



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

Austin Caperton, Cabinet Secretary
www.dep.wv.gov

Thursday, September 3, 2020
WELL WORK PLUGGING PERMIT
Vertical Plugging

MURVIN & MEIER OIL CO.
PO BOX 396
1102 NORTH EAST STREET
OLNEY, IL 62450

Re: Permit approval for R. ALLEN 4
47-085-05905-00-00

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.

A handwritten signature in blue ink, appearing to read 'James A. Martin', is positioned above the printed name and title.

James A. Martin
Chief

Operator's Well Number: R. ALLEN 4
Farm Name: TAYLOR, BERTHA V.
U.S. WELL NUMBER: 47-085-05905-00-00
Vertical Plugging
Date Issued: 9/3/2020

Promoting a healthy environment.

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.

WW-4B
Rev. 2/01

1) Date July 13, 2020
2) Operator's
Well No. Allen #4
3) API Well No. 47-085 - 05905

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 X or Underground storage ____) Deep X / Shallow ____
- 5) Location: Elevation 1040 Watershed Grass Run
District Murphy County Ritchie Quadrangle Burnthouse 7.5'
- 6) Well Operator Murvin & Meier Oil Co. 7) Designated Agent P. Nathan Bowles Jr.
Address P. O. Box 396 Address 28 Carriage Road
Olney IL 62450 Charleston WV 25314
- 8) Oil and Gas Inspector to be notified 9) Plugging Contractor
Name Michael Goff Name Triple B Services LLC
Address 1723 Auburn Road Address P. O. Box 538
Pullman WV 26421 New Lexington OH 43764
-
- 10) Work Order: The work order for the manner of plugging this well is as follows:
please see attached

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

Work order approved by inspector

Michael Goff

Date 7-21-20

PLUGGING PROCEDURE

Murvin & Meier Oil Co. R. Allen #4 Ritchie County, W Va API #47-085-05905

DATA:

4 ½" Casing:	3,976'
Top of Cement:	2,262'
10 ¾" Casing:	387' CTS
Perforations:	2,364' - 2,376'
	2,556' - 3,341'
Coal Seams:	1,479' - 1,483'
	1,817 - 1,828'

PROCEDURE:

1. Run 2 3/8" tubing to total depth.
2. Establish circulation with 6% gel water.
3. Set 1,713' bottom hole plug inside 4 ½" casing - 130 sacks.
4. Pull tubing.
5. Rip 4 ½" casing @ free point approximately 2,262' +/-
6. Set 884' cement plug at casing cut - 253 sacks.
7. Pull 4 ½" to 1,378' and circulate with 6% gel water.
8. Pull 4 ½" to 487'.
9. Set 200' cement plug - 76 sacks.
10. Displace to 289'.
11. Pull 4 ½" to 50'.
12. Set 50' plug - 24 sacks.
13. Pull 4 ½" from well, set monument.

courses CONC

*← set elev. plug 1090' to 96'
100' cement plug*

*← set fresh water plug from 195' to
surface
195' cement pl*

RECEIVED
MAY 31 1988

20-Arr-1
API # 47- 85-05905 F P

State of West Virginia
DEPARTMENT OF ENERGY
Division of Oil and Gas

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY Well Operator's Report of Well Work

From name: TAYLOR, BERTHA U. Operator Well No.: R. ALLEN 4

LOCATION: Elevation: 1040.00 Quadrangle: BURNT HOUSE

District: MURPHY County: RITCHIE
Latitude: 4420 Feet South of 39 Deg. 2 Min. 30 Sec.
Longitude: 2400 Feet West of 90 Deg. 57 Min. 30 Sec.

Company: MURPHY OIL CORP.

W. B. RAY, JR.
W. J. JAY, JR.

Agent: F. NATHAN BOWLES, JR.

Inspector: SAMUEL HERSHAN
Permit Issued: 04/20/88
Well work Commenced: May 8, 1988
Well work Completed: May 10, 1988
Verbal Plugging

Size	Used in	Left	Cement
	Drilling	in Well	Fill Up
			Cu. Ft.
10"	387	387	189
4 1/2"	3976	3976	476

Permission granted on: _____
Rotary _____ Cable _____ Ris _____
Total Depth (feet) _____
Fresh water depths (ft) 145
Salt water depths (ft) _____
Is coal being mined in area (Y/N)? N
Coal Depths (ft): _____

OPEN FLOW DATA

Producing formation Shale Pay zone depth (ft) 2556-3341
Gas: Initial open flow 15 MCF/d Oil: Initial open flow _____ Bbl/d
Final open flow 377 MCF/d Final open flow _____ Bbl/d
Time of open flow between initial and final tests 35 days _____ Hours
Static rock Pressure 550 psia (surface pressure) after 24 Hours

Second producing formation Berea Pay zone depth (ft) 2364-2374
Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/d
Final open flow 150 MCF/d Final open flow Show Bbl/d
Time of open flow between initial and final tests _____ Hours
Static rock Pressure 300 psia (surface pressure) after 48 Hours

NOTE: ON BACK OF THIS FORM PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

For: MURPHY OIL CORP.

By: Cary S. Hill Vice-President
Date: May 24, 1988

R1+ 05905 F

5-3-88: Perforated Berea 2364' to 2374' using 15 glass strip shots; set "Big Lime" plug at 2500'; fractured Berea with 325 bbls water and 24,500 lbs 20/40 sand.

Note: "Big Lime" plug not drilled out

Well Log: See Initial Completion Report dated August 8, 1983.

RECEIVED
MAY 31 1988
DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

6846



IV-35
(Rev 8-81)

RECEIVED
APR 04 1988

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

State of West Virginia
Department of Mines
Oil and Gas Division

Date August 8, 1983
Operator's
Well No. #4
Farm R. Allen
API No: 47 - 085 - 5905-Ren

WELL OPERATOR'S REPORT
OF

DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

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

LOCATION: Elevation: 1040 Watershed Grass Run
District: Murphy County Ritchie Quadrangle Burnt House - 7.5'

COMPANY Murvin Oil Corporation
ADDRESS Box 297 Olney, Illinois 62450
DESIGNATED AGENT Larry Dawson
ADDRESS Five Forks, W.Va. 26145
SURFACE OWNER William Taylor
ADDRESS Box 143 Burnt House; W.Va.
MINERAL RIGHTS OWNER "See Attached"
ADDRESS _____

OIL AND GAS INSPECTOR FOR THIS WORK Samuel Hersman
ADDRESS Box 66 Smithville, W.V.

PERMIT ISSUED May 26, 1983
DRILLING COMMENCED June 17, 1983
DRILLING COMPLETED June 20, 1983

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"		387	188.8
9 5/8			
8 5/8			
7			
5 1/2			
4 1/2		3976	476.0
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Shale Depth 4000 feet
Depth of completed well 4032 feet. Rotary / Cable Tools _____
Water strata depth: Fresh 145 feet; Salt - feet
Coal seam depths: 1480 - 1828 Is coal being mined in the area? No

OPEN FLOW DATA

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

Shale Perforated: 2556, 2562, 2585, 2587, 2641, 2740, 2741, 3146, 3295,
7-25-83 3308, 3312, 3325, 3329, 3341, with 14 holes

Shale Fractured: foam fractured Shale using 1,086 MSCF nitrogen, 228
7-26-83 bbls water, 12,000 80/100, 25,000# 20/50

RECEIVED
APR 04 1988

DIVISION OF OIL & GAS
DEPARTMENT OF ENERGY

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
					Including indication of all fresh and salt water, coal, oil and gas
Slate and Shells			0	409	
Red Rock			409	584	
Slate and Shells			584	799	
Red Rock			799	949	
Slate and Shells			949	1314	
Sand			1314	1362	
Slate and Sand Shells			1362	1576	Coal Seam 1479-83
Sand			1576	1617	
Shale			1617	1663	
Sand			1663	1680	
Shale and Sand			1680	1863	Coal Seams 1817-20, 1823-28
Sand			1863	1883	
Shale			1883	1903	
Big Lime			1903	1942	
Injun Sand			1942	2033	
Slate and Shale			2033	2363	
Berea Sand			2363	2376	
Shale			2376	4032	

47-085-05905P

WW-4A
Revised 6-07

1) Date: July 13, 2020
2) Operator's Well Number
Allen #4

3) API Well No.: 47 - 085 - 05905

**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>Charles Dean Mason</u>	Name <u>NONE</u>
Address <u>876 Tanner Road</u>	Address _____
<u>Big Springs WV 26137</u>	_____
(b) Name _____	(b) Coal Owner(s) with Declaration
Address _____	Name _____
_____	Address _____
(c) Name _____	Name _____
Address _____	Address _____
_____	_____
6) Inspector <u>Michael Goff</u>	(c) Coal Lessee with Declaration
Address <u>1723 Auburn Road</u>	Name _____
<u>Pullman WV 26421</u>	Address _____
Telephone <u>304-549-9823</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 MURVIN & MEYER OIL CO.
 By: *Kate M. Blackford*
 Its: Kate M. Blackford, Executive Vice-President
 Address P. O. Box 396
Olney IL 62450
 Telephone 618-395-4405

Subscribed and sworn before me this 13th day of July 2020
Loarena Hill Notary Public
 My Commission Expires 2-5-2021



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.

SURFACE OWNER WAIVER

Operator's Well
Number

Allen #4

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,

Charles Dean Mason
Signature

Date 08-07-20

Name
By
Its

Date

Signature

Date

WW-9
(5/16)

API Number 47 - 085 - 05905
Operator's Well No. R. Allen #4

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

Operator Name Murvin & Meier Oil Co. OP Code 307980

Watershed (HUC 10) Grass Run Quadrangle Burnthouse 7.5'

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

ANY WELL EFFLUENT WILL BE CONTAINED IN TANK BEFORE DISPOSING OFF-SITE. JMM

If so, please describe anticipated pit waste: _____

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

*MAG
7-21-20*

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: well will be plumbed into tank and disposed of at an approved facility

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

-If oil based, what type? Synthetic, petroleum, etc. _____

Additives to be used in drilling medium? Bentonite Gel

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 Kate M. Blackford
Company Official (Typed Name) Kate M. Blackford
Company Official Title Executive Vice-President

Subscribed and sworn before me this 13th day of July, 2020

Lorena Gill Notary Public

My commission expires 2-8-2021



Form WW-9

Operator's Well No. Allen #4

Proposed Revegetation Treatment: Acres Disturbed 1 +/- Prevegetation pH 6.8

Lime 3 Tons/acre or to correct to pH 6.5

Fertilizer type 10-20-20 or Equivalent

Fertilizer amount 650 lbs/acre

Mulch 2 (Straw/Hay) Tons/acre

Seed Mixtures

Temporary		Permanent	
Seed Type	lbs/acre	Seed Type	lbs/acre
KY-31	40	Orchard Grass	15
Alsike Clover	5	Alsike Clover	5
Annual Rye	15		

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: Michael Daff

Comments: Preseed & mulch any disturbed areas.

Title: Oil & Gas Inspector Date: 7-21-20

Field Reviewed? Yes No

WW-9- GPP
Rev. 5/16

Page 1 of 2
API Number 47 - 085 - 05905
Operator's Well No. Allen #4

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

Operator Name: Murvin & Meier Oil Co.
Watershed (HUC 10): Grass Run Quad: Burnt House 7.5'
Farm Name: Allen

1. List the procedures used for the treatment and discharge of fluids. Include a list of all operations that could contaminate the groundwater.

No fluids will be discharged. Well head will be contained and all fluids transported to an approved disposal facility.

2. Describe procedures and equipment used to protect groundwater quality from the list of potential contaminant sources above.

n/a

3. List the closest water body, distance to closest water body, and distance from closest Well Head Protection Area to the discharge area.

n/a

4. Summarize all activities at your facility that are already regulated for groundwater protection.

n/a

5. Discuss any existing groundwater quality data for your facility or an adjacent property.

n/a

6. Provide a statement that no waste material will be used for deicing or fill material on the property.

No waste material will be used for deicing or fill material on the property.

7. Describe the groundwater protection instruction and training to be provided to the employees. Job procedures shall provide direction on how to prevent groundwater contamination.

n/a

8. Provide provisions and frequency for inspections of all GPP elements and equipment.

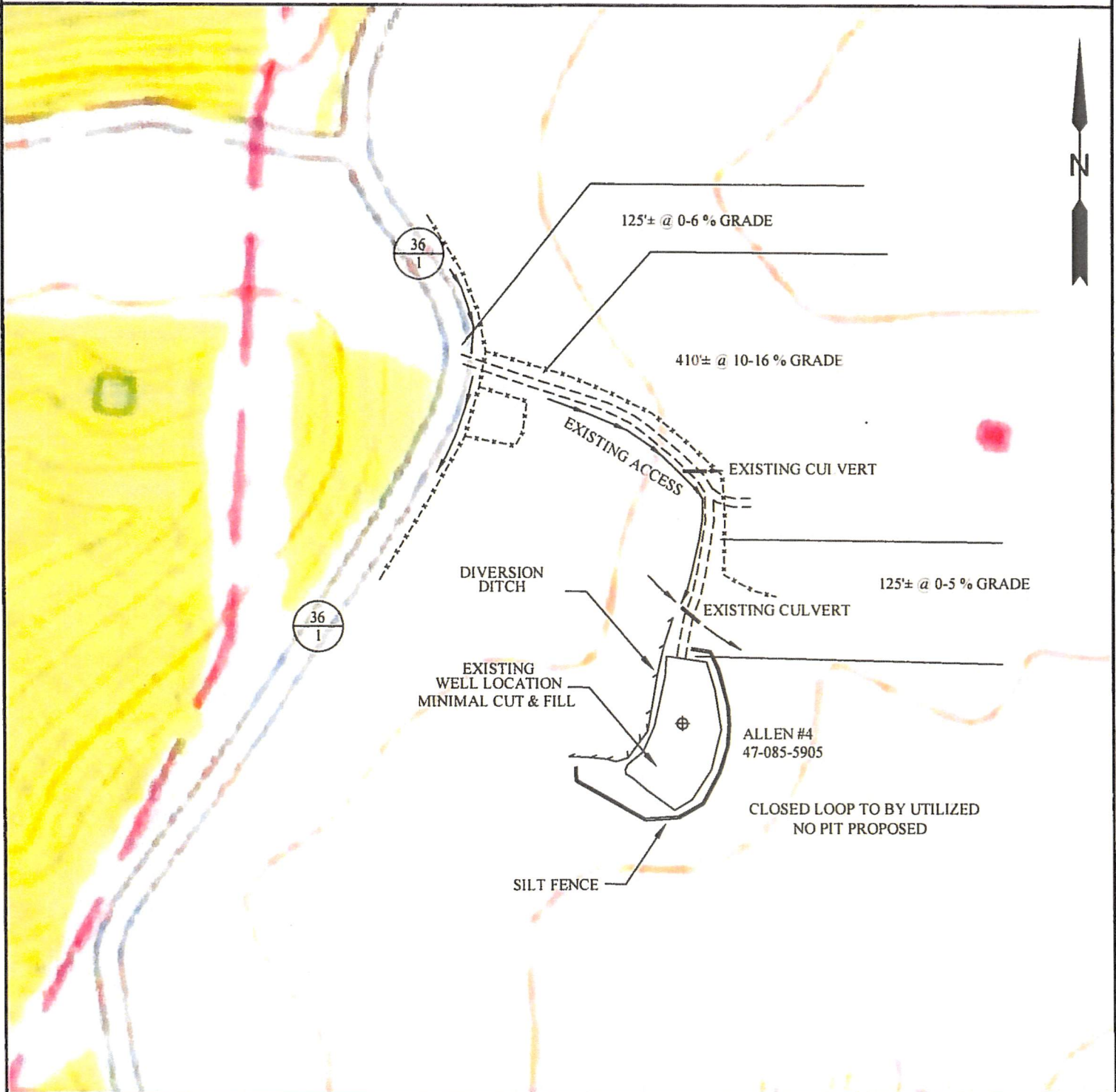
All containment to be inspected at the beginning of each work shift.

Signature: Kate M Blackford

Date: 7/13/2020

WW-9

ALLEN #4 47-085-5905



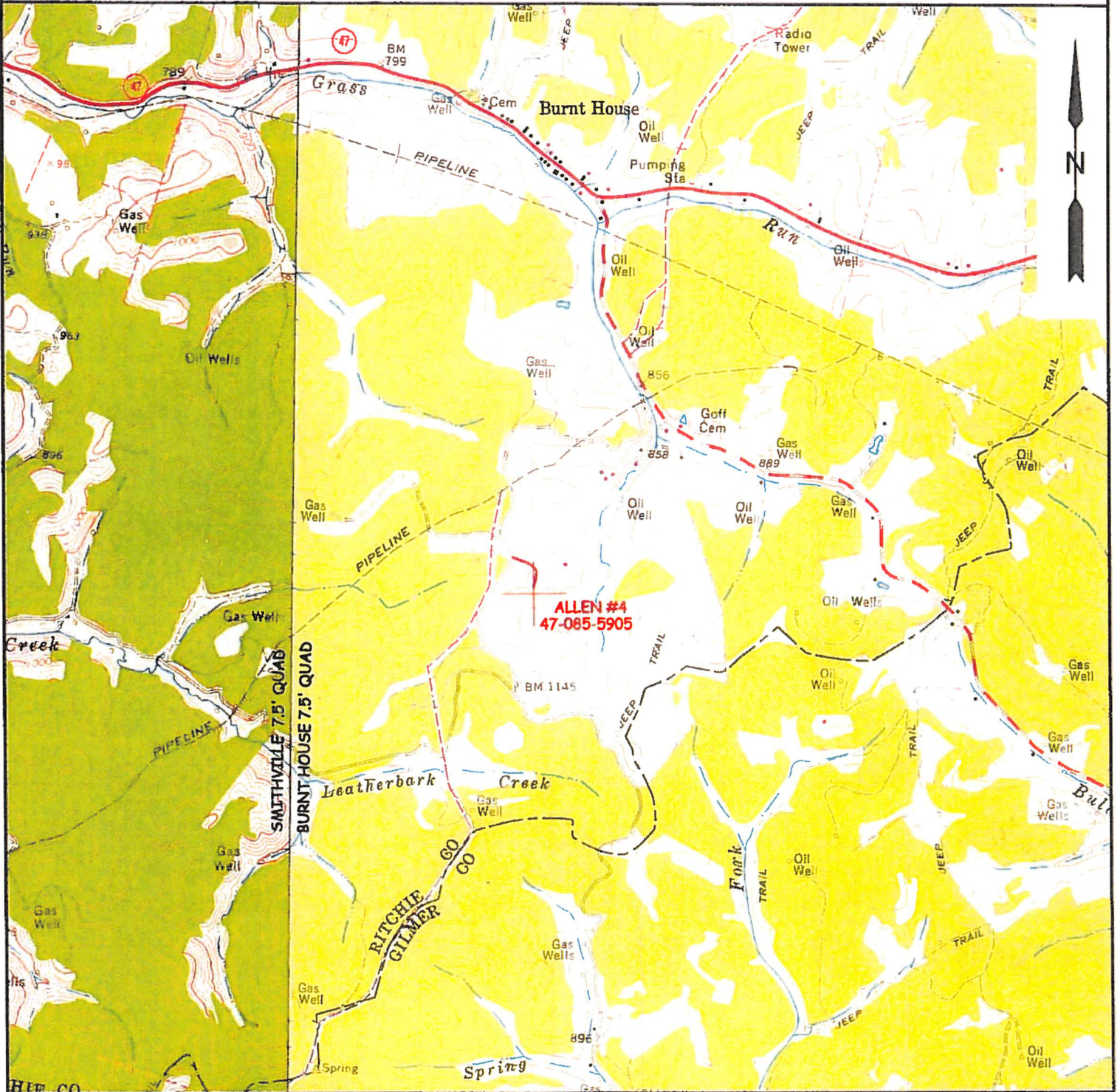
NOTES
 1. DRAWING NOT TO SCALE
 2. REFERENCE IS HEREBY MADE TO THE WV DEP OFFICE OF OIL & GAS EROSION AND SEDIMENT CONTROL FIELD MANUAL FOR REQUIREMENTS AND BMPs FOR AVERAGE FIELD CONDITIONS CONCERNING THE MAINTENANCE OF EXISTING ROADS AND THE CONSTRUCTION OF PROPOSED ROADS. FIELD CONDITIONS MAY REQUIRE VARIANCE FROM THESE GUIDELINES AND THE EARTHWORK CONTRACTOR IS RESPONSIBLE FOR NOTIFICATION TO THE INSPECTOR AND THE OPERATOR SHOULD THESE CONDITIONS OCCUR.
 3. ENTRANCES ONTO PUBLIC ROADS SHALL BE CONSTRUCTED OR MAINTAINED IN ACCORDANCE WITH WV D O T REGULATIONS. ADDITIONAL PERMITS MAY BE REQUIRED.

MDB
7-21-20


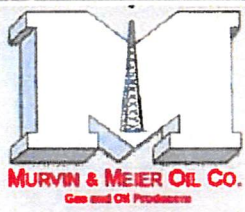
12 Vanhook Drive | P.O. Box 150 | Glenville, WV 26351 | 304 462-5634
 1412 Kanawha Boulevard East | Charleston, WV 25301 | 304 346 3952
 254 East Beckley Bypass | Beckley, WV 25801 | 304 255 5295
sloan.com

TOPO SECTION:		OPERATOR:	
BURNT HOUSE 7.5'		PREPARED FOR: MURVIN AND MEIER OIL COMPANY PO BOX 396 OLNEY IL 62450	
COUNTY	DISTRICT		
RITCHIE	MURPHY		
DRAWN BY	JOB NO.	DATE	SCALE
C.P.M.	4755	05/14/2020	1" = 200'

ALLEN #4 47-085-5905



MAG
7-21-20

 <p>12 Vanhorn Drive P.O. Box 150 Glenville, WV 26351 304.462.5634 1412 Kanawha Boulevard, East Charleston, WV 25301 304.346.3952 254 East Beckley Bypass Beckley, WV 25801 304.255.5296 slnw.com</p>	TOPO SECTION: BURNT HOUSE 7.5'		OPERATOR: PREPARED FOR: MURVIN AND MEIER OIL COMPANY PO BOX 396 OLNEY IL 62450		
	COUNTY RITCHIE	DISTRICT MURPHY	DATE 05/14/2020	SCALE 1" = 2000'	
	DRAWN BY C.P.M.	JOB NO. 4755			

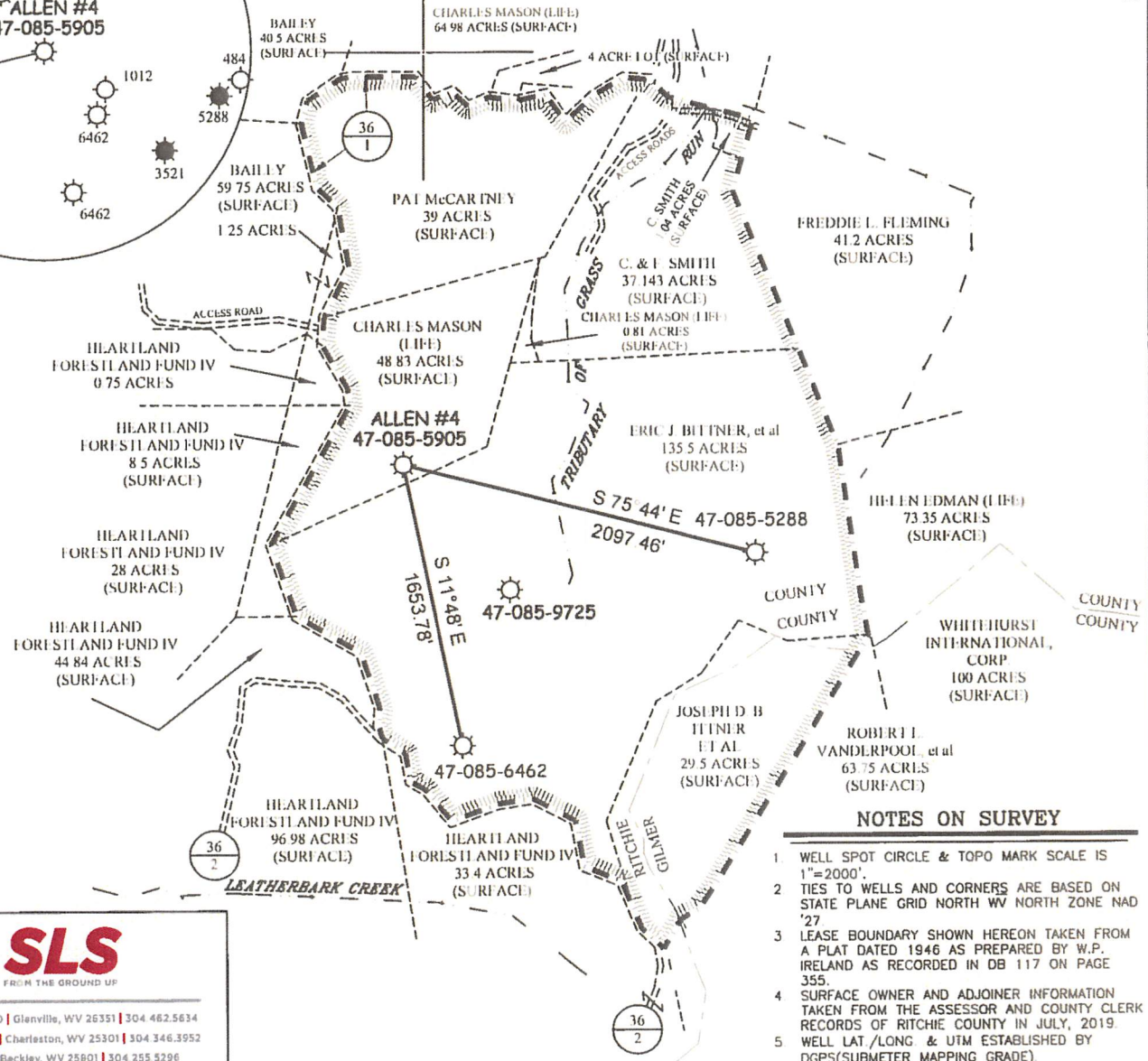
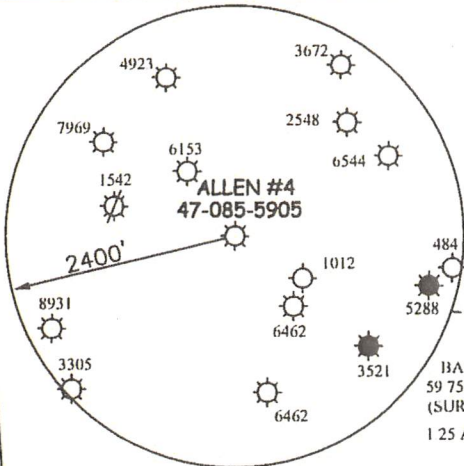
R. ALLEN LEASE
338 ACRES±
WELL NO.
ALLEN#4

LATITUDE 39°02'30"

(S P C NORTH ZONE) (UTM(M) ZONE 17 NORTH)

NAD'27 S.P.C (FT) N 196,373 E 1,577,307
NAD'27 GEO LAT (N) 39 02955 LONG-(W) 80.98793
NAD'83 UTM (M) N 4,320,065 0 E 501,059 4

LONGITUDE 80°57'30"
4,415'

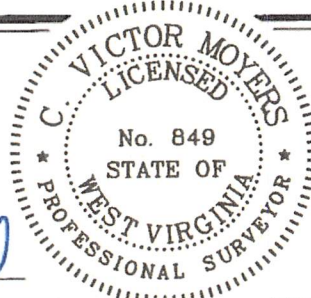


NOTES ON SURVEY

1. WELL SPOT CIRCLE & TOPO MARK SCALE IS 1"=2000'.
2. TIES TO WELLS AND CORNERS ARE BASED ON STATE PLANE GRID NORTH WV NORTH ZONE NAD '27
3. LEASE BOUNDARY SHOWN HEREON TAKEN FROM A PLAT DATED 1946 AS PREPARED BY W.P. IRELAND AS RECORDED IN DB 117 ON PAGE 355.
4. SURFACE OWNER AND ADJOINER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF RITCHIE COUNTY IN JULY, 2019.
5. WELL LAT /LONG & UTM ESTABLISHED BY DGPS(SUBMETER MAPPING GRADE).



12 Vanhorn Drive | P.O. Box 150 | Glenville, WV 26351 | 304.462.5634
1412 Kanawha Boulevard, East | Charleston, WV 25301 | 304.346.3952
254 East Beckley Bypass | Beckley, WV 25801 | 304.255.5296
slwv.com



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 DIVISION OF ENVIRONMENTAL PROTECTION

P.S. 849 *C. Victor Moyers*

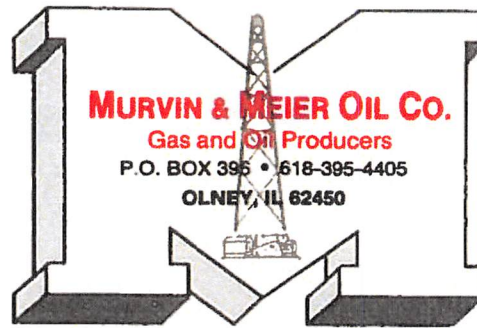
(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 DATE MAY 14 , 20 20
 REVISED _____
 OPERATORS WELL NO. ALLEN #4
 API WELL NO. 47 - 085 - 5905
 STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 200 FILE NO 4755P4.dwg
 HORIZONTAL & VERTICAL CONTROL DETERMINED BY DGPS(SUBMETER MAPPING GRADE) SCALE 1" = 1000'

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



47-085-059059



J. B. MURVIN
1917-1996
D. W. MEIER

CHICAGO OFFICE:
1531 S. GROVE AVE., STE. 203
BARRINGTON, IL 60010
847-277-8380

August 4, 2020

Attn: Jeffrey W. McLaughlin,
B.S. Petroleum Eng. Technical Analyst
State of West Virginia
Department of Environmental Protection
Office of Oil and Gas
601 57th Street SE
Charleston, West Virginia 25304

Re: R. Allen #4, Ritchie County, West Virginia

Dear Jeff:

Please find enclosed an Application to Plug and Abandon the R. Allen #4.

Following your review, in the event you have any questions or require additional information, please contact me at 618-395-4405, or katieb@murvinandmeier.com.

Best regards,

Kate M. Blackford
Executive Vice-President

Enclosures