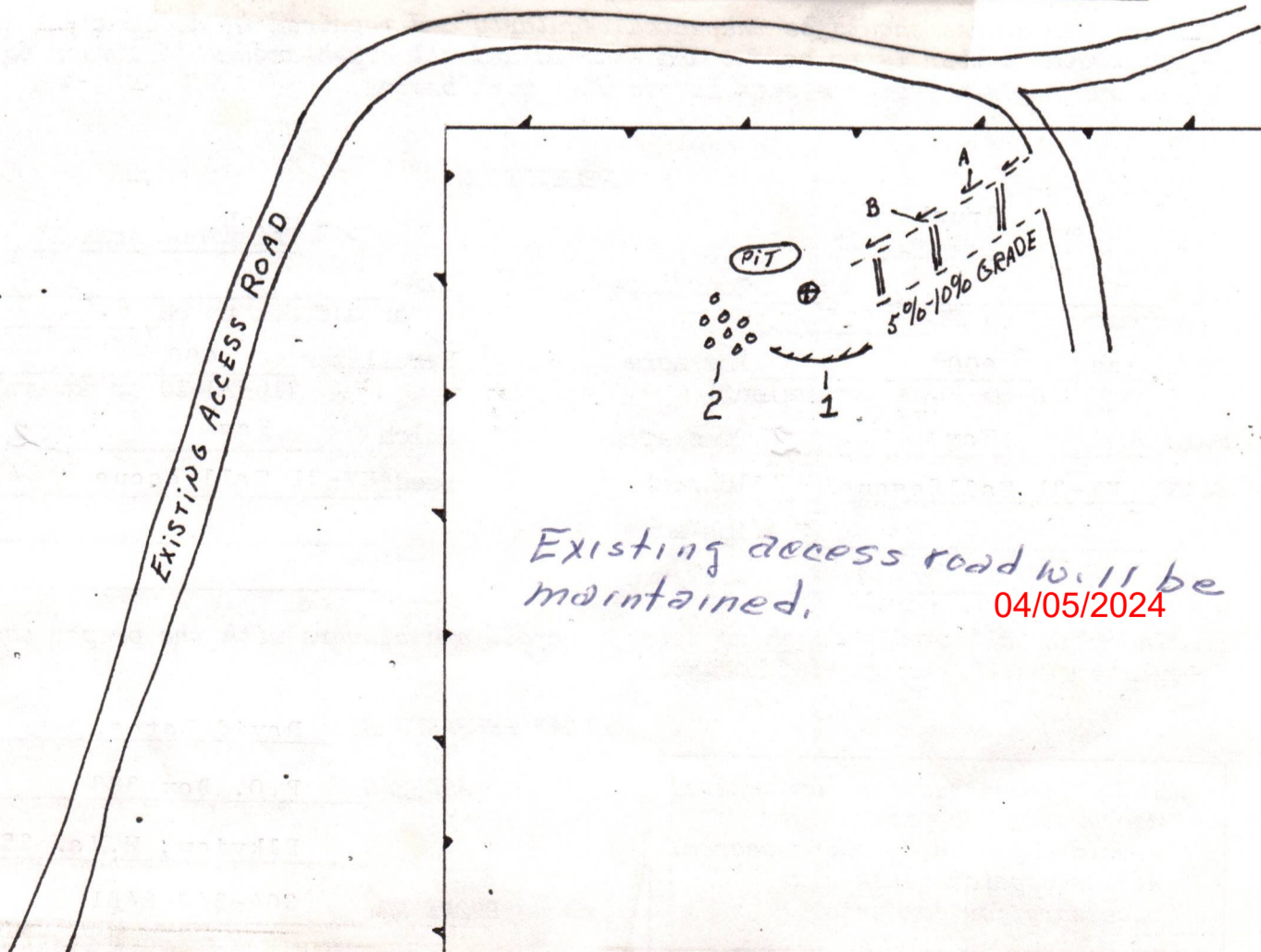
OIL & GAS DIVISION
 DEPT. OF MINES

04/05/2024

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Existing access road will be maintained.

04/05/2024



IV-9
(Rev 8-81)

DATE OCTOBER 11 1982
WELL NO. HARDBARGER #1
API NO. 047 - 085 - 5942

State of West Virginia
Department of Mines
Oil and Gas Division

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME Clint Hurt & Associates, Inc. DESIGNATED AGENT I. David Bartram
Address P.O. Box 388 Elkview, W.Va. 25071 Address Same
Telephone (304) 344-2401 Telephone Same
LANDOWNER Winnie Hardbarger SOIL CONS. DISTRICT Little Kanawha
Revegetation to be carried out by I. David Bartram (Agent)

This plan has been reviewed by Little Kanawha SCD. All corrections and additions become a part of this plan: 10-11-82 (Date)

Jarrett Newton
(SCD Agent)

ACCESS ROAD	LOCATION
Structure <u>Drainage Ditch</u> (A)	Structure <u>Diversion Ditch</u> (1)
Spacing _____	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>80'</u>	Material <u>Brush & Stone</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 _____

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OIL & GAS DIVISION
DEPT. 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

Brush Treatment Area I	Brush Treatment Area II
Lime _____ Tons/acre or correct to pH <u>6.5</u>	Lime _____ Tons/acre or correct to pH <u>6.5</u>
Fertilizer <u>600</u> lbs/acre (10-20-20 or equivalent)	Fertilizer <u>600</u> lbs/acre (10-20-20 or equivalent)
Mulch <u>Hay</u> <u>2</u> Tons/acre	Mulch <u>Hay</u> <u>2</u> Tons/acre
Seed* <u>KY-31 Tallfescue</u> <u>45</u> lbs/acre	Seed* <u>KY-31 Tallfescue</u> <u>45</u> lbs/acre
_____ lbs/acre	_____ lbs/acre
_____ lbs/acre	_____ lbs/acre

04/05/2024

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

PLAN PREPARED BY David Bates
ADDRESS P.O. Box 388
Elkview, W.Va. 25071
PHONE NO. 304-344-2401

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