

FORM
6Rev
12/05

State of Colorado

Oil and Gas Conservation Commission

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



DE ET OE ES

Replug By Other Operator

Document Number:

400743162

Date Received:

12/01/2014

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: 47120

Contact Name: CHERYL LIGHT

Name of Operator: KERR MCGEE OIL & GAS ONSHORE LP

Phone: (720) 929-6461

Address: P O BOX 173779

Fax: (720) 929-7461

City: DENVER State: CO Zip: 80217-

Email: CHERYL.LIGHT@ANADARKO.COM

For "Intent" 24 hour notice required,

Name: Montoya, John

Tel: (970) 397-4124

COGCC contact:

Email: john.montoya@state.co.us

API Number 05-123-08288-00

Well Name: ERNIE F ADAMSON GAS UNIT

Well Number: 1

Location: QtrQtr: SWSW Section: 21 Township: 2N 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: 40.119522

Longitude: -104.674811

GPS Data:

Date of Measurement: 10/11/2014

PDOP Reading: 3.6

GPS Instrument Operator's Name: BART PFEIFER

Reason for Abandonment: ☐ Dry ☐ Production for Sub-economic ☐ Mechanical Problems☒ Other Re-enter and PlugCasing 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: This well was drilled and abandoned by Amoco on 02/18/75. During a bit trip from 7057', the bit and drill collars got stuck in what is believed to be the bottom 2 jnts of the 8-5/8" surface casing. Reports show they jarred on the fish with no luck leaving the fish in the well. The top of fish is believed to be at 126' and the bottom of the fish is believed to be around 406'. A 25 sx surface plug was set on top fo the fish. We plan to re-enter, drill outt he surface plug and tag and mill on the fish. If unsuccessful, we are planning to drill an Intercept well, the WHSS-Intercept, from 10-ft away and intercept the openhole beneath the fish at 425'.

Current and Previously Abandoned Zones

Formation	Perf. Top	Perf. Btm	Abandoned Date	Method of Isolation	Plug Depth

Total: 0 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	204	175	204	0	VISU
OPEN HOLE	7+7/8			7,057				

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 100 with 30 sacks cmt on top. CIPB #2: Depth _____ with _____ sacks cmt on top.
 CIBP #3: Depth _____ with _____ sacks cmt on top. CIPB #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 160 sks cmt from 7057 ft. to 6540 ft. Plug Type: OPEN HOLE Plug Tagged: ☐
 Set 390 sks cmt from 4550 ft. to 4150 ft. Plug Type: OPEN HOLE Plug Tagged: ☒
 Set 900 sks cmt from 1500 ft. to 406 ft. Plug Type: OPEN HOLE 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 _____ sacks half in. half out surface casing from _____ ft. to _____ ft. Plug Tagged: ☐
 Set 30 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 Plugging Date: _____
 *Wireline Contractor: _____ *Cementing Contractor: _____
 Type of Cement and Additives Used: _____
 Flowline/Pipeline has been abandoned per Rule 1103 ☐ Yes ☐ No *ATTACH JOB SUMMARY

Technical Detail/Comments:

Closed loop system will be used.
 Re-plug and re-entry procedure attached.
 Ernie Adamson Gas Unit # 1
 Step Description of Work
 1 Locate and expose 8 5/8" casing stub. Extend stub to surface and install 8 5/8"x 11" SOW, 3M casing head with 3000 psi ball valves in both outlets. The 8-5/8" casing parted and approx. 24' was recovered during P&A in 1975, so expect to find the well ~20-30' below ground.
 2 Prepare location for basebeam workover rig. Discuss with drilling construction foreman on necessary pad size and road upgrades needed for the drilling rig. Install perimeter fence as needed.
 3 Provide 48 hr notice to COGCC prior to rig up per request on approved Form 6 (e.g. call field coordinator, submit Form 42, etc.).
 4 MIRU openhole re-entry capable workover rig. NU 9" 3000 psi BOP stack on casing head. PT BOP and csg head per approved Form 2. Function test BOPE . NU rotating head on BOP. Hook up return line to shale shaker on flat tank. RU auxillary mud mixing equipment and tank.
 5 PU 7 7/8" mill tooth bit, necessary drill collars and drill pipe. Drill through existing cement plugs at surface (25 sk) using drilling mud.
 6 Once surface cement plug is drilled, continue RIH to top of fish at ~126 and tag. Circulate well with mud to get any gas out of hole.
 7 TOOH and PU appropriate mill for fish. RIH and mill on fish. (Note: fish consists of 2 jtns of 8-5/8" surface casing, bottom part of bumper subovershot jars, 9 drill collars, and bit). If fish breaks loose, chase to bottom of well while circulating and milling as needed.
 8 Once it is determined that fish will not move any further down the hole, spot a minimum 100 sack cement plug over fish. Contact Evans Engineering prior to cementing operations to get correct blends and size depending on depth of fish. Ideally, plugs would be set from 6540' - 7057' with 160 sx; from 4150' - 4550' with 390 sx and from 1500' to 100' with 1150 sx; and a CIPB would be set in the 8-5/8" casing at 100'. Consult Evans Engineering for detailed plugging procedure.
 9 If fish will not budge from its initial location at ~164', Contact Evans Engineering for plan forward.
 10 Instruct cementing and wireline contractors to e-mail copies of all job logs/job summaries to rscDJVendors@anadarko.com within 24 hrs of completion of the job.
 11 Supervisor submit paper copies of all invoices, logs, and reports to Joleen Kramer.
 12 Excavation crew to notify One Call to clear excavation area around wellhead and for flowlines.
 13 Excavate hole around surface casing enough to allow welder to cut casing minimum 5' below ground level.
 14 Welder cut casing minimum 5' below ground level.
 15 Fill casing to surface using 4500 psi compressive strength cement, (NO gravel).
 16 Spot weld on steel marker plate. Marker should contain Well name, Well number, legal location (1/4 1/4 descriptor) and API number.
 17 Obtain GPS location data as per COGCC Rule 215 and send to rscDJVendors@anadarko.com.
 18 Properly abandon flowlines per Rule 1103. File electronic Form 42 once abandonment complete.
 19 Back fill hole with fill. Clean location, level.
 20 Submit Form 6 to COGCC ensuring to provide 'As performed' WBD identifying operations completed.

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

Signed: _____ Print Name: CHERYL LIGHT
 Title: SR. REGULATORY ANALYST Date: 12/1/2014 Email: DJREGULATORY@ANADARKO.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: SCHLAGENHAUF, MARK Date: 12/2/2014

CONDITIONS OF APPROVAL, IF ANY: _____ Expiration Date: 6/1/2015

COA Type	Description
	<p>Note change in plugging procedure:</p> <ol style="list-style-type: none"> 1) Submit Form 42 electronically to COGCC 48 hours prior to MIRU. 2) If fish can be pulled out or pushed down to 850' or greater cement to surface is acceptable. 3) Properly abandon flowlines as per Rule 1103. File electronic Form 42 once abandonment complete. 4) If gyro run, please submit gyro survey data with Form 6 (s) Subsequent Report of Abandonment.

Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
400743162	FORM 6 INTENT SUBMITTED
400743168	LOCATION PHOTO
400743170	PROPOSED PLUGGING PROCEDURE
400743171	SURFACE OWNER CONSENT
400743173	WELLBORE DIAGRAM

Total Attach: 5 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Permit	Well Completion Report dated 3/31/1975.	12/2/2014 9:48:00 AM

Total: 1 comment(s)