

FORM

6

Rev
11/20

State of Colorado Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109



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| DE | ET | OE | ES |
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Replug By Other Operator

Document Number:

402909125

Date Received:

WELL ABANDONMENT REPORT

This form is to be submitted as an Intent to Abandon whenever an abandonment is planned on a borehole. After the abandonment is complete, this form shall again be submitted as a Subsequent Report of the actual work completed. The approved intent shall be valid for six months after the approval date, after that period, a new intent will be required. Attachments required with the Intent to Abandon are wellbore diagrams of the current configuration and the proposed configuration with plugs set.

A Subsequent Report of Abandonment shall indicate the actual work completed. Attachments required with a Subsequent Report are a wellbore diagram showing plugs that were set and casing remaining in the hole, the job summaries from all plugging contractors used, including wireline and cementing (third party verification) and any logs that may have been run during abandonment.

OGCC Operator Number: 10454

Contact Name: Cal St. John

Name of Operator: PETROSHARE CORPORATION

Phone: (720) 545-5624

Address: 9635 MAROON CIRCLE #400

Fax:

City: ENGLEWOOD State: CO Zip: 80112

Email: cal.stjohn@state.co.us

For "Intent" 24 hour notice required,

Name: Sherman, Susan

Tel: (719) 775-1111

COGCC contact:

Email: susan.sherman@state.co.us

Type of Well Abandonment Report: ☒ Notice of Intent to Abandon ☐ Subsequent Report of Abandonment

API Number 05-039-06558-00

Well Name: RUNNING CREEK (OWP)

Well Number: 11-21

Location: QtrQtr: NWNW Section: 21 Township: 6S Range: 64W Meridian: 6

County: ELBERT

Federal, Indian or State Lease Number:

Field Name: WALLBANGER

Field Number: 90575

Only Complete the Following Background Information for Intent to Abandon

Latitude: 39.518956 Longitude: -104.567428

GPS Data: GPS Quality Value: 2.4 Type of GPS Quality Value: Date of Measurement: 07/11/2010

Reason for Abandonment: ☐ Dry ☐ Production Sub-economic ☐ Mechanical Problems☒ Other Orphaned WellCasing to be pulled: ☐ Yes ☒ No Estimated Depth:Fish in Hole: ☐ Yes ☒ No If yes, explain details belowWellbore has Uncemented Casing leaks: ☐ Yes ☒ No If yes, explain details below

Details:

Current and Previously Abandoned Zones

| Formation | Perf. Top | Perf. Btm | Abandoned Date | Method of Isolation | Plug Depth |
|-----------|-----------|-----------|----------------|---------------------|------------|
| D SAND | 8502 | 8510 | | | |

Total: 1 zone(s)

Casing History

| Casing Type | Size of Hole | Size of Casing | Grade | Wt/Ft | Csg/Liner Top | Setting Depth | Sacks Cmt | Cmt Btm | Cmt Top | Status |
|-------------|--------------|----------------|-------|------------|---------------|---------------|-----------|---------|---------|--------|
| SURF | 12+1/2 | 8+5/8 | UNK | 24 | 0 | 301 | 240 | 301 | 0 | VISU |
| 1ST | 7+7/8 | 5+1/2 | UNK | 17 | 6734 | 8660 | 300 | 8660 | 6734 | CALC |
| | | | | Stage Tool | | 2675 | 300 | 2675 | 749 | CALC |

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 8427 with 3 sacks cmt on top. CIBP #2: Depth _____ with _____ sacks cmt on top.
CIBP #3: Depth _____ with _____ sacks cmt on top. CIBP #4: Depth _____ with _____ sacks cmt on top.
CIBP #5: Depth _____ with _____ sacks cmt on top.

NOTE: Two(2) sacks cement required on all CIBPs.

Set 125 sks cmt from 2725 ft. to 1630 ft. Plug Type: CASING Plug Tagged: ☒
Set _____ sks cmt from _____ ft. to _____ ft. Plug Type: _____ Plug Tagged: ☐
Set _____ sks cmt from _____ ft. to _____ ft. Plug Type: _____ Plug Tagged: ☐
Set _____ sks cmt from _____ ft. to _____ ft. Plug Type: _____ Plug Tagged: ☐
Set _____ sks cmt from _____ ft. to _____ ft. Plug Type: _____ Plug Tagged: ☐

Perforate and squeeze at 6500 ft. with 45 sacks. Leave at least 100 ft. in casing 6410 CICR Depth
Perforate and squeeze at 3400 ft. with 40 sacks. Leave at least 100 ft. in casing 3410 CICR Depth
Perforate and squeeze at _____ ft. with _____ sacks. Leave at least 100 ft. in casing _____ CICR Depth

(Cast Iron Cement Retainer Depth)

Set 135 sacks half in. half out surface casing from 432 ft. to 0 ft. Plug Tagged: ☒

Set _____ sacks at surface

Cut four feet below ground level, weld on plate Above Ground Dry-Hole Marker: ☐ Yes ☒ No

Set _____ sacks in rat hole Set _____ sacks in mouse hole

Additional Plugging Information for Subsequent Report Only

Casing Recovered: _____ ft. of _____ inch casing

Surface Plug Setting Date: _____ Cut and Cap Date: _____ Number of Days from Setting Surface Plug to Capping or Sealing the Well: _____

*Wireline Contractor: _____

*Cementing Contractor: _____

Type of Cement and Additives Used: _____

Flowline/Pipeline has been abandoned per Rule 1105 ☐ Yes ☐ No

Technical Detail/Comments:

CBL Required. Plugging procedure may be modified based on CBL cement coverage findings.
The following are descriptions perforate and squeeze plugs and balance plugs with Tag requirements.
Plug #2 - Perf at 6500' and 6400'. Set CICR at 6410'. Pump 35 sx through CICR. Leave 10 sx on top of CICR.
Plug #3 - Perf at 3400' and 3300'. Set CICR at 3410'. Pump 30 sx through CICR. Leave 10 sx on top of CICR.
Plug #4 - Place 125 sx balanced plug from 2725' to 1630'. Tag above 1630' required.
Plug #5/Surface - Perf at 432'. Pump 135 sx circulating to surface. Cement to surface.

I hereby certify all statements made in this form are, to the best of my knowledge, true, correct, and complete.

Signed: _____

Print Name: Cal St. John

Title: OWP Engineering Tech

Date: _____

Email: cal.stjohn@state.co.us

Based on the information provided herein, this Well Abandonment Report (Form 6) complies with COGCC Rules and applicable orders and is hereby approved.

COGCC Approved: _____

Date: _____

CONDITIONS OF APPROVAL, IF ANY: _____

Expiration Date: _____

Condition of Approval

COA Type

Description

| | |
|--|---|
| | CBL to be run prior to plugging to verify stage tool setting depth and existing coverage - submit to COGCC for verification of plugging orders. |
| | <p>Prior to starting plugging operations a bradenhead test shall be performed if there has not been a reported bradenhead test within the 60 days immediately preceding the start of plugging operations.</p> <p>1) If, before opening the bradenhead valve, the beginning pressure is greater than 25 psi, sampling is required.</p> <p>2) If pressure remains at the conclusion of the test, or if any liquids were present during the test, sampling is required.</p> <p>The Form 17 shall be submitted within 10 days of the test. Sampling shall comply with Operator Guidance - Bradenhead Testing and Reporting Instructions. If samples are collected, copies of all final laboratory analytical results shall be provided to the COGCC within three (3) months of collecting the samples.</p> <p>If there is a need for sampling, contact COGCC engineering for verification of plugging procedure.</p> |
| | <p>1) Provide 2 business day notice of plugging MIRU via electronic Form 42.</p> <p>2) After placing the shallowest hydrocarbon isolating plug (7500'), operator must wait a sufficient time to confirm static conditions. If at any time after placing this plug there is evidence of pressure or of fluid migration, contact COGCC engineering before continuing operations.</p> <p>3) Prior to placing the 432' plug: verify that all fluid migration (liquid and gas) has been eliminated. If evidence of fluid migration or pressure remains, contact COGCC Engineer for an update to plugging orders.</p> <p>4) After isolation has been verified, pump plug and displace. If cement is not circulated to surface, shut-in, WOC 4 hours then tag plug – must be at 251' or shallower and provide 10 sx plug at the surface.</p> <p>5) Leave at least 100' of cement in the wellbore for each plug.</p> <p>6) Properly abandon flowlines as per Rule 1105. Pursuant to Rule 911.a. Closure of Oil and Gas Facilities, Operator will submit Site Investigation and Remediation Work plans via Form 27 for COGCC prior approval before cutting and capping the plugged well, conducting flowline abandonment, and removing production equipment. Pursuant to Rule 1105.f. Abandonment Verification, within 90 days of an operator completing abandonment requirements for a flowline or crude oil transfer line, an operator must submit a Field Operations Notice, Form 42-Abandonment of Flowlines for on-location flowlines, and a Flowline Report, Form 44, for off-location flowlines or crude oil transfer lines.</p> <p>7) With the Form 6 SRA operator must provide written documentation, which positively affirms each COA has been addressed.</p> |
| | Operator will implement measures to capture, combust, or control emissions to protect health and safety, and to ensure that vapors and odors from well plugging operations do not constitute a nuisance or hazard to public health, welfare and the environment. |

4 COAs

Attachment List

Att Doc Num

Name

| | |
|-----------|------------------|
| 402933505 | WELLBORE DIAGRAM |
|-----------|------------------|

Total Attach: 1 Files

General Comments

| <u>User Group</u> | <u>Comment</u> | <u>Comment Date</u> |
|-------------------|--|---------------------|
| Engineer | RTD | 01/20/2022 |
| Engineer | Well file verification not completed prior to approval of NOIA. | 01/07/2022 |
| Engineer | Deepest Water Well within 1 Mile – 1730' SB5 Base of Fox Hills - 2328' Lower Dawson 5875 6045 74.9 328 158 23.97NNT Denver 4987 5821 303.8 1216 382 82.63NT Upper Arapahoe 4386 4965 273.1 1817 1238 74.28NT Lower Arapahoe----- Laramie-Fox Hills 3875 4138 156.0 2328 2065 37.44NT | 01/07/2022 |

Total: 3 comment(s)