



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

Friday, September 27, 2024
PERMIT MODIFICATION APPROVAL
Vertical / Plugging

DIVERSIFIED PRODUCTION LLC
101 MCQUISTON DRIVE

JACKSON CENTER, PA 16133

Re: Permit Modification Approval for 1
47-019-00574-00-00

Plugging prognosis.

DIVERSIFIED PRODUCTION LLC

The Office of Oil and Gas has reviewed the attached permit modification for the above referenced permit. The attached modification has been approved and well work may begin. Please be reminded that the oil and gas inspector is to be notified twenty-four (24) hours before 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:
Farm Name: TOLLIVER, BALLARD
U.S. WELL NUMBER: 47-019-00574-00-00
Vertical Plugging
Date Modification Issued: 09/27/2024

Promoting a healthy environment.

09/27/2024



DIVERSIFIED
energy

9/23/2024

James P. Kennedy, Permitting - Vertical Wells / Plugging
West Virginia Department of Environmental Protection
601 57th Street, SE
Charleston, WV 25304

Re: Modification to plugging prognosis – 4701900574 S-599 Permit

Mr. Kennedy,

Please find attached the plugging prognosis modification for the API# 4701900574 S-599 in Fayette County, WV.

The changes made are:

- Added 50' of cement to the bottom completion plug – bottom at 2780' instead of 2730'
- Added in running a CBL on the 4-1/2" to verify TOC. We don't know what size hole they drilled for the production string so need to verify TOC to know if we need to cut and pull any 4-1/2" casing

If you have any questions, comments, or if you require additional information, please feel free to contact me at 304-545-4848.

Thank You,

Nick Bumgardner
Permitting Supervisor

Diversified Energy Company
104 Heliport Loop Rd
Bridgeport, WV 26330
(304) 545-4848
nbumgardner@dgoc.com

Diversified Energy Company
104 Heliport Loop Rd
Bridgeport, WV 26330

09/27/2024

Originally Permitted Plugging Prognosis

4701900574

MH 6/29/24

Plugging Prognosis

API #: 4701900574

West Virginia, Fayette Co.

Nearest ER: Raleigh General Emergency Room - 1710 Harper Rd, Beckley, WV 25801

Casing Schedule:

8-5/8" @ 1352' (cemented to surface per report)

4-1/2" @ 2187' (cemented to surface w/ 200 sx cmt)

TD @ 2850'

Completion – Gordon Formation – 2646'-2658'; 2712'-2730'

Fresh Water: None listed

Salt Water: None listed

Gas Shows: None listed

Oil Shows: None listed

Coal: 130'-133'; 145'-148'

Elevation: 1235'

1. Notify Inspector for Fayette County, 48 hrs prior to commencing operations.
2. Check and record pressures on csg/tbg.
3. Check TD w/ wireline. ^{2850' JK} TD
4. Run in to depth @ ^{2730'} 2730'. Kill well as needed with 6% bentonite gel and fill rat hole with gel. Pump at least 10 bbls gel. Pump ^{184'} 184' Class L cement plug from ^{2730'} 2730' to 2546' (Completion plug) ^{TD-2850' JK}
Tag TOC. Top off as needed.
5. TOOH w/ tbg to 2546'. Pump 6% bentonite gel from 2546' to 2237'.
6. TOOH w/ tbg to 2237'. Pump 100' Class L cement plug from 2237' to 2137'. (4-1/2" csg shoe plug).
7. TOOH w/ tbg to 2137'. Pump 6% bentonite gel from 2137' to 1402'.
8. TOOH w/ tbg to 1402'. Pump 100' Class L cement plug from 1402' to 1185'. (8-5/8" csg shoe, elevation plug).
9. TOOH w/ tbg to 1185'. Pump 6% bentonite gel from 1185' to 200'.
10. TOOH w/ tbg to 200'. Pump 200' Class L Expanding cement plug from 200' to surface. (Coal and Surface plug)
11. Reclaim location and well road to WV DEP specifications and erect P&A well monument.

RECEIVED
Office of Oil and Gas
06/27/2024
WV Department of
Environmental Protection

09/27/2024

Updated Plugging Prognosis 9/20/2024

Plugging Prognosis

MH 9/23/24

API #: 4701900574

West Virginia, Fayette Co.

Nearest ER: Raleigh General Emergency Room - 1710 Harper Rd, Beckley, WV 25801

Casing Schedule:

8-5/8" @ 1352' (cemented to surface per report)

4-1/2" @ 2187' (cemented to 69' w/ 200 sx cmt assuming 6.25" wellbore size and 934' assuming 7-7/8" wellbore size)

TD @ 2850'

Completion – Gordon Formation – 2646'-2658'; 2712'-2730'

Fresh Water: None listed

Salt Water: None listed

Gas Shows: None listed

Oil Shows: None listed

Coal: 130'-133'; 145'-148'

Elevation: 1235'

1. Notify Inspector Murdock Howard @ 681-990-2568, 48 hrs prior to commencing operations.
2. Check and record pressures on csg/tbg.
3. Check TD w/ sandline/tbg.
4. Run in to depth @ 2780'. Kill well as needed with 6% bentonite gel and fill rat hole with gel. Pump at least 10 bbls gel. Pump 234' Class L cement plug from 2780' to 2546' (Completion plug) Tag TOC. Top off as needed.
5. TOOH w/ tbg to 2546'. Pump 6% bentonite gel from 2546' to 2237'.
6. TOOHH w/ tbg to 2237'. Pump 100' Class L cement plug from 2237' to 2137'. (4-1/2" csg shoe plug).
7. TOOH w/ tbg to 2137'. Pump 6% bentonite gel from 2137' to 1000'.
8. Run CBL to locate TOC behind 4-1/2" csg and cut/pull casing. Set 100' Class L cement plug across csg cut. 50' in/out of cut.
9. TOOH w/ tbg to 1402'. Pump 100' Class L cement plug from 1402' to 1185'. (8-5/8" csg shoe, elevation plug).
10. TOOH w/ tbg to 1185'. Pump 6% bentonite gel from 1185' to 200'.
11. TOOH w/ tbg to 200'. Pump 200' Class L Expanding cement plug from 200' to surface. (Coal and Surface plug)
12. Reclaim location and well road to WV DEP specifications and erect P&A well monument.

09/27/2024

Diversified Gas & Oil Corporation
Permitting Department
414 SUMMERS STREET
2ND. FLOOR
CHARLESTON WV 25301

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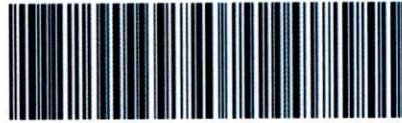


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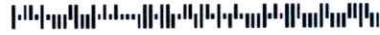


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GREG & CARLA TOLLIVER
PO BOX 261
GAULEY BRIDGE WV 25085-0261

FOLD ALONG THIS LINE



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

plugging permit mod issued 4701900574

1 message

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


Fri, Sep 27, 2024 at 9:57 AM

To: Nicholas Bumgardner <nbumgardner@dgoc.com>, Roy W Howard <roy.w.howard@wv.gov>, Chris Veazey <CVeazey@dgoc.com>

To whom it may concern, a modification has been issued for 4701900574.

James Kennedy

WVDEP OOG

 **4701900574 mod.pdf**
738K

09/27/2024