FORM 6 Rev 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

Document Number: 400703743

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: 47120 Contact Name: REBECCA HEIM

Name of Operator: KERR MCGEE OIL & GAS ONSHORE LP Phone: (720) 929-6361

Address: P O BOX 173779 Fax: (720) 929-7361

City: DENVER State: CO Zip: 80217- Email: REBECCA.HEIM@ANADARKO.COM

For "Intent" 24 hour notice required, COGCC contact: Name: Johnson, Randell Tel: (303) 815-9641 Email: randell.johnson@state.co.us

API Number 05-123-10066-00

Well Name: WILLIAM E. GEE GAS UNIT Well Number: 2

Location: QtrQtr: SWSE Section: 24 Township: 2N Range: 67W 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: 40.119180 Longitude: -104.834980

GPS Data:

Date of Measurement: 06/04/2008 PDOP Reading: 2.1 GPS Instrument Operator's Name: Coddy Mattson

Reason for Abandonment: ☐ Dry ☒ Production for Sub-economic ☐ Mechanical Problems

☐ Other

Casing to be pulled: ☒ Yes ☐ No Estimated Depth: 1250

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	7884	7920			

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	618	425	618	0	VISU
1ST	7+7/8	4+1/2	10.5 & 11	8,020	200	8,020	7,246	CALC

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 7830 with 2 sacks cmt on top. CIPB #2: Depth 80 with 25 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 _____ 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: ☐

Set _____ sks cmt from _____ ft. to _____ ft. Plug Type: _____ Plug Tagged: ☐

Perforate and squeeze at 7200 ft. with 150 sacks. Leave at least 100 ft. in casing 6780 CICR Depth

Perforate and squeeze at 4650 ft. with 470 sacks. Leave at least 100 ft. in casing 4230 CICR Depth

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

(Cast Iron Cement Retainer Depth)

Set 580 sacks half in. half out surface casing from 1350 ft. to 400 ft. Plug Tagged: ☐

Set 25 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:

PLUG AND ABANDOMENT PROCEDURE (SEE ATTACHED PROCEDURE)
William E Gee Gas Unit 2
Engineer: Nicole Schaly (419.908.8781)
1 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.). Call IOC (970-506-5980) at least 24 hr prior to rig move. Request they catch and remove plunger, isolate production equipment and remove any automation prior to rig MIRU.
MIRU slickline services. Pull bumper spring and tag bottom. Run pressure bomb and obtain pressure gradient survey from surface to 7917' (halfway between J sand perfs) making gradient stops every 1000'. Forward pressure bomb results to Evans Engineering. RDMO slickline services.
Prepare location for base beam equipped rig. Install perimeter fence as needed.
Check and record Bradenhead pressure. If Bradenhead valve is not accessible, re-plumb so that valve is above GL.
MIRU, kill as necessary using clean fresh water with biocide. ND WH. NU BOP. Unseat landing jt, LD.
TOOH and SB 2 3/8'' production tubing (243 jts landed @ 7853').
RIH casing scraper on 2 3/8'' tubing for 4 1/2'', 10.5 #/ft - 11.6 #/ft casing to 7850'. P & LD scraper, SB 6780' tubing, LD remainder.
MIRU WL. Set CIBP at 7830' to abandon J sand perfs. Pressure test CIBP to 1000 psi. Dump bail 2 sx cement on top of CIBP.
RIH 2 3/8'' tbg to minumum of 2000'. Circulate hole to remove trapped gas.
Run CBL from 7750' to surface. Email results to brent.marchant@anadarko.com and nicole.schaly@anadarko.com. Results of this CBL may change the depth of the squeeze perfs over the Niobrara.
PU and RIH with 2-1' 3-1/8'' perf guns with 3 spf, 0.5'' diam 120° phasing. Shoot 1' of squeeze holes at 7200' and 6750'. RD WL.
MIRU hydrotester. PU 4 1/2'' CICR and RIH on 2 3/8'' tubing while hydrotesting. Set CICR at 6780'.
RU Cementers. Establish injection and circulation through squeeze holes. Pump Niobrara Suicide Squeeze: 150 sx (257 cuft) 50/50 Poz "G" w/ 20% silica flour, 3% gel, 0.1% sodium metasilicate, and 0.4% FL-52, mixed at 13.5 ppg and 1.71 cuft/sx. Underdisplace by 3 bbls and unsting from CICR spotting at least 100' cement on top of squeeze holes. The plug will cover 7200' - 6750'. Volume based on 450' in 9.5'' OH from caliper with 20% excess, 450' inside 4 1/2'' csg with no excess. RD cementers.
PUH to 6500' and circulate tubing clean to ensure no cement is left in the tubing.
P & SB 4230', LD remainder.
MIRU WL. PU and RIH with 2-1' 3-1/8'' perf guns with 3 spf, 0.5'' diam 120° phasing. Shoot 1' of squeeze holes at 4650' and 4200'. RD WL.

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: _____ 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: _____ Date: _____

CONDITIONS OF APPROVAL, IF ANY: Expiration Date: _____

Attachment Check List

Att Doc Num	Name
400703746	PROPOSED PLUGGING PROCEDURE
400703747	WELLBORE DIAGRAM

Total Attach: 2 Files

General Comments

User Group	Comment	Comment Date

Total: 0 comment(s)