

Replug By Other Operator
 Document Number:
 402278833
 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: 10651 Contact Name: Brian Stanley
 Name of Operator: VERDAD RESOURCES LLC Phone: (435) 640-6426
 Address: 5950 CEDAR SPRINGS ROAD Fax: _____
 City: DALLAS State: TX Zip: 75235 Email: bstanley@verdadresources.com

For "Intent" 24 hour notice required, Name: Medina, Justin Tel: (720) 471-0006
COGCC contact: Email: justin.medina@state.co.us

API Number 05-123-19771-00 Well Number: 2-25
 Well Name: HSR-HAFFNER
 Location: QtrQtr: NWNE Section: 25 Township: 1N Range: 65W Meridian: 6
 County: WELD Federal, Indian or State Lease Number: _____
 Field Name: WATTENBERG Field Number: 90750

Notice of Intent to Abandon Subsequent Report of Abandonment

Only Complete the Following Background Information for Intent to Abandon

Latitude: 40.027950 Longitude: -104.608813
 GPS Data:
 Date of Measurement: _____ PDOP Reading: _____ GPS Instrument Operator's Name: _____
 Reason for Abandonment: Dry Production Sub-economic Mechanical Problems
 Other Re-enter to Re-Plug
 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
J SAND	7755	7907	06/17/1999	CEMENT	7746
Total: 1 zone(s)					

Casing History

Casing Type	Size of Hole	Size of Casing	Weight Per Foot	Setting Depth	Sacks Cement	Cement Bot	Cement Top	Status
SURF	12+1/4	8+5/8	24	1,325	930	1,325	0	VISU

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 88 sks cmt from 6700 ft. to 6900 ft. Plug Type: OPEN HOLE Plug Tagged:
Set 88 sks cmt from 2300 ft. to 2500 ft. Plug Type: OPEN HOLE Plug Tagged:
Set 41 sks cmt from 600 ft. to 700 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:
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 86 sacks half in. half out surface casing from 1240 ft. to 1440 ft. Plug Tagged:
Set 41 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. _____ inch casing Cut and Cap Date: _____
*Wireline Contractor: _____ *Cementing Contractor: _____
Type of Cement and Additives Used: _____
Flowline/Pipeline has been abandoned per Rule 1105 Yes No *ATTACH JOB SUMMARY

Technical Detail/Comments:

Well is being re-plugged prior to the stimulation of the Safi 1224 Pad as per the DJ Basin Horizontal Offset Policy. All fluids used and removed from well will be contained in a closed-loop, re-circulating mud system.

- Build Temporary pad and access road from NW corner of property (west of where irrigation ditch crosses underneath CR 6)
- Cut off cap, weld on 8-5/8" Slip Collar w/3' 8-5/8" 8RD Pin x Blank pup, 8-5/8" threaded 10-3/4" 8RD 3k wellhead.
- MIRU WO Rig, beam, doghouse, BOP, accumulator, rig pump, shaker tank, rig tank, 9.5ppg water-based mud, pipe racks, 3-1/8" collars, 2-7/8" work string, power swivel.
- NU BOP + test
- Rack + Tally all pipe
- PU collars and 7-7/8" tri-cone, begin drilling out sfc plug.
- Wash/Ream to 1259', drill cement to 1325'.
- Wash/Ream to J-Sand plug @ 7641', Tag, C&C and prep POOH (If wellbore conditions prevent reaching total depth, contact COGCC for further instruction)
- POOH to sfc maintaining hole fill. LD collars and bit.
- TIH open ended to 6900'. MIRU Cementers.
- Spot 88sx cement plug 6900'-6700'.
- POOH to 5900' and circulate while WOC for 4 hours.
- RIH and tag plug, record depth
- POOH to 2500', RU cementers and spot 88sx balanced plug 2300'-2500'.
- POOH to 1800' and circulate while WOC for 4 hours.
- RIH and tag plug, record depth
- POOH to 1440', RU cements and spot 86sx balanced plug 1440'-1240'
- POOH to 900' and circulate while WOC for 4 hours.
- RIH and tag plug, record depth
- POOH to 700', RU cementers and spot 41sx balanced plug 700'-600'
- POOH to 300' and circulate while WOC for 4 hours.
- RIG and tag plug, record depth
- POOH to 100', RU cementers and spot 41sx balanced plug 100'-sfc.
- POOH to sfc and close blind rams. Clean up cementers and begin tidying location while WOC 4 hours.
- PU jt and tag sfc plug, ND BOP and top out cement as needed.
- RDMO cementers, rig, BOP's, shakers/tanks and supporting equipment.
- Call out welder, cut off csg 4' below GL and weld on marker cap w/ weep hole.
- Bury well, clean and reclaim temporary location.
- Submit form 42 and form 6 subsequent to the COGCC.

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

Signed: _____ Print Name: Brian Stanley
 Title: Sr. Completions Engineer Date: _____ Email: bstanley@verdadresources.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: _____ Expiration Date: _____

COA Type	Description
	Obtain as-drilled GPS and include on form 6 subsequent.

Attachment Check List

Att Doc Num	Name
402288125	LOCATION PHOTO
402288126	PROPOSED PLUGGING PROCEDURE
402288128	WELLBORE DIAGRAM
402288135	WELLBORE DIAGRAM
402293337	SURFACE OWNER CONSENT
402314280	PROPOSED PLUGGING PROCEDURE
402314293	LOCATION PHOTO
402314295	WELLBORE DIAGRAM
402314296	WELLBORE DIAGRAM

Total Attach: 9 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Engineer	<p>RTD for corrections.</p> <p>1. The attached location photos need to include the following: date taken, well name / API, and direction of view for each photo.</p> <p>2. The attached WBD's should be clearly labelled, "Current WBD" and "Proposed WBD"</p> <p>3. The reason for abandonment should be "Other" Other Describe: "Re-enter to Re-Plug". The text needs to be exactly this, as we periodically may query on the term. Please mention the well is being re-plugged prior to the stimulation of Safi 1224 pad as per the DJ Basin Offset Policy in the Submit tab.</p> <p>4. Need a confirmation that a closed loop system will be used. Comment can be placed in Submit tab.</p> <p>5. An additional plug is needed across and at least 50' above the top of the Fox Hills Aquifer to isolate it from the Lower Arapahoe aquifer. Top is at 936' per the Denver Basin Aquifer determination tool. https://dwr.state.co.us/Tools/DenverLocation</p>	02/12/2020
Permit	Pass.	01/27/2020
Permit	<ul style="list-style-type: none">-Submitter is agent.-Missing as-drilled well location.-No other forms in process.-Removed info on zones tab. Well was DA.-Reviewed Photos, WBDs and procedure.-Missing Surface owner consent.-Returned to draft.	01/21/2020

Total: 3 comment(s)