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Replug By Other Operator

Document Number:

403515658

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: 10814 Contact Name: Kelsi Welch
 Name of Operator: MDS ENERGY DEVELOPMENT LLC Phone: (303) 257-0107
 Address: 409 BUTLER RD SUITE A Fax: _____
 City: KITTANNING State: PA Zip: 16201 Email: kelsi.welch@iptwell.com

For "Intent" 24 hour notice required, Name: _____ Tel: _____
COGCC contact: Email: _____

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

API Number 05-123-13455-00
 Well Name: HOUSTON Well Number: 4-X
 Location: QtrQtr: SENW Section: 3 Township: 7N Range: 59W Meridian: 6
 County: WELD Federal, Indian or State Lease Number: _____
 Field Name: WILDCAT Field Number: 99999

Only Complete the Following Background Information for Intent to Abandon

Latitude: 40.605782 Longitude: -103.965861
 GPS Data: GPS Quality Value: 1.5 Type of GPS Quality Value: _____ Date of Measurement: 04/11/2023

Reason for Abandonment: Dry Production Sub-economic Mechanical Problems
 Other _____

Casing to be pulled: Yes No Estimated Depth: _____

Fish in Hole: Yes No If yes, explain details below

Wellbore 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	6692	6724	11/01/1989	SAND PLUG/CEMENT	6434

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	UKN	24	0	231	145	231	0	VISU
1ST	7+7/8	4+1/2	UKN	11.6	5920	6824	150	6824	6167	CALC
S.C. 1.1	6+3/4	5+1/2	P-110	20	0	269	80	269	0	CALC
OPEN HOLE	7+7/8				231	5920				

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth _____ with _____ 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 65 sks cmt from 5844 ft. to 5636 ft. Plug Type: OPEN HOLE Plug Tagged:
Set 50 sks cmt from 3004 ft. to 2892 ft. Plug Type: OPEN HOLE Plug Tagged:
Set 65 sks cmt from 1741 ft. to 1587 ft. Plug Type: OPEN HOLE Plug Tagged:
Set 65 sks cmt from 1587 ft. to 1322 ft. Plug Type: OPEN HOLE Plug Tagged:
Set 145 sks cmt from 631 ft. to 561 ft. Plug Type: OPEN HOLE Plug Tagged:

Perforate and squeeze at _____ ft. with _____ sacks. Leave at least 100 ft. in casing _____ CICR Depth

Perforate and squeeze at _____ ft. with _____ sacks. Leave at least 100 ft. in casing _____ CICR Depth

Perforate and squeeze at _____ ft. with _____ sacks. Leave at least 100 ft. in casing _____ CICR Depth

(Cast Iron Cement Retainer Depth)

Set 145 sacks half in. half out surface casing from 561 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: 07/27/2023 Cut and Cap Date: 08/01/2023 Number of Days from Setting Surface Plug to Capping or Sealing the Well: 5

*Wireline Contractor: Summit Oilfield Services

*Cementing Contractor: American Cementing

Type of Cement and Additives Used: _____

Flowline/Pipeline has been abandoned per Rule 1105 Yes No

Technical Detail/Comments:

Please note that the Form 6 NOI (doc #403211517) and Form 42 for MIRU (doc #403471627) were submitted by Morning Gun Exploration.

Gyro survey run on 7/25/2023, see attached.

This Option 3 offset mitigation was completed per COA for the wells located on the Castor 7-59 10 Pad (Loc id #471039). Operations summary, cement tickets and final WBD also attached.

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

Signed: _____

Print Name: Kelsi Welch

Title: Permitting & Compliance

Date: _____

Email: Kelsi.welch@iptwell.com

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:

COA Type	Description
0 COA	

Attachment List

Att Doc Num	Name
403515804	GYRO SURVEY
403515807	OPERATIONS SUMMARY
403515810	CEMENT JOB SUMMARY
403572090	CEMENT JOB SUMMARY
403628328	WELLBORE DIAGRAM

Total Attach: 5 Files

General Comments

User Group	Comment	Comment Date
		Stamp Upon Approval

Total: 0 comment(s)