



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

Wednesday, July 17, 2019
WELL WORK PLUGGING PERMIT
Vertical Plugging

STANDARD OIL COMPANY, INC.
PO BOX 3363

PARKERSBURG, WV 26103

Re: Permit approval for 2
47-087-01898-00-00

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

A blue ink signature of James A. Martin, written in a cursive style.

Operator's Well Number: 2
Farm Name: LONNIE SURFACE
U.S. WELL NUMBER: 47-087-01898-00-00
Vertical Plugging
Date Issued: 7/17/2019

I

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.
4. This well is under a consent order and must be plugged under the terms of that agreement.

6/20 2019
2) Operator's Well No. 2
3) API Well No. 47-087-01898 P

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 ___ / Liquid injection X / Waste disposal ___ /
(If "Gas, Production ___ or Underground storage X) Deep ___ / Shallow ___

5) Location: Elevation 805' Watershed Rocky Branch
District Walton County Roane Quadrangle Looneyville

6) Well Operator Standard Oil Company, Inc. 7) Designated Agent Blaine Myers
Address PO Box 3363 Address 601 Avery Street
Parkersburg, WV 26103 Suite 300
Parkersburg, WV 26101

8) Oil and Gas Inspector to be notified Name Joe Taylor
Address 601 57th St.
Charleston, WV 25304
9) Plugging Contractor Name To Be Determined upon Approval
Address _____

10) Work Order: The work order for the manner of plugging this well is as follows:
See attached sheet

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

Work order approved by inspector  Date 6-25-19

DATE: JUNE 20, 2019
Operator's Well Number: 2
API Well No: 47-087-01898

10) Work Order: The work order for the manner of plugging this well is as follows:

TD - 2,012' Elevation - 805' (15) 0.465" PERFORATIONS FROM 1916' TO 1944'.

Manner of Plugging

Spot Gel TO \approx 1500'.

Plug #1 - 1,975' - 1,850'. WOC, TAG CEMENT, ADD CLASS A CEMENT IF NEEDED.

Located above highest perforation

Free-point, part and pull all possible 8 5/8" casing

Plug #2 - AT CASING CUT \approx 1500', FROM 1550' - 1400'. WOC, TAG CEMENT, ADD IF NEEDED.

Located at 5 1/2" casing stub, if 8 5/8" casing is present, perforate for plug placement

• ADD GEL IF NEEDED.

Plug #3 - 850' - 750'

Located at elevation; WOC, TAG CEMENT, ADD IF NEEDED.

Plug #4 - 320' - 0'

Located at freshwater, surface

Recover all possible casing. If casing cannot be recovered, perforate for plug placement.

6" minimum diameter metal pipe

30' above surface

10' in well above surface

Sealed with cement

API identification (1/2") height numbering

6% Gel between all plugs

[Signature]
6-25-19

47-087-01898F

Form 00-10



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

Rotary
Spudder
Cable Tools
Storage
Oil or Gas Well Oil (KIND)

Quadrangle Walton
Permit No. ROA-1898-Rev. BLAKE HAMMACK

WELL RECORD

Company Howard Surface
Address 2606-A Conner Drive, Charleston, W. Va.
Farm Howard Surface Acres .38
Location (waters) Johnston Creek
Well No. 2 Elevation 805'
District Walton County Roane
The surface of tract is owned in fee by Howard L. Lennie & Carlos Surface Charleston, W. Va.
Address Emma F. Miller, 610 3rd St., New Martins, Ohio
Address Ruby Spenser, 990 Miller Ave., Akron, Ohio
Drilling commenced 10-19-70
Drilling completed 10-23-70
Date Shot From To
With
Open Flow 10ths Water in Inch
10ths Merc. in Inch
Volume 5 3/8 Cu. Ft.
Rock Pressure Show lbs. hrs.
Oil bbbls. 1st 24 hrs.
WELL ACIDIZED (DETAILS)
WELL FRACTURED (DETAILS) By Dowell
RESULT AFTER TREATMENT (Initial open Flow or bbbls.) 5 bbbls.
ROCK PRESSURE AFTER TREATMENT 11 HOURS
Fresh Water Feet Salt Water Feet
Producing Sand Depth

Casing and Tubing	Used in Drilling	Left in Well	Packer
Size			Kind of Packer
16			
13			Size of
10 <u>8 5/8</u>	<u>270.55</u>	<u>270.55</u>	Depth set <u>FOC at 1600'</u>
8 1/4			
6 1/4 <u>5 1/2</u>	<u>2005'</u>	<u>2005'</u>	
5 3/16			
4 1/2			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

Attach copy of cementing record. 8 5/8 SIZE 270.55 No. 10-19-70 Date
CASING CEMENTED 125-8" 60 Bags 5 1/2"
Amount of cement used (bags) Well Service Company
Name of Service Co.
COAL WAS ENCOUNTERED AT FBFT INCHES
FBFT INCHES FBFT INCHES
FBFT INCHES FBFT INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Rotary			8				
Surface Clay			40	68			
Rock			68	82			
Sand			82	88			
Red Rock & Shale			88	670			
Shale with sand streaks			670	912			
Sand with shale & Sand Streaks			912	1430			
Salt Sand			1430	1725			
Little Lime			1725	1755			
Penoil Cave			1755	1765			
Big Lime			1765	1915			
Injun Sand			1915	1951	Oil Show		
Shale			1951				
TOTAL DEPTH				2005 2012			XXXXXX XXXXXX

RECEIVED
DEC 1 1970
OIL & GAS DIVISION
DEPT. OF MINES

Office of Oil and Gas
RECEIVED
NOV 04 2015
WV Department of Environmental Protection



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

Rotary
Spudder
Cable Tools
Storage
Oil or Gas Well (KIND)

Quadrangle Waltan
Permit No. ROA-1898-Rev. BLAKE HAMMACK

WELL RECORD

Company Xerox Douglas & Co. Rockersbby 2606-A Conner Drive, Charleston, W. Va.	Casing and Tubing	Used in Drilling	Left in Well	Packers
Address Howard Surface	Size			
Farm Johnston Creek Acres 38	16			Kind of Packer
Location (waters) 2	13			
Well No. Waltan	10	8 5/8	270.55	270.55
District Walton	8 3/4			
County Howard	6 3/4	5 1/2"	2005'	2005'
Elev. 805'	5 3/16			
Address Howard, Lonnie & Carlos Surface, Charleston, W. Va.	4 1/2			
Address Emma F. Miller, 610 3rd St., New Martins, Ohio				
Address Ruby Spenser, 990 Miller Ave., Akron, Ohio				
Drilling commenced 10-19-70	1.			Perf. top
Drilling completed 10-23-70	2.			Perf. bottom
Date Shot From To	Liners Used			Perf. top
With				Perf. bottom
Open Flow 1/10ths Water in Inch	Attach copy of cementing record.			
1/10ths Merc. in Inch	CASING CEMENTED 8 5/8	SIZE 270.55	10-19-70	Date
Volume Cu. Ft.	Amount of cement used (bags)	125-8"	60 bags	5 1/2"
Rock Pressure Show lbs. hrs.	Name of Service Co.	Well Service Company		
Oil bbls., 1st 24 hrs.	COAL WAS ENCOUNTERED AT	FEET	INCHES	
WELL ACIDIZED (DETAILS)	FEET	INCHES	FEET	INCHES
WELL FRACTURED (DETAILS)	FEET	INCHES	FEET	INCHES

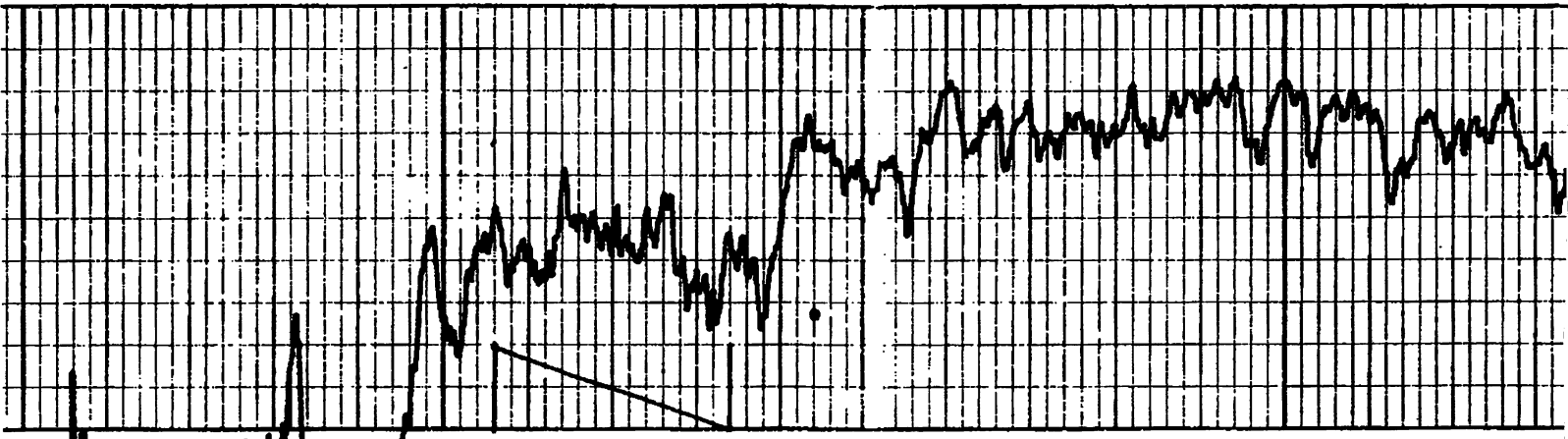
RESULT AFTER TREATMENT (Initial open flow or bbls.) 5 bbls.
ROCK PRESSURE AFTER TREATMENT _____ HOURS
Fresh Water _____ Feet _____ Salt Water _____ Feet
Producing Sand _____ Depth _____

Formation	Color	Hard or Soft	Top	Bottom	Oil Gas or Water	Depth	Remarks
Rotary			8				
Surface Clay			40	68			
Rock			68	82			
Sand			82	88			
Red Rock & Shale			88	670			
Shale with sand streaks			670	912			
Sand with shale & Sand Streaks			912	1430			
Salt Sand			1430	1725			
Little Lime			1725	1755			
Pencil Cave			1755	1765			
Big Lime			1765	1915			
Injun Sand			1915	1951			
Shale			1951				
TOTAL DEPTH							

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OIL & GAS DIVISION
DEPT. OF MINES

Office of Oil and Gas
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NOV 4 2016
WV Department of Environmental Protection

Oil Show

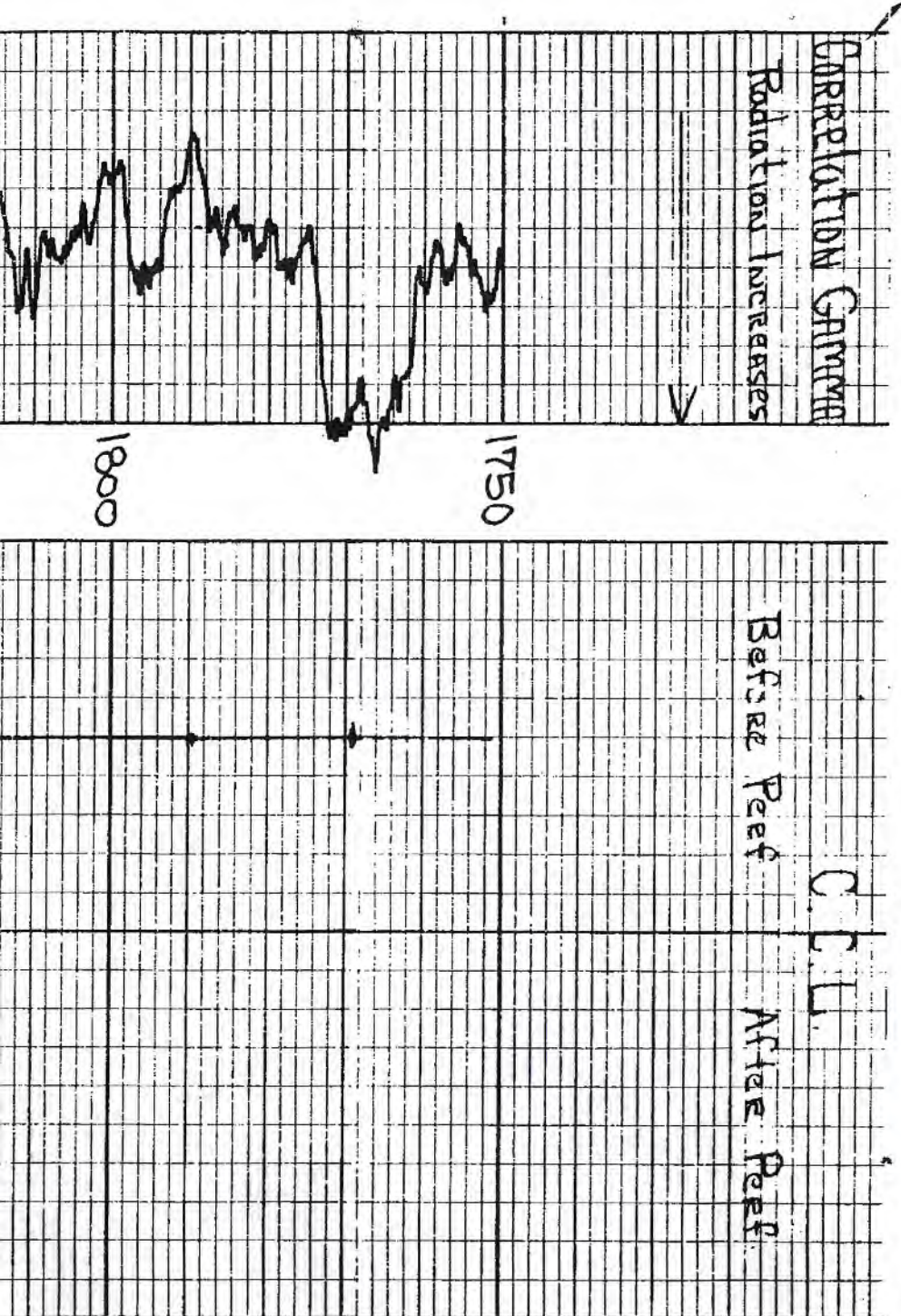


1900



CORRELATION GAMMA-RAY		EQUIPMENT DATA		WELL DATA		HOLE #
RUN NO.	1	TYPE		FROM	TO	
TOOL MODEL NO.	473-A	SIZE NO.				
DIAM.	1.5"	TYPE				
SPEED FT./MIN.	30	SIZE NO.				
T. C. SEC.	2					
REMARKS: NA Means not available.						
PERFORATIONS			BRIDGE PLUG			
358" TYPE			C.I. <input type="checkbox"/> MAG. <input type="checkbox"/>			
alco jets			DEPTH SET			
1916'			C.I. <input type="checkbox"/> MAG. <input type="checkbox"/>			
1944'			DEPTH SET			

405" PERFS.



47-087-01898P



Select County: (087) Roane

Enter Permit #: 01898

Get Data Reset

Select data types: (check All)

Location Production Plugging

Owner/Completion Stratigraphy Sample

Pay/ShowWater Logs Burn Hole Loc

- Table Descriptions
- County Code Translations
- Permit Numbering Series
- License Notes
- Contact Information
- Operator
- WVGES Help
- Zipcode-File New

WV Geological & Economic Survey

Location Information: [View Map](#)
 API: 4708701898 COUNTY: PERMIT TAX DISTRICT QUAD 75 QUAD 18 LAT TD: 10N 00' UTM E UTM N
 4708701898 Roane 1898 Walton Locentville Walton 38.644563 -81.356566 468729.9 427729.4

There is no Bottom Hole Location data for this well

Well: County = 87 Permit = 01898

Owner Information:
 API: 4708701898 CMP_DT SUFFIX STATUS SURFACE_OWNER WELL_NUM CO_NUM LEASE LEASE_NUM MINERAL_OWN OPERATOR_AT_COMPLETION PROP_YD PROP_TRGT_FM TFM_EST_PR
 4708701898 10/23/1970 Original Loc Completed Howard Lonne & Carles Surface 2 2 C.L. Daugherty Emma F. Miller & Ruby Spencer Hammack, Blake
 4708701898 4/1/1973 Worked Over Completed Lonne Surface

Completion Information:
 API: 4708701898 CMP_DT SHUD_DT ELEV DATUM FIELD DEEPEST_FM DEEPEST_FMT INITIAL_CLASS FINAL_CLASS TYPE RIG CMP_MTHD TWD TMD NEW_FIG KOD G_BEF G_AFT O_BEF O_AFT NGL_BEF NGL_AFT P_BEF TL_BEF P_A
 4708701898 10/23/1970 4/1 805 Ground Level Walton/Rock Cx) Undr PRICE Bw NUN Big Njun (Pricekeq) Development Well Oil Fractured 2012
 4708701898 4/1/1973 4/1 805 Ground Level Walton/Rock Cx) Undr PRICE Bw NUN Big Njun (Pricekeq) Service Well Unsuccessful Salt Water Disp Unknown 2012
 Comment: 10/23/1970 Owners are confusing. Lease name may be mineral owner. Well number given as both 1 and 2. Plats were revised to show well n. 2 but completion still says well n. 1

Pay/ShowWater Information:
 API: 4708701898 CMP_DT ACTIVITY PRODUCT SECTION DEPTH_TOP FM_TOP DEPTH_BOT FM_BOT G_BEF G_AFT O_BEF O_AFT WATER_QNTY
 4708701898 4/1/1973 Horizon Injection Vertical 1915 Big Njun (Pricekeq) 1951 Big Njun (Pricekeq) 1951 Big Njun (Pricekeq) 0 5

Production Gas Information: (Volumes in Mcf)

API	PRODUCING_OPERATOR	PRD_YEAR	ANN_OIL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DCM
4708701898	Atkinson, Roger L.	1994	1	0	0	0	0	0	0	0	0	0	0	0	0
4708701898	Applied Mechanics Corp.	1995	0	0	0	0	0	0	0	0	0	0	0	0	0
4708701898	Buffalo Properties LLC	2002	0	0	0	0	0	0	0	0	0	0	0	0	0
4708701898	Buffalo Properties LLC	2003	0	0	0	0	0	0	0	0	0	0	0	0	0
4708701898	Mountain Country Partners	2011	0	0	0	0	0	0	0	0	0	0	0	0	0
4708701898	Mountain Country Partners	2013	0	0	0	0	0	0	0	0	0	0	0	0	0
4708701898	Mountain Country Partners	2018	0	0	0	0	0	0	0	0	0	0	0	0	0

Production Oil Information: (Volumes in Bbl) ** some operators may have reported NGL under Oil

API	PRODUCING_OPERATOR	PRD_YEAR	ANN_OIL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DCM
4708701898	Atkinson, Roger L.	1994	1	0	0	0	0	0	0	0	0	0	0	0	0
4708701898	Applied Mechanics Corp.	1995	0	0	0	0	0	0	0	0	0	0	0	0	0
4708701898	Buffalo Properties LLC	2002	0	0	0	0	0	0	0	0	0	0	0	0	0
4708701898	Buffalo Properties LLC	2003	0	0	0	0	0	0	0	0	0	0	0	0	0
4708701898	Mountain Country Partners	2011	0	0	0	0	0	0	0	0	0	0	0	0	0
4708701898	Mountain Country Partners	2013	0	0	0	0	0	0	0	0	0	0	0	0	0
4708701898	Mountain Country Partners	2018	0	0	0	0	0	0	0	0	0	0	0	0	0

Production NGL Information: (Volumes in Bbl) ** some operators may have reported NGL under Oil

API	PRODUCING_OPERATOR	PRD_YEAR	ANN_NGL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DCM
4708701898	Mountain Country Partners	2011	0	0	0	0	0	0	0	0	0	0	0	0	0
4708701898	Standard Oil of West Virginia	2018	0	0	0	0	0	0	0	0	0	0	0	0	0

Production Water Information: (Volumes in Gallons)

API	PRODUCING_OPERATOR	PRD_YEAR	ANN_WTR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DCM
4708701898	Standard Oil of West Virginia	2018	0	0	0	0	0	0	0	0	0	0	0	0	0

Stratigraphy Information:

API	SUFFIX	FM	FM_QUALITY	DEPTH_TOP	DEPTH_QUALITY	THICKNESS	THICKNESS_QUALITY	ELEV DATUM
4708701898	Original Loc	Salt Sands (undrlf)	Well Record	1430	Reasonable	295	Reasonable	805 Ground Level
4708701898	Original Loc	Little Lime	Well Record	1725	Reasonable	30	Reasonable	805 Ground Level
4708701898	Original Loc	Permit Cave	Well Record	1725	Reasonable	10	Reasonable	805 Ground Level
4708701898	Original Loc	Big Lime	Well Record	1785	Reasonable	150	Reasonable	805 Ground Level
4708701898	Original Loc	Reinherb Group	Well Record	1785	Reasonable	805	Reasonable	805 Ground Level
4708701898	Original Loc	Big Njun (Pricekeq)	Well Record	1915	Reasonable	98	Reasonable	805 Ground Level

47-087-01898 P

Wellbore (E-Log) Information:

API	LOG_TOP	LOG_BOT	DEEPEST_FML	LOGS_AVAIL	SCAN	DIGITIZED	GR_TOP	GR_BOT	D_TOP	D_BOT	N_TOP	N_BOT	L_TOP	L_BOT	T_TOP	T_BOT	S_TOP	S_BOT	O_TOP	O_BOT	INCH2	INCH5	REDUCED	KOP	LOGMD	ELEV_KB	ELEV_GL	ELEV_DF	LOG_MSRD	FRG	
4708701898	1750	1995			Y						N																				

Comment: *logs: ccl

Downloadable Log Images: **We advise you to save the log image file to your PC for viewing.** To do so, right-click the .tif image of interest and select the save option. Then you can direct the file to a location of your choice. Please note these images vary in size and some may take several minutes to download, especially if using a 56k or slower dialup connection.

FILENAME
4708701898gm.tif

Quick Reference Guide for Log File Names For more info about WVGES scanned logs click [here](#)

geologic log types:
 d density (includes bulk density, compensated density, density porosity, grain density, matrix density, etc.)
 e photoelectric absorption (PE or Pe, etc.)
 g gamma ray
 i induction (includes dual induction, medium induction, deep induction, etc.)
 l laterolog
 m dipmeter
 n neutron (includes neutron porosity, sidewall neutron-SWN, etc.)
 o other
 q other or velocity
 t temperature (includes borehole temperature, BHT, differential temperature, etc.)
 z spontaneous potential or potential

mechanical log types:
 b cement bond
 c caliper
 o other¹
 p perforation depth control or perforate

¹Other logs may include, but are not limited to, such curves as audio, bit size, CCL-casing collar locator, continuous meter, directional survey, gas detector, guard NCTL-Nuclear Cement Top Locator, radioactive tracer, tension

There is no Plugging data for this well
 There is no Sample data for this well

WW-4A
Revised 6-07

1) Date: 6-20-2019
2) Operator's Well Number 2
3) API Well No.: 47 - 087 - 01898

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

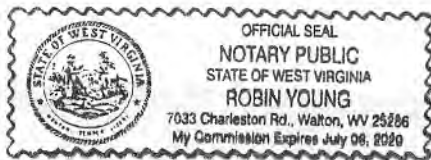
4) Surface Owner(s) to be served:	5) (a) Coal Operator
(a) Name <u>Howard, Lonnie + CARBS Surface</u>	Name _____
Address <u>PO BOX 21 Star Rt 2</u>	Address _____
<u>Walton, WV 25286</u>	
(b) Name _____	(b) Coal Owner(s) with Declaration
Address _____	Name _____
	Address _____
(c) Name _____	Name _____
Address _____	Address _____
6) Inspector <u>Joe Taylor</u>	(c) Coal Lessee with Declaration
Address <u>1478 Claylick Rd.</u>	Name _____
<u>Ripley, WV 25271</u>	Address _____
Telephone <u>304-380-7469</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 Standard Oil Company, Inc.
 By: Andrew Zelnar
 Its: Sr. VP. Production - Appalachian Region
 Address 7018 Charleston Rd.
Walton, WV 25286
 Telephone 843-209-0962

Subscribed and sworn before me this 13th day of June 2019
Robin Young Notary Public
 My Commission Expires July 6, 2020

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

~~5077~~
47-087-01898 P

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,

Signature

Date

Name
By

Standard Oil Company, Inc.

Andrew Zelner

SR. V.P. Production - App Region Date 6-20-2019

Signature



Date
6-20-2019

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

Operator Name Standard Oil Company, Inc. OP Code 494482733

Watershed (HUC 10) Rocky Branch Quadrangle Looneyville

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: _____

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: NA

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

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

Additives to be used in drilling medium? NA

Drill cuttings disposal method? Leave in pit, landfill, removed offsite, etc. NA

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

-Landfill or offsite name/permit number? NA

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.

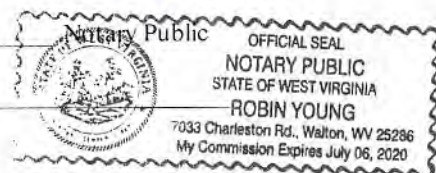
I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments thereto and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is 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 [Signature]
Company Official (Typed Name) Andrew Zelner
Company Official Title Sr. VP Production - Appalachian Region

[Signature]
6-25-19

Subscribed and sworn before me this 13th day of June, 20 19

[Signature]
My commission expires July 6, 2020



Proposed Revegetation Treatment: Acres Disturbed 1.0 Prevegetation pH _____

Lime 3 Tons/acre or to correct to pH 6.5

Fertilizer type 10/20/20

Fertilizer amount 500 lbs/acre

Mulch straw 2 Tons/acre

Seed Mixtures

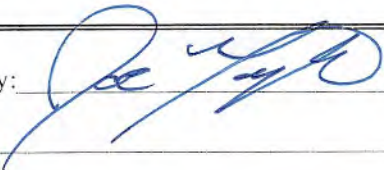
Temporary		Permanent	
Seed Type	lbs/acre	Seed Type	lbs/acre
Tall Fescue	40	Tall Fescue	40
Ladino Clover	5	Ladino Clover	5

Sediment Control Will Be In Place At All Times

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: 

Comments: _____

Title: OOG Inspector

Date: 6-25-99

Field Reviewed?

Yes

No

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

Operator Name: Standard Oil Company, Inc
Watershed (HUC 10): Rocky Branch Quad: Looneyville
Farm Name: SURFACE

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

NA

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

NA

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

NA

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

NA

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

NA

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

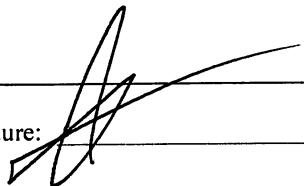
NA

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.

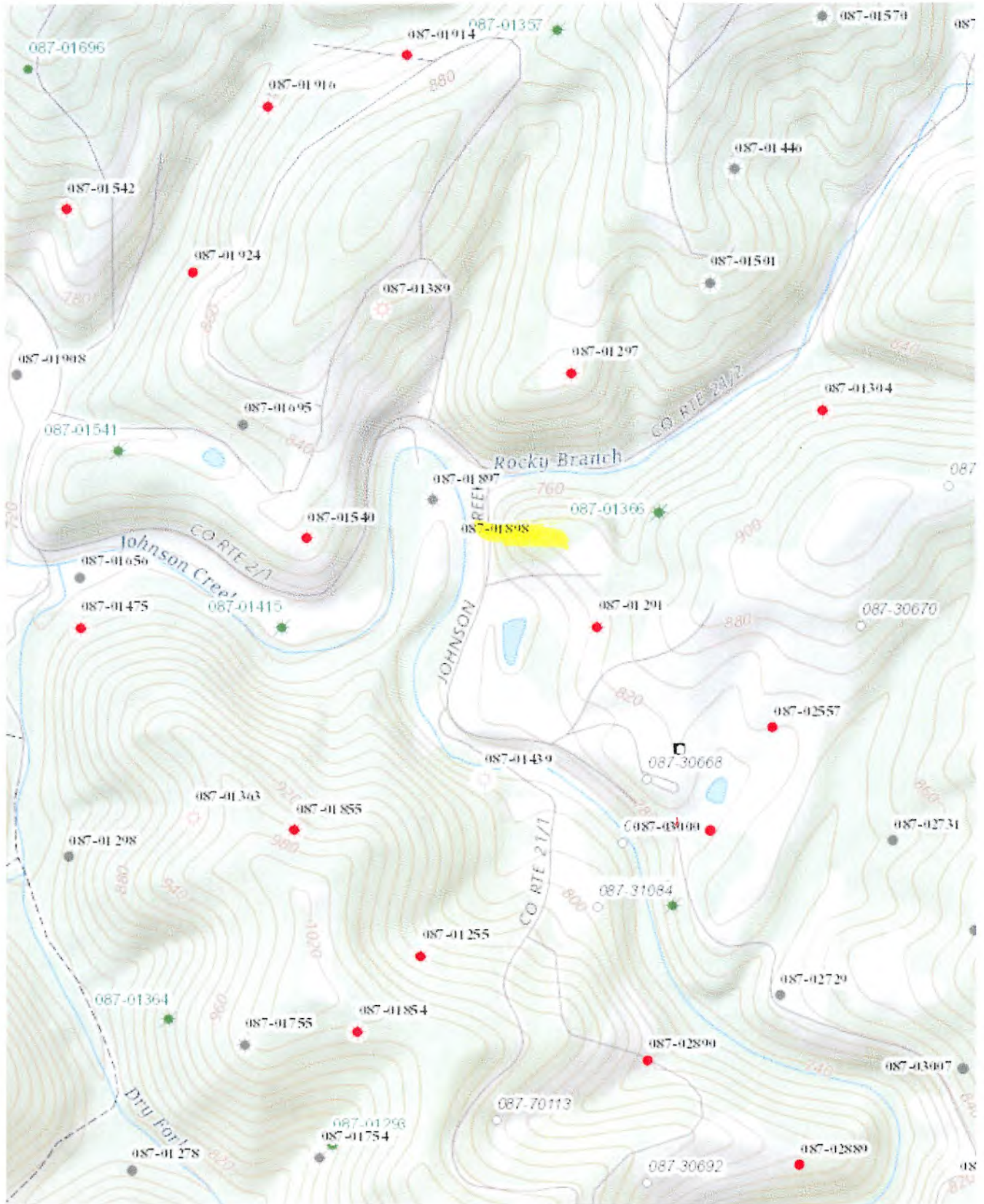
NA

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

NA

Signature: 

Date: 6-20-2019





WW-7
8-30-06



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

API: 47-087-01898 WELL NO.: 2

FARM NAME: Howard Lonnie & Carlos Surface

RESPONSIBLE PARTY NAME: Standard Oil Company, Inc.

COUNTY: Roane DISTRICT: Walton

QUADRANGLE: Looneyville

SURFACE OWNER: Lonnie Surface

ROYALTY OWNER: _____

UTM GPS NORTHING: ~~Lat 38.644764~~ 4277416.8

UTM GPS EASTING: ~~Long -81.358202~~ 468828.5 GPS ELEVATION: 805'

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:

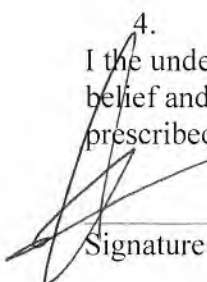
1. Datum: NAD 1983, Zone: 17 North, Coordinate Units: meters, Altitude: height above mean sea level (MSL) – meters.
2. Accuracy to Datum – 3.05 meters
3. Data Collection Method:

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.


Signature

SR. VP. production - Appalachia
Title

6-20-2019
Date