



west virginia department of environmental protection

Office of Oil and Gas
601 57th Street, S.E.
Charleston, WV 25304
(304) 926-0450
fax: (304) 926-0452

Harold D. Ward, Cabinet Secretary
www.dep.wv.gov

Tuesday, August 16, 2022
WELL WORK PLUGGING PERMIT
Vertical Plugging

UNKNOWN - DEP PAID PLUGGING CONTRACT
601 57TH STREET

CHARLESTON, WV 25304

Re: Permit approval for 1
47-097-01588-00-00

This well work permit is evidence of permission granted to perform the specified well work at the location described on the attached pages and located on the attached plat, subject to the provisions of Chapter 22 of the West Virginia Code of 1931, as amended, and all rules and regulations promulgated thereunder, and to any additional specific conditions and provisions outlined in the pages attached hereto. Notification shall be given by the operator to the Oil and Gas Inspector at least 24 hours prior to the construction of roads, locations, and/or pits for any permitted work. In addition, the well operator shall notify the same inspector 24 hours before any actual well work is commenced and prior to running and cementing casing. Spills or emergency discharges must be promptly reported by the operator to 1-800-642-3074 and to the Oil and Gas Inspector.

Upon completion of the plugging well work, the above named operator will reclaim the site according to the provisions of WV Code 22-6-30. Please be advised that form WR-38, Affidavit of Plugging and Filling Well, is to be submitted to this office within 90 days of completion of permitted well work, as should form WR-34 Discharge Monitoring Report within 30 days of discharge of pits, if applicable. Failure to abide by all statutory and regulatory provisions governing all duties and operations hereunder may result in suspension or revocation of this permit and, in addition, may result in civil and/or criminal penalties being imposed upon the operators.

Per 35 CSR 4-5.2.g this permit will expire in two (2) years from the issue date unless permitted well work is commenced. If there are any questions, please feel free to contact me at (304) 926- 0450.

James A. Martin
Chief

Operator's Well Number: 1
Farm Name: MAYS, WILLIS J.
U.S. WELL NUMBER: 47-097-01588-00-00
Vertical Plugging
Date Issued: 8/16/2022

PERMIT CONDITIONS

West Virginia Code § 22-6-11 allows the Office of Oil and Gas to place specific conditions upon this permit. Permit conditions have the same effect as law. Failure to adhere to the specified permit conditions may result in enforcement action.

CONDITIONS

1. All pits must be lined with a minimum of 20 mil thickness synthetic liner.
2. In the event of an accident or explosion causing loss of life or serious personal injury in or about the well or while working on the well, the well operator or its contractor shall give notice, stating the particulars of the accident or explosion, to the oil and gas inspector and the Chief within twenty-four (24) hours.
3. Well work activities shall not constitute a hazard to the safety of persons.

4709701588f

WW-4B
Rev. 2/01

1) Date June 23, 2022
2) Operator's
Well No. Mays #1
3) API Well No. 47-097-01588

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS

APPLICATION FOR A PERMIT TO PLUG AND ABANDON

4) Well Type: Oil ____ / Gas X / Liquid injection ____ / Waste disposal ____ /
(If "Gas, Production ____ or Underground storage ____) Deep ____ / Shallow ____

5) Location: Elevation 1241' Watershed West Fork
District Warren County Upsher Quadrangle Berlin

6) Well Operator Unknown- DEP Paid Plugging 7) Designated Agent Henry J. Harmon
Address 601 57th Street SE Address 601 57th Street SE
Charleston, WV 25304 Charleston, WV 25304

8) Oil and Gas Inspector to be notified Name Sam Ward
Address P.O. Box 2327
Buckhannon, WV 26201
9) Plugging Contractor Name _____
Address _____

10) Work Order: The work order for the manner of plugging this well is as follows:
See attached for Plugging Prognosis Mays #1

Notification must be given to the district oil and gas inspector 24 hours before permitted work can commence.

Work order approved by inspector DAVE SCRAMAGE Date 6-23-2022

JNM

08/19/2022

PLUGGING PROGNOSIS SUAN PROJECT "MAYS WELL"

1. Mobilize construction equipment and prepare the Mays well site brush location and build site using stone as needed.
2. Mobilize rig and plugging equipment to site.
3. Nipple up on existing well.
4. Pull tubing from well bore.
5. Free point 4 ½" casing and cut
6. Run in well with work string, mix and pump 6% gel to condition the well and set a minimum of 100' bottom hole plug, remove work string and WOC.
7. Tag bottom hole plug to ensure proper cement height if cement is of proper height.
8. Run in hole with work string and set a minimum of 100' cement plug across casing cut remove work string and pull 4 ½" casing and WOC.
9. Tag cement plug to ensure proper height.
10. Free point 7" casing and cut. If free point of 7" casing cannot be achieved below elevation the pipe will be ripped from approximately 50' below elevation to 50' above elevation.
11. Run in hole with work string and set a minimum of 100' cement plug across elevation from 1291'-1191' and remove work string and WOC.
12. If free point of 7" casing is found to be below elevation run in hole with work string and set a minimum of 100' cement plug across casing remove work string and 7" casing from well and WOC.
13. Tag cement plug to ensure proper height.
14. Free point 8 5/8" casing and cut pipe. If no free point is found rip pipe from approximately 400' to 300' run in hole with work string and set a minimum of 150' cement plug from approximately 400' to 250' remove work string and WOC.
15. Tag cement plug to ensure proper height if proper height is achieved run in well and rip casing from approximately 100' to surface.
16. TIH with work string and set a cement plug from a minimum of 100' to surface and set monument with API attached.

PARTICIPANTS:

DATE: NOV 06 1979

BUYER-SELLER COI

WELL OPERATOR: SKYLARK GAS CO.

017305

FIRST PURCHASER: Equitable Gas Company

005939

OTHER:

W. Va. Department of Mines, Oil & Gas Division
WELL DETERMINATION FILE NUMBER:

790228-108-097-1588

Use Above File Number on all Communications
Relating to Determination of this Well

Qualifies as Section 188, straggler well.

Robert [Signature]

CHECK EACH ITEM AS COMPLETE OR NOTE WHAT IS MISSING

ITEM NO.

- 1 FERC-121 Items not completed -- Line No. _____
 - 2 IV-1 - Agent Leon D. Harpold
 - 3 IV-2 - Well Permit
 - 4 IV-6 - Well Plat
 - 5 IV-35 - Well Record Drilling Deepening _____
 - 6 IV-36 - Gas-Oil Test: Gas Only Was Oil Produced? _____ Ratio _____
 - 7 IV-39 - Annual Production _____ years 5 mos
 - 8 IV-40 - 90 day Production 90 Days off Line: taken from 39 form
 - 9 IV-48 - Application for Certification. Complete?
 - 10 - 17 IV Form #51 - 52 - 53 - 54 - 55 - (56) - 57 - 58. Com Affidavit Signed
 - 18 - 28 Other: Survey Logs Geological Charts Structure Map
1:4000 Map Well Illustrations Gas Analyses
 - (5) Date Completed: 4-10-75 5-30-75 Deepened _____
 - (5) Production Depth: 2500-2525-2539-2545
 - (5) Production Formation: Sand & Slate shells
 - (5) Final OPEN FLOW Initial Potential: 2,900 mcf
 - (5) Final Rock Pressure Static R.P. Initially: 320" 24 hrs
 - (6) Other Gas Test: _____
 - (7) Avg. Daily Gas from Annual Production: $\frac{4065}{150} = 27.1 \text{ mcf}$
 - (8) Avg. Daily Gas from 90-day ending w/1-120 days: $\frac{3487}{90} = 38.7 \text{ mcf}$
 - (8) Line Pressure: N/A PSIG from Daily Report _____
 - (5) Oil Production: YES From Completion Report 1964-1970: 241424, 243036;
 - (10-17) Does lease inventory indicate enhanced recovery being done: NO
 - (10-17) Is affidavit signed? Notarized?
- Does official well record with the Department confirm the submitted information? YES
- Additional Information _____ Does computer program confirm? _____
- Was Determination Objected to? _____ By Whom? _____

MK 08/19/2022

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

Date July 27 1979
Operator's Well No. W. J. Mays No 1
API Well No. 47 097 1588
State West Virginia County Putnam

WELL CLASSIFICATION FORM

STRIPPER GAS WELL

NGPA Section 108

DESIGNATED AGENT Leon D. Harpold

ADDRESS Rt. 3, Box 260-C

Weston, W. Va. 26452

LOCATION: Elevation 1241

Watershed Rooting Creek

Dist. Warren County Upshur Quad. Weston SE

Gas Purchase Contract No. 5767A

Heter Chart Code 2-43-25-152804-1

Date of Contract 08-02-61

WELL OPERATOR Skylark Gas Co.

ADDRESS 219 East Main Street

St. Clairsville, Ohio 43950

GAS PURCHASER Equitable Gas Company

ADDRESS 420 Boulevard of the Allies

Pittsburgh, Pa. 15219

Provide a complete inventory of the lease and production equipment used for the well for the previous 24 months or, if less than 24 months, the period the well has been in production. Include a complete list of equipment or processes used in connection with recognized enhanced recovery techniques during completion or production. (Attach separate sheets, if necessary.)

21 feet of 13 3/8 inch casing

266 feet of 10 3/4 inch casing

1646 feet of 8 5/8 inch casing

2149 feet of 7 inch casing

2545 feet of 4 1/2 inch casing

2540 feet of 2 inch tubing

Line pipe

Surface fittings, valves, etc.

List all records reasonably available to you which contain information relevant to a determination of eligibility (including production records, B&O Tax Records and royalty payment records) and indicate the location of such records.

The following records are located at the company offices at 219 East Main Street, St. Clairsville, Ohio:

Production records as received from Equitable Gas Company

Annual Business & Occupation Tax Returns

County Personal Property Tax Returns

Royalty Records

Report No. CCA101PI PG 0000
Current Date - 2-27-79
Report Date - 12/31/78

Annual Report of Monthly Production-1978
Gas Volumes in MFC @ 14.73
Oil in Barrells @ 60 Degrees

Operator: Skylark Gas Co.

State of West Virginia
Department - Mines
Division - Oil and Gas

AP# 47 097 2 1588 0000
Farm: Willis J. Mays HRS
County: Upshur
Avg. Flow Pressure 40
Stub-in Pressure 80

	J	F	M	A	M	J	J	A	S	O	N	D	Totals
Gas MFC	39	0	0	0	0	0	0	0	0	541	1165	1403	915 Gas 4063
Oil BBL	23	33	34	28	35	28	28	35	28	28	35	27	Oil
Days Online	23	33	34	28	35	28	28	35	28	28	35	27	

Report No. CCA10121 PG 00032
 Current Date - 2-27-77
 Report Date - 12/31/77

Annual Report of Monthly Production- 1977
 Gas Volumes in MFC @ 14.73
 Oil in Barrels @ 60 Degrees

Operator: Skylark Gas Co.

State of West Virginia
 Department - Mines
 Division - Oil and Gas

AP# 47 097 2 1588 0000
 Farm: Willis J. Meys HRS
 County: Putnam
 Avg. Flow Pressure 40
 Shut-in Pressure 80

		Totals													
		Gas						Oil							
		7465						508							
Gas MFC	315	848	118	158	230	983	1083	29	35	27	29	34	29	28	35
Oil BBL	22	35	30	33	33	29	29	29	29	29	29	29	29	29	29
Days Online	22	35	30	33	33	29	29	29	29	29	29	29	29	29	29

4709701588P



47097015889
RECEIVED
JUN 23 1975
OIL & GAS DIVISION
DEPT. OF MINES

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Oil and Gas Division

WELL RECORD

Quadrangle Weston S-E #64

Permit No. UPS-1588

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

Company St. Clair Oil Company
Address 219 E. Main St., St. Clairsville, OH
Farm Willis J. Mays HRS Acres 78
Location (waters) Rooting Creek
Well No. One Elev. 1241
District Warren County Upshor
The surface of tract is owned, in fee by William A. and Helen L. Mays

Address P.O. Box 1814, Clarksburgh, WV 26301

Mineral rights are owned by William A. and Helen L. Mays Address Same as above

Drilling Commenced 4-10-75

Drilling Completed 5-30-75

Initial open flow 2,900,000 cu. ft. _____ bbls.

Final production _____ cu. ft. per day _____ bbls.

Well open _____ hrs. before test 320 HRS.

Well treatment details: 24 HRS

None well nat.

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size 20-16			
Cond. 13-10" 13 3/8	21	21	
9 5/8" 10 3/4	266	266	100 SKS
8 5/8"	1646	1646	
7	2149	2149	
5 1/2"			
4 1/2"			
3			
2			
Liners Used			

Attach copy of cementing record. 4-16-75 Dowell

Coal was encountered at None Feet _____ Inches _____
Fresh water None Feet _____ Salt Water 1982 - 1988 Feet 6
Producing Sand 5th Depth 2,539 to 2,545

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	Remarks
Clay			0	5		
Slate			5	20		
Lime			20	78		
Slate	Black		78	85		
Lime			85	105		
Redrock			105	236		
Slate	White		236	250		
Sand			250	290		
Lime			290	350		
Slate			350	400		
Redrock			400	450		
Slate			450	515		
Sand			515	540		
Lime	Dark		540	585		
Sand			585	750		
Slate	Black		750	760		
Lime			760	800		
Slate	Black		800	865		
Slate			865	925		
Sand			925	955		
Slate			955	1015		
Sand			1015	1045		

* Indicates Electric Log tops in the remarks section.

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	Remarks
Slate	Black		1045	1050		
Sand			1050	1115		
Slate			1115	1225		
Sand			1225	1287		
Lime			1287	1295		
Sand			1295	1335		
Redrock			1335	1440		
Lime	Dark		1440	1463		
Lime	Gritty		1463	1540		
Lime	Red		1540	1560		
Slate			1560	1585		
Little Lime			1585	1600		
Slate			1600	1640		
Big Lime			1640	1730		
Big Injun			1730	1830		
Lime	Dark		1830	1885		
Gritty Lime			1885	1970		Show of Oil 1964-1970
Sand Gantz			1970	2150		Show Water 1982
Slate			2150	2155		Hole Full of Water 1988
Sand			2155	2220		
Lime	Red		2220	2395		Show of Oil 2414-24
Slate			2395	2400		also 2430-36
Sand			2400	2445		
Slate Shells			2445	2500		Show of Oil 2505
Sand			2500	2525		
Slate Shells			2525	2539		Show of Gas 2522
Sand			2539	2545		
Total Depth			2545			Gas at 2540 ft. 42/10 Water through 17# 7 inch pipe

2,900,000 Nat.

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	Remarks
Slate	Black		0	50		
Lime			50	78		
Sand			78	102		
Redrock			102	132		
Slate	White		132	150		
Sand			150	170		
Lime			170	190		
Slate			190	210		
Redrock			210	230		
Slate			230	250		
Sand			250	270		
Lime	Dark		270	290		
Sand			290	310		
Slate	Black		310	330		
Slate			330	350		

Date 6-6 1975
 APPROVED St. Clair Oil Company Owner
 By *Harry Jones*
 (Title) President

4709701588P

RECEIVED

JUN 19 1978

02.11

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

OIL & GAS DIVISION
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. UPS-1588

Oil or Gas Well GAS
(KIND)

Company <u>ST CLAIR OIL CO</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address _____	Size			
Farm <u>WILLIS J. MAYS</u>	16			Kind of Packer _____
Well No. <u>#1</u>	18			
District <u>WARREN</u> County <u>UPSHUR</u>	10			Size of _____
Drilling commenced <u>3-12-78</u>	8 1/2			
Drilling completed _____ Total depth _____	6 1/2			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:

LOCATION MEETS REQUIREMENTS
O.K. TO RELEASE

6/16-78

DATE

Robert Stewart 511

DEPT. WELL INSPECTOR

08/19/2022

4709701588P

OG-11

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

RECEIVED

MAY 16 1975

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

Permit No. WV-1588

Oil or Gas Well _____
(KIND)

Company St. Clair Oil Co.
 Address St. Clairsville, Ohio
 Farm Walter J. Mays
 Well No. _____
 District Warren County Upshur
 Drilling commenced 4-10-75
 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 20 feet _____ feet
 Salt water _____ feet _____ feet

CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Size			Kind of Packer
16			
13	21		
10 3/4	2 1/2		Size of _____
8 1/2	16 1/2		Depth set _____
6			Perf. top _____
5 3/16			Perf. bottom _____
3			Perf. top _____
2			Perf. bottom _____
Liners Used			Perf. top _____
			Perf. bottom _____

CASING CEMENTED 10 3/4 SIZE 2 1/2 No. FT. _____ Date _____
 NAME OF SERVICE COMPANY St. Clair Oil Co.

COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
 _____ FEET _____ INCHES _____ FEET _____ INCHES
 _____ FEET _____ INCHES _____ FEET _____ INCHES

Drillers' Names _____

Remarks: Drill. at 1950 ft.
Get OK
St. Clair Oil Co. - Spudon
Run time 1640-1730
Run in 1730-1830

5-12-75
DATE

Paul P. Thomas
DISTRICT WELL INSPECTOR

4709701588P

00-11

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

RECEIVED

MAY 7 1975

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

Permit No. LPD 1588

Oil or Gas Well
(KIND)

Company	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
<u>McKain & Co.</u>	Size			
Address <u>St. Clairsville, Ohio</u>	16			Kind of Packer
Farm <u>Wicks J. Traps</u>	13	<u>21'</u>		
Well No. <u>1</u>	10 3/4"	<u>2 1/2"</u>		Size of
District <u>Wagner</u> County <u>Franklin</u>	8 1/2"	<u>1640</u>		Depth set
Drilling commenced <u>4-10-75</u>	6"			
Drilling completed	5 3/16"			Perf. top
Date shot	3"			Perf. bottom
Initial open flow	2"			Perf. top
Open flow after tubing	Liners Used			Perf. bottom
Volume	CASING CEMENTED <u>10 3/4" SIZE 7 1/2" No. RT</u>			Date
Stock pressure	NAME OF SERVICE COMPANY <u>Concrete Surface Drilling</u>			
Oil	COAL WAS ENCOUNTERED AT			FEET INCHES
Fresh water				FEET INCHES
Salt water				FEET INCHES

Drillers' Names Riffle J. Riffle

Remarks: Running 8" casing
Big time 1640-

5-5-75
DATE

Paul Thomas
DISTRICT WELL INSPECTOR

08/19/2022

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

RECEIVED

APR 28 1975

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

Permit No. UP-1588

Oil or Gas Well
(KIND)

Company St. Clair Oil Co.
 Address St. Clairsville, Ohio
 Farm Willis J. MAY
 Well No. 1
 District WARREN County UPPER MERICA
 Drilling commenced 4-10-75
 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 20 feet _____ feet
 Salt water _____ feet _____ feet

CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Size			20-1/2 (19.75) 16 (15.75)
16			Kind of Packer
13	21'		Size of
10			Depth set
8	24'		Perf. top
5 3/16			Perf. bottom
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED 10 3/4" SIZE 24' No. FT. Date _____
 Cement to Surface Daniel
 NAME OF SERVICE COMPANY

COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
 _____ FEET _____ INCHES
 _____ FEET _____ INCHES

Drillers' Names

R. F. Fie + R. F. Fie
St. Clair Oil Co - Spoden

Remarks:

Drill. at 1003 ft.
Stop

with a test the above well on this date

4-25-75

DATE

Paul R. [Signature]
DISTRICT WELL INSPECTOR

4709701588P

00.11

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

RECEIVED

APR 28 1975

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

Permit No. UPS-1588

Oil or Gas Well
KIND

Company St Clair Oil Co.
Address St Clairsville, Ohio
Farm Willis J. Mays
Well No. 1
District Adrian County Adrian

CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Size			10 1/2" 2 1/2" galv
16			Kind of Packer
13	21'		
10 3/4"	266'		Size of
8 1/4"			
6"			Depth set
5 3/16"			
3"			Perf. top
2"			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

Drilling commenced 4-10-75
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 20 feet _____ feet
Salt water _____ feet _____ feet

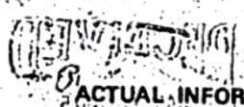
CASING CEMENTED 10 3/4" SIZE 266' No. FT. _____ Date _____
Cement to surface
NAME OF SERVICE COMPANY Dowell
COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
_____ FEET _____ INCHES
_____ FEET _____ INCHES

Drillers' Names Riffe & Riffe
St. Clair Oil Co - Spudder

Remarks: Drill. at 943p.
Pit OK

4-23-75
DATE

Paul Pham
DISTRICT WELL INSPECTOR



THIS IS AN ESTIMATE ONLY

ACTUAL INFORMATION WILL BE SUBMITTED ON OG-10 UPON COMPLETION

PROPOSED WORK ORDER TO drill DRILL DEEPEN _____ FRACTURE STIMULATE _____

DRILLING CONTRACTOR: (If Known) _____ RESPONSIBLE AGENT: Leon D. Harpold 26452

NAME _____ ADDRESS: 3 Box 260c Weston, W. Va.

TELEPHONE _____ TELEPHONE 304-269-4005

ESTIMATED DEPTH OF COMPLETED WELL: 4520 ROTARY _____ CABLE TOOLS Cable

PROPOSED GEOLOGICAL FORMATION: _____

TYPE OF WELL: OIL GAS _____ GAS COMB. _____ STORAGE _____ DISPOSAL _____

RECYCLING _____ WATER FLOOD _____ OTHER _____

TENTATIVE CASING PROGRAM:

CASING AND TUBING SIZE	USED FOR DRILLING	LEFT IN WELL	CEMENT FILL UP OR SACKS - CUBIC FT.
20-16 13 3/8	21		
13-10 10 3/4	390	390	fill to top
9-5/8 8 5/8	1540		
7 7	2090		
4 1/2 4 1/2		4520	390 sks.
3			Perf. Top
2			Perf. Bottom
Links			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 60 FEET SALT WATER 1960 FEET

APPROXIMATE COAL DEPTHS 350

IS COAL BEING MINED IN THE AREA? no BY WHOM? _____

TO DRILL: SUBMIT FIVE (5) COPIES OF OG - 1, \$100.00 PERMIT FEE, PERFORMANCE BOND AND PERMANENT COPY OF PLAT.

TO DRILL DEEPER OR REDRILL: SUBMIT FIVE (5) COPIES OF OG - 1, SHOWING ORIGINAL PERMIT NUMBER AND PERFORMANCE BOND. ON WELLS DRILLED PRIOR TO 1929, A PERMANENT COPY OF THE PLAT AND THE ORIGINAL WELL RECORD MUST ALSO BE SUBMITTED.

TO FRACTURE - STIMULATE: OIL AND/OR GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1929, FIVE (5) COPIES OG - 1, PERFORMANCE BOND, PERMANENT PLAT AND ORIGINAL WELL RECORD. OIL AND/OR GAS WELL ORIGINALLY DRILLED ON AND/OR AFTER JUNE 5, 1929, FIVE COPIES OG - 1, SHOWING ORIGINAL PERMIT NUMBER AND PERFORMANCE BOND.

Required forms must be filed within ninety (90) days of completion for bond release. Inspector to be notified twenty-four (24) hours in advance.

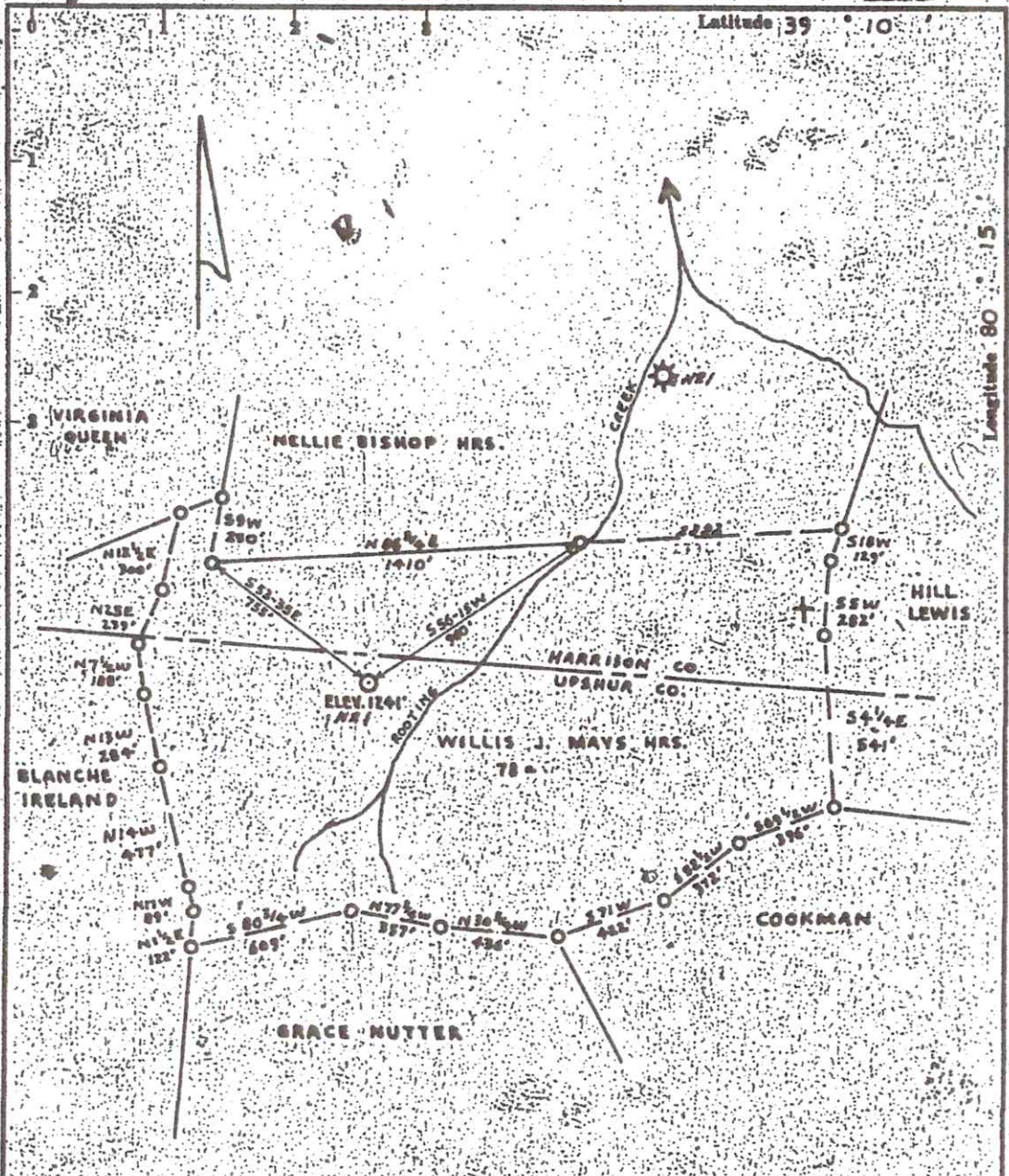
The following waiver must be completed by the coal operator if the permit is to be issued within ten days of receipt thereof.

WAIVER: I the undersigned, Agent for _____ Coal Company, Owner or Operator of the coal under this lease have examined and place on our mine maps this proposed well location.

We the _____ Coal Company have no objections to said well being drilled at this location, providing operator has complied with all rules and regulations in Articles 4, 5, and 7, Chapter 22 of the West Virginia Code.

For Coal Company

Official Title



- Fracture...
- Redrill...
- New Location.
- Drill Deeper...
- Abandonment...

Source of Elevation **WRI BISHOP WELL - 1119' Elev. 411.5**
 I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by paragraph 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia.
 Minimum accuracy, one part in 200

Company ST. CLAIR OIL CO.	
Address ST. CLAIRSVILLE, OHIO 43950	
Farm WILLIS J. MAYS HRS.	
Tract _____	Acres 78 Lease No. 24766-2
Well (Farm) No. 1	Serial No. 39810
Elevation (Spirit Level) 1241'	
Quadrangle WESTON SE 2 1-2	
County UPSHUR	District WARREN
Engineer R. J. [Signature]	
Engineer's Registration No. L.L.S. 108	
File No. 225/21	Drawing No. _____
Date 9-14-78	Scale 1" = 500'

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

WELL LOCATION MAP
 FILE NO. **47-097-1588-conn.**
Reissued 2/28/88
 + Denotes location of well on United States Topographic Maps, scale 1 to 62,500, latitude and longitude lines being represented by border lines as shown.
 — Denotes one inch spaces on border line of original tracing.

47-097

4709701588P

WW-4A
Revised 6-07

1) Date: 6-23-2022
2) Operator's Well Number
Mays #1

3) API Well No.: 47 - 097 - 01588

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
NOTICE OF APPLICATION TO PLUG AND ABANDON A WELL

4) Surface Owner(s) to be served:	5) (a) Coal Operator
(a) Name <u>Suan, William R. & Priscilla D.</u>	Name <u>N/A</u>
Address <u>143 Post Farm Road</u>	Address _____
<u>Lost Creek, WV 26385</u>	_____
(b) Name _____	(b) Coal Owner(s) with Declaration
Address _____	Name <u>N/A</u>
_____	Address _____
(c) Name _____	Name _____
Address _____	Address _____
_____	_____
6) Inspector <u>David Scranage</u>	(c) Coal Lessee with Declaration
Address <u>633 Rices Run Road</u>	Name _____
<u>Lost Creek, WV 26385</u>	Address _____
Telephone <u>(304)3803749</u>	_____

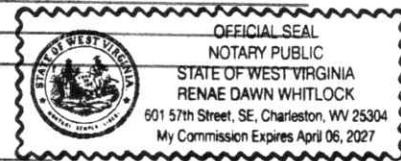
TO THE PERSONS NAMED ABOVE: You should have received this Form and the following documents:

- (1) The application to Plug and Abandon a Well on Form WW-4B, which sets out the parties involved in the work and describes the well its and the plugging work order; and
- (2) The plat (surveyor's map) showing the well location on Form WW-6.

The reason you received these documents is that you have rights regarding the application which are summarized in the instructions on the reverses side. However, you are not required to take any action at all.

Take notice that under Chapter 22-6 of the West Virginia Code, the undersigned well operator proposes to file or has filed this Notice and Application and accompanying documents for a permit to plug and abandon a well with the Chief of the Office of Oil and Gas, West Virginia Department of Environmental Protection, with respect to the well at the location described on the attached Application and depicted on the attached Form WW-6. Copies of this Notice, the Application, and the plat 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 Chief.

Well Operator Unknown- DEP Paid Plugging Contract
 By: Henry J. Harmon *Henry J. Harmon*
 Its: Agent
 Address 601 57th Street SE
Charleston, WV 25304
 Telephone (304) 926-0450



Subscribed and sworn before me this 12th day of July 2022
Renae Dawn Whitlock
 My Commission Expires 4/6/27 Notary Public

Oil and Gas Privacy Notice

The Office of Oil and Gas processes your personal information, such as name, address and phone number, as a part of our regulatory duties. Your personal information may be disclosed to other State agencies or third parties in the normal course of business or as needed to comply with statutory or regulatory requirements, including Freedom of Information Act requests. Our office will appropriately secure your personal information. If you have any questions about our use of your personal information, please contact DEP's Chief Privacy Officer at depprivacyofficer@wv.gov.

08/19/2022

SURFACE OWNER WAIVER

Operator's Well
Number

Mays #1

INSTRUCTIONS TO SURFACE OWNERS NAMED ON PAGE WW4-A

The well operator named on page WW-4A is applying for a permit from the State to plug and abandon a well. (Note: If the surface tract is owned by more than three persons, 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 of the West Virginia Code. Well work 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 and the Office of Oil and Gas.

**NOTE: YOU ARE NOT REQUIRED TO FILE ANY COMMENT.
WHERE TO FILE COMMENTS AND OBTAIN ADDITIONAL INFORMATION:**

Chief, Office of Oil and Gas
Department of Environmental Protection
601 57th St. SE
Charleston, WV 25304
(304) 926-0450

Time Limits and methods for filing comments. The law requires these materials to be served on or before the date the operator files his Application. You have **FIVE (5) DAYS** after the filing date to file your comments. Comments must be filed in person or received in the mail by the Chief's office by the time stated above. You may call the Chief's office to be sure of the date. Check with your postmaster to ensure adequate delivery time or to arrange special expedited handling. If you have been contacted by the well operator and you have signed a "voluntary statement of no objection" to 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.

The Chief has the power to deny or condition a well work permit based on comments on the following grounds:

- 1) The proposed well work will constitute a hazard to the safety of persons.
- 2) The soil erosion and sediment control plan is not adequate or effective;
- 3) Damage would occur to publicly owned lands or resources;
- 4) The proposed well work fails to protect fresh water sources or supplies;
- 5) The applicant has committed a substantial violation of a previous permit or a substantial violation of one or more of the rules promulgated under Chapter 22, and has failed to abate or seek review of the violation...".

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

VOLUNTARY STATEMENT OF NO OBJECTION

I hereby state that I have read the instructions to surface owners and that I have received copies of a Notice and Application For A Permit To Plug And Abandon on Forms WW-4A and WW-4B, and a survey plat.

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 on those materials.

**FOR EXECUTION BY A NATURAL PERSON
ETC.**

FOR EXECUTION BY A CORPORATION,

Willie DeW Date 7/6/22
Signature

Name _____
By _____
Its _____
Date _____

Signature _____
Date _____

WW-4B

4709701588P

API No. 47-097-01588
 Farm Name _____
 Well No. Mays #1

**INSTRUCTIONS TO COAL OPERATORS
OWNERS AND LESSEE**

The well operator named on the obverse side of WW-4 (B) is about to abandon the well described in the enclosed materials and will commence the work of plugging and abandoning said well on the date the inspector is notified. Which date shall not be less than five days after the day on which this notice and application so mailed is received, or in due course should be received by the Department of Environmental Protection Office of Oil & Gas.

This notice and application is given to you in order that your respective representatives may be present at the plugging and filling of said well. You are further notified that whether you are represented or not the operator will proceed to plug and fill said well in the manner required by Section 24, Article 6, Chapter 22 of the Code and given in detail on obverse side of this application.

NOTE: If you wish this well to be plugged according to 22-6-24(d) then as per Regulation 35CSR4-13.9 you must complete and return to this office on form OB-16 "Request by Coal Operator, Owner, or Lessee for plugging" prior to the issuance of this plugging permit.

WAIVER

The undersigned coal operator _____ / owner X / lessee _____ / of the coal under this well location has examined this proposed plugging work order. 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: 6/6/2022

W. L. K. [Signature]
 By: _____
 Its _____

08/19/2022

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS
FLUIDS/ CUTTINGS DISPOSAL & RECLAMATION PLAN

Operator Name Unknown OP Code
Watershed (HUC 10) West Fork Quadrangle Berlin

Do you anticipate using more than 5,000 bbls of water to complete the proposed well work? Yes No

Will a pit be used? Yes No

If so, please describe anticipated pit waste: Disposed of off site and contained in tanks.

Will a synthetic liner be used in the pit? Yes No If so, what ml.?

Proposed Disposal Method For Treated Pit Wastes:

- Land Application (if selected provide a completed form WW-9-GPP)
- Underground Injection (UIC Permit Number)
- Reuse (at API Number)
- Off Site Disposal (Supply form WW-9 for disposal location)
- Other (Explain)

Will closed loop system be used? If so, describe: n/a

Drilling medium anticipated for this well (vertical and horizontal)? Air, freshwater, oil based, etc. n/a

-If oil based, what type? Synthetic, petroleum, etc. n/a

Additives to be used in drilling medium? n/a

Drill cuttings disposal method? Leave in pit, landfill, removed offsite, etc. n/a

-If left in pit and plan to solidify what medium will be used? (cement, lime, sawdust)

-Landfill or offsite name/permit number?

Permittee shall provide written notice to the Office of Oil and Gas of any load of drill cuttings or associated waste rejected at any West Virginia solid waste facility. The notice shall be provided within 24 hours of rejection and the permittee shall also disclose where it was properly disposed.

I certify that I understand and agree to the terms and conditions of the GENERAL WATER POLLUTION PERMIT issued on April 1, 2016, by the Office of Oil and Gas of the West Virginia Department of Environmental Protection. I understand that the provisions of the permit are enforceable by law. Violations of any term or condition of the general permit and/or other applicable law or regulation can lead to enforcement action.

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments thereto and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine or imprisonment.

Company Official Signature Henry J. Harmon

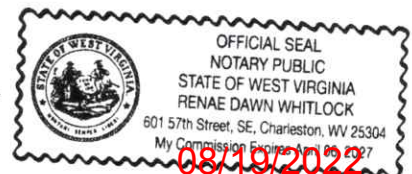
Company Official (Typed Name) Henry J. Harmon

Company Official Title Deputy Chief

Subscribed and sworn before me this 12th day of July, 20 22

Renee Dawn Whitlock Notary Public

My commission expires 4/6/27



Operator's Well No. Mays #1

Proposed Revegetation Treatment: Acres Disturbed Less than 1 Prevegetation pH Unknown

Line 2-3 Tons/acre or to correct to pH 6.5

Fertilizer type 20-20-20 or equivalent

Fertilizer amount 500 lbs/acre

Mulch Straw 2 Tons/acre

Seed Mixtures

Temporary

Permanent

Seed Type	lbs/acre
Orchard Grass	40
Ladino Clover	10
Perennial Rye	20

Seed Type	lbs/acre
Orchard Grass	40
Ladino Clover	10
Perennial Rye	20

Attach:

Maps(s) of road, location, pit and proposed area for land application (unless engineered plans including this info have been provided). If water from the pit will be land applied, provide water volume, include dimensions (L, W, D) of the pit, and dimensions (L, W), and area in acres, of the land application area.

Photocopied section of involved 7.5' topographic sheet.

Plan Approved by: David K. Sweeney

Comments: _____

Title: Inspector Specialist

Date: 7-6-2020

Field Reviewed? () Yes () No

4709701588P

v Help



1: 9,028

Topo

Std

Merge

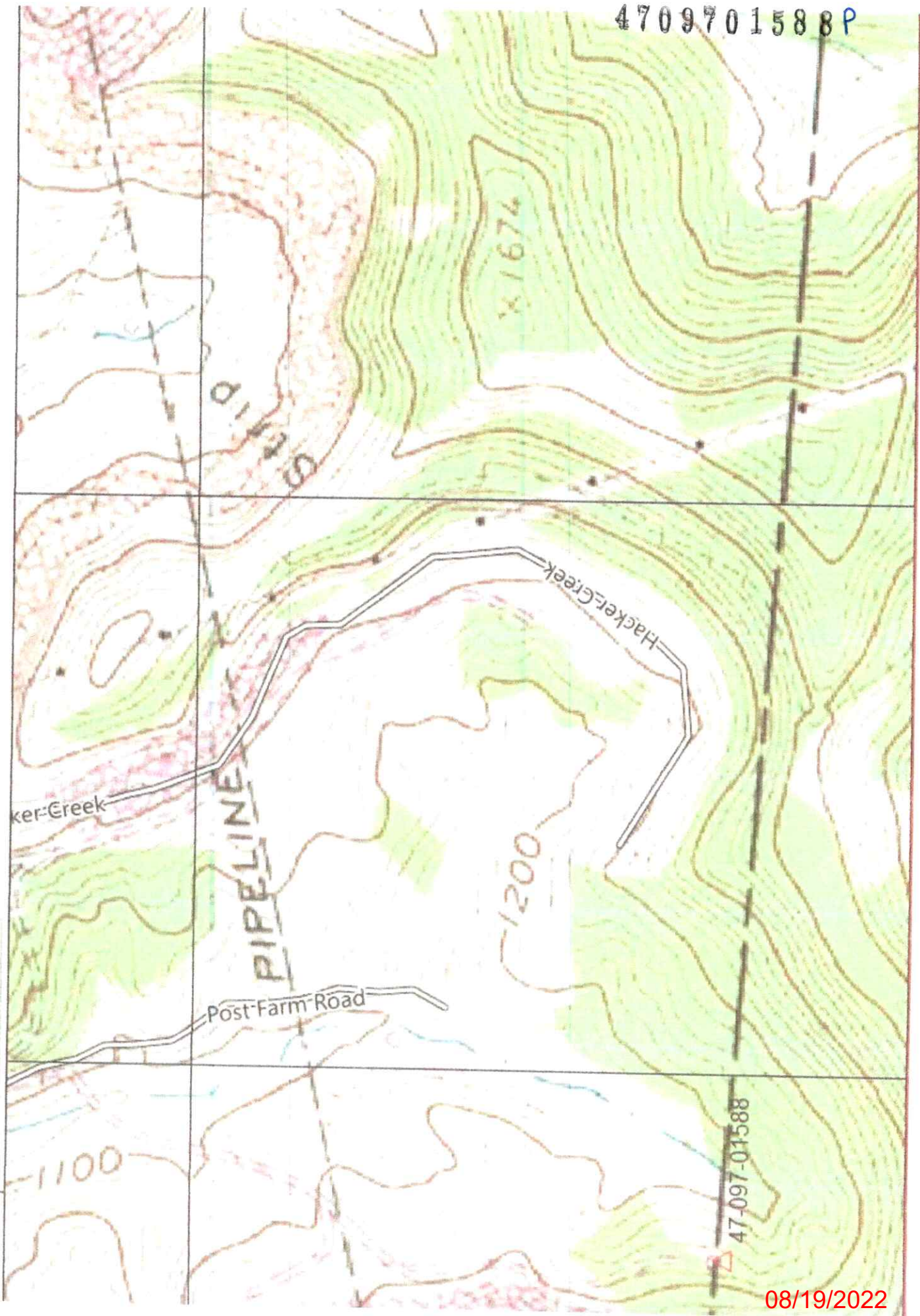


039.103078° N

080.267559° W

NAD27

1421 ft



47-097-01588

08/19/2022

WW-7
8-30-06



West Virginia Department of Environmental Protection
Office of Oil and Gas
WELL LOCATION FORM: GPS

API: 47-097-01588 WELL NO.: Mays #1

FARM NAME: Mays, Willis

RESPONSIBLE PARTY NAME: Glass Development Co.

COUNTY: Upsher DISTRICT: Warren

QUADRANGLE: Berlin

SURFACE OWNER: Suan, William R. & Priscilla D.

ROYALTY OWNER: Haskins, John & Judy (1/2 Int.), Arnold, Edward & Penny (1/4)

UTM GPS NORTHING: 4328380.75

UTM GPS EASTING: 562471.26 GPS ELEVATION: 1241'

The Responsible Party named above has chosen to submit GPS coordinates in lieu of preparing a new well location plat for a plugging permit or assigned API number on the above well. The Office of Oil and Gas will not accept GPS coordinates that do not meet the following requirements:

1. Datum: NAD 1983, Zone: 17 North, Coordinate Units: meters, Altitude: height above mean sea level (MSL) – meters.
2. Accuracy to Datum – 3.05 meters
3. Data Collection Method:
Survey grade GPS ____ : Post Processed Differential ____
Real-Time Differential ____
Mapping Grade GPS ____ : Post Processed Differential ____
Real-Time Differential ____

4. **Letter size copy of the topography map showing the well location.**

I the undersigned, hereby certify this data 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 Office of Oil and Gas.

David K. Scranage Signature	<small>Digitally signed by David K. Scranage Date: 2022.06.23 11:48:22 -04'00'</small>	Inspector Specialist Title	6-23-2022 Date
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11/10/2016

PLUGGING PERMIT CHECKLIST

Plugging Permit

- WW-4B
- WW-4B signed by inspector
- WW-4A

- SURFACE OWNER WAIVER or PROOF THAT APPLICATION WAS SENT BY REGISTERED OR CERTIFIED MAIL
- COAL OWNER/COAL OPERATOR/COAL LESSEE WAIVERS or PROOF THAT APPLICATION WAS SENT BY REGISTERED OR CERTIFIED MAIL
- WW-9 PAGE 1 (NOTARIZED)
- WW-9 PAGE 2 with attached drawing of road, location, pit and proposed area for land application
- WW-9 GPP PAGE 1 and 2 if well effluent will be land applied
- RECENT MYLAR PLAT OR WW-7
- WELL RECORDS/COMPLETION REPORT
- TOPOGRAPHIC MAP OF WELL, SHOWING PIT IF PIT IS USED
- MUST HAVE VALID BOND IN OPERATOR'S NAME
- CHECK FOR \$100 IF PIT IS USED



Kennedy, James P <james.p.kennedy@wv.gov>

ATTN Plugging permit approved 4709701588

1 message

Kennedy, James P <james.p.kennedy@wv.gov>

Tue, Aug 16, 2022 at 11:26 AM


To: David K Scranage <david.k.scranage@wv.gov>, Samuel D Ward <samuel.d.ward@wv.gov>, Jeffrey W McLaughlin <jeffrey.w.mclaughlin@wv.gov>, Henry J Harmon <henry.j.harmon@wv.gov>, Wade A Stansberry <wade.a.stansberry@wv.gov>, dwzickefoose@upshurcounty.org

To whom it may concern, a plugging permit for 4709701588 has been issued.

James Kennedy

WVDEP OOG

2 attachments

 **4709701588.pdf**
6307K

 **IR-8 Blank.pdf**
237K

08/19/2022