FORM 6 Rev 11/20

State of Colorado
Energy & Carbon Management Commission

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

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Document Number: 403608555

Date Received: 11/28/2023

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: Christina Hirtler

Name of Operator: KERR MCGEE OIL & GAS ONSHORE LP Phone: (720) 929-6301

Address: P O BOX 173779 Fax:

City: DENVER State: CO Zip: 80217- Email: christina_hirtler@oxy.com

For "Intent" 24 hour notice required, COGCC contact: Name: Peterson, Tom Tel: (970) 370-1281 Email: tom.peterson@state.co.us

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

API Number 05-123-16601-00

Well Name: HSR-BURMESTER Well Number: 7-34

Location: QtrQtr: SWNE Section: 34 Township: 4N Range: 66W Meridian: 6

County: WELD Federal, Indian or State Lease Number: 60660

Field Name: WATTENBERG Field Number: 90750

Only Complete the Following Background Information for Intent to Abandon

Latitude: 40.269744 Longitude: -104.760425

GPS Data: GPS Quality Value: 2.7 Type of GPS Quality Value: Date of Measurement: 06/19/2009

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

☐ Other

Casing to be pulled: ☒ Yes ☐ No Estimated Depth: 600

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
CODELL	7261	7274			
NIOBRARA	6966	7146			

Total: 2 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+1/4	8+5/8	J55	24	0	389	280	389	0	VISU
1ST	7+7/8	4+1/2	I70	11.6	0	7407	200	7407	5870	CBL

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 260 with 80 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 5 sks cmt from 6936 ft. to 6875 ft. Plug Type: CASING Plug Tagged: ☐

Set 15 sks cmt from 4045 ft. to 3845 ft. Plug Type: CASING Plug Tagged: ☐

Set 15 sks cmt from 2160 ft. to 1955 ft. Plug Type: CASING Plug Tagged: ☐

Set 15 sks cmt from 1210 ft. to 1005 ft. Plug Type: CASING Plug Tagged: ☐

Set 80 sks cmt from 260 ft. to 0 ft. Plug Type: CASING Plug Tagged: ☐

Perforate and squeeze at 6966 ft. with 95 sacks. Leave at least 100 ft. in casing 6936 CICR Depth

Perforate and squeeze at 4560 ft. with 175 sacks. Leave at least 100 ft. in casing 4045 CICR Depth

Perforate and squeeze at 2800 ft. with 210 sacks. Leave at least 100 ft. in casing 2160 CICR Depth

(Cast Iron Cement Retainer Depth)

Set 100 sacks half in. half out surface casing from 600 ft. to 339 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:

Additional Plugging info.
Perforate and squeeze at 1800ft. with 195sacks. Leave at least 100 ft. in casing 1210 CICR Depth (Cast Iron Cement Retainer)

BMPs
Signage for P&As:
Prior to commencing operations, KMG will post signs in conspicuous locations. The signs will indicate plugging and abandonment operations are being conducted, the well name, well, and the Operator's contact information. Signs will be placed so as not to create a potential traffic hazard.

Notifications:
Courtesy notifications will be sent to all parcel owners with building units within 1,500 feet of the location letting them know about out plugging and abandonment operations and providing contact information for Kerr McGee's response line and online resources.

Wellbore Pressure:
In some cases, wellbore pressure drawdown operations may occur approximately 1-2 days prior to Move In Rig Up (MIRU) of the workover rig. This is conducted to allow for reduced time that the workover rig is needed on location. These operations will be conducted in accordance with Form 4 and/or Form 6 requirements.

Water:
Water will be placed on dirt access roads to mitigate dust as needed.

Lighting:
Operations are daylight-only; no lighting impacts are anticipated from operations.

Noise:
Operations will be in compliance with Table 423-1 requirements. Based off the rig sound signature, rig orientation will be considered to reduce noise levels to nearby building units.

Environmental Concerns:
This location was reviewed using a desktop method to review publicly available wildlife data (including CPW & ECMC data) as well as internal wildlife datasets and aerial imagery. All field personnel are trained to identify wildlife risks and raise concerns noticed during operations with the KMOG Health, Safety, and Environment (HSE) department.

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

Signed: _____ Print Name: Christina Hirtler

Title: Regualtory Date: 11/28/2023 Email: christina_hirtler@oxy.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: McFarland, Nick Date: 12/14/2023

CONDITIONS OF APPROVAL, IF ANY: Expiration Date: 6/13/2024

COA Type	Description
	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. 1) If, before opening the bradenhead valve, the beginning pressure is greater than 25 psi, sampling is required. 2) If pressure remains at the conclusion of the test, or if any liquids were present during the test, sampling is required. 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 ECMC within three (3) months of collecting the samples. If there is a need for sampling, contact ECMC engineering for verification of plugging procedure.
	Operator shall implement measures to control venting, 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 welfare.

	Consistent with Rule 911.a, a Form 27 must be approved prior to cut and cap, conducting flowline abandonment, or removing production equipment. Allow 30 days for Director review of the Form 27; include the Form 27 document number on the Form 44 for offsite flowline abandonment (if applicable) and on the Form 6 Subsequent. Properly abandon flowlines per Rule 1105. If flowlines will be abandoned in place, include with the Form 27: pressure test results conducted in the prior 12 months as well as identification of any document numbers for a ECMC Spill/Release Report, Form 19, associated with the abandoned line.
	1) Provide electronic Form 42 Notice of MIRU 2 business days ahead of operations and electronic Form 42 Notice of Plugging Operations 48 hours prior to mobilizing for plugging operations. These are two separate notifications, required by Rules 405.e and 405.l. 2) Prior to placing cement above the base of the Upper Pierre (1400') : verify that all fluid (liquid and gas) migration has been eliminated. If evidence of fluid migration or pressure remains, contact ECMC Engineer for an update to plugging orders. 3) Pump surface casing shoe plug only after isolation has been verified. If surface casing cement is not circulated to surface, shut-in, WOC 4 hours then tag plug – must be at 339’ or shallower and provide a minimum of 10 sx plug at the surface. 4) Leave at least 100’ of cement in the wellbore for each plug without mechanical isolation. 5) After cut and prior to cap, verify isolation by either a 15 minute bubble test or 15 minute optical gas imaging recording. If there is indication of flow contact ECMC Engineering. Provide a statement on the 6SRA which method was used and what was observed. Retain records of final isolation test for 5 years. 6) With the Form 6 SRA operator must provide written documentation which positively affirms each COA listed above has been addressed.
	Due to proximity to a mapped wetland and/or surface water, operator will use secondary containment for all tanks and other liquid containers. Operator will implement stormwater BMPs and erosion control measures as needed to prevent sediment and stormwater runoff from entering the wetland and surface water.
	COA's provided by the operator as Best Management Practices under Technical Detail / Comments: Signage for P&As: Prior to commencing operations, KMG will post signs in conspicuous locations. The signs will indicate plugging and abandonment operations are being conducted, the well name, well, and the Operator’s contact information. Signs will be placed so as not to create a potential traffic hazard. Notifications: Courtesy notifications will be sent to all parcel owners with building units within 1,500 feet of the location letting them know about out plugging and abandonment operations and providing contact information for Kerr McGee's response line and online resources. Noise: Operations will be in compliance with Table 423-1 requirements. Based off the rig sound signature, rig orientation will be considered to reduce noise levels to nearby building units.
6 COAs	

Attachment List

Att Doc Num	Name
403608555	WELL ABANDONMENT REPORT (INTENT)
403608588	PROPOSED PLUGGING PROCEDURE
403608589	WELLBORE DIAGRAM
403625607	FORM 6 INTENT SUBMITTED

Total Attach: 4 Files

General Comments

User Group	Comment	Comment Date
Engineer	5/9/23 - BH test 1 psi SI since March 2022. SB5 Base of Fox Hills: 290' Deepest Water Well Within One Mile: 500' Number of Wells: 145 UPA Base 1400' - Induction Log Production within one mile: JSND, CODL, NBRR, SUSX	12/14/2023
OGLA	OGLA review complete.	12/11/2023
Permit	Confirmed as-drilled well location. Production reporting up-to-date. No other forms in process. Confirmed productive intervals docnum: 140044. Reviewed WBD and procedure. Pass.	12/04/2023

Total: 3 comment(s)

OCCIDENTAL PETROLEUM CORPORATION
Please contact your area engineer with any questions concerning this procedure.
11/16/2023
PLUG and ABANDONMENT PROCEDURE
BURMESTER 7-34 API: 05-123-16601

Step	Description
1	Review Previous Open Wells Reports/Well History. If you have questions or concerns, contact Foreman/Engineer.
2	**COA: Provide 48 hour notice to Colorado ECMC prior to rig up per request on approved Form 6 (e.g. call field coordinator, submit Form 42, etc.).**
3	Notify Automation Removal Group at least 24 hours prior to rig move. Request they catch and remove plunger, isolate production equipment, and remove any automation prior to rig MIRU.
4	MIRU Slickline and Core Tech. Pull production equipment and tag bottom. Record tag depth, casing/tubing pressures and fluid level in Open Wells. RUN GYRO to ', making stops every 100'. RDMO Slickline and Core Tech.
5	Prepare location for base beam equipped rig. Install perimeter fence as needed.
6	**COA: Verify Form 17 (State Bradenhead Test) has been run within 60 days of RU.**
7	**Refer to the Rockies Well Services Guidelines document whenever rigging up BOP and WL, or whenever tripping in or out of the well. Consult with Foreman/Engineer before deviating from these guidelines. All cement jobs (excluding injections squeezes) must be pumped at 4-6 BPM. All cement plugs pumped through tubing must use the Diverter tool. Final top-out can be pumped between 2-4 BPM.**
8	Upon RU, check and record bradenhead pressure. If bradenhead valve is not accessible, re-plumb so that valve is above GL. Blow down bradenhead and leave open during working hours. Re-check pressure each day and input value in the "Casing press." box in Open Wells.
9	MIRU WO rig. Spot a min of 228 jts of 2-3/8", 4.7#, J-55, EUE tbg. Verify BOP and wellhead rating, inspect for appropriate API standards, pressure test BOP. Kill well as necessary using biocide treated fresh water. ND WH. NU BOP. Unland tbg. **Barrier Management** Fluid will be the only barrier while NU BOP. Stop and review JSA.
10	TOOH and SB 6936' 2-3/8" tbg.
11	**USE EXISTING NIOBRARA PERFORATIONS AT 6966'.**
12	PU and TIH with (4-1/2", 11.6#) CICR on 2-3/8" tbg. Set CICR at 6936'.
13	Establish an injection rate with treated water. Record rate and pressure results and report them to the Foreman/Engineer. Plugging orders may change based on results. When 1 bpm is achieved, record pressure and successful test has been completed.
14	Note: Do not exceed 40 bbls of cement on injection squeezes.
15	MIRU cementers. Pump Niobrara Injection Squeeze: 100 sx (27.1 bbl or 152 cf) of the Niobrara Cement blend: Class G with 0.4% B547 Gas Block (Latex) and 0.4% D255 FLA (Fluid Loss) and 35% D066 Silica Flour and 0.2% D800 (Retardant) and 0.3% D065 (Dispersant). Underdisplace by 1 bbls, leaving 5 sx on top of CICR. Collect wet and dry samples of cement to be left on rig. RDMO cementers.
16	Pull tbg up to 6675' and reverse circulate 2x well volume until well is clean.
17	Pull out of cement. TOOH, SB 4045' of 2-3/8" tbg. LD remaining tbg.
18	**MIRU WL. PU and RIH with two 4', 3-1/8'' perf guns with 4 spf. Shoot 16 squeeze holes at 4560' and 16 squeeze holes at 3985'. RDMO WL.**
19	PU and TIH with (4-1/2", 11.6#) packer on 2-3/8" tbg. Set packer at 4045'.
20	Initiate circulation at low rate monitoring returns for fluid. Add mud thinner to hydrate/clean mud. Slowly increase circulation rate to 4-6 BPM using mud thinner and gel polymer sweeps as needed.
21	Pump 50 bbls of 160F HSF (0.5 gals/bbl or 1.5 lbs/bbl) and let soak for ~2 hours. Continue circulating at 4-6 BPM if possible. If returns show hydrocarbons or a 1 hr build-up shows pressure, swab and vent well and clean open tank. Circulate clean fluid before pumping cement.
22	Release packer. TOOH, SB 2-3/8" tbg. LD packer.
23	PU and TIH with (4-1/2", 11.6#) CICR on 2-3/8" tbg. Set CICR at 4045'.

24	MIRU cementers. Pump 10 bbls (min) of pre-flush, followed by 5 bbls fresh water spacer. Pump Sussex Squeeze: 190 sx (40.3 bbl or 227 cf) of the Sussex AGM: Class G with 0.4% B547 Gas Block (Latex) and 2% D053 Expansion (Gyp) and 0.25% D255 FLA (Fluid Loss)0.3% D065 (Dispersant). Underdisplace by 3.15 bbls, leaving 15 sx on CICR. Collect wet and dry samples of cement to be left on rig. RDMO Cementers.
25	Pull out of cement. TOOH to 3345'. Reverse circulate a minimum of 2 hole volume after cementing to ensure no cement is left in the tbg or annulus.
26	TOOH and SB 2160' of 2-3/8" tbg. LD stinger, and remaining tbg.
27	**MIRU WL. PU and RIH with two 4', 3-1/8'' Big Hole perf guns with 4 spf. Shoot 16 squeeze holes at 2800' and 16 squeeze holes at 2100'. RDMO WL.**
28	PU and TIH with (4-1/2", 11.6#) packer on 2-3/8" tbg. Set packer at 2160'.
29	Initiate circulation at low rate monitoring returns for fluid. Add mud thinner to hydrate/clean mud. Slowly increase circulation rate to 4-6 BPM using mud thinner and gel polymer sweeps as needed.
30	Pump 50 bbls of 160F HSF (0.5 gals/bbl or 1.5 lbs/bbl) and let soak for ~2 hours.
31	Continue circulating at 4-6 BPM if possible. If returns show hydrocarbons or a 1 hr build-up shows pressure, swab and vent well and clean open tank. Circulate clean fluid before pumping cement.
32	Release packer. TOOH, SB 2-3/8" tbg. LD packer.
33	PU and TIH with (4-1/2", 11.6#) CICR on 2-3/8" tbg. Set CICR at 2160'.
34	MIRU cementers. Pump 10 bbls (min) of pre-flush, followed by 5 bbls fresh water spacer. Pump Squeeze: 225 sx (48.5 bbl or 273 cf) of the Lower AGM blend: Class G with 0.4% B547 Gas Block (Latex) and 1% S001 CC (Calcium Chloride) and 4% D053 Expansion (Gyp). Underdisplace by 3.2 bbls, leaving 15 sx on top of CICR. Collect wet and dry samples of cement to be left on rig. RDMO Cementers.
35	Pull out of cement. TOOH to 1850'. Reverse circulate a minimum of 2 hole volume after cementing to ensure no cement is left in the tbg or annulus.
36	TOOH and SB 1210' of 2-3/8" tbg. LD stinger, and remaining tbg.
37	**COA: Prior to placing cement above the base of the Upper Pierre (1400'): verify that all fluid (liquid and gas) migration has been eliminated. If evidence of fluid migration or pressure remains, contact ECMC Engineer for an update to plugging orders.**
38	**MIRU WL. PU and RIH with two 4', 3-1/8'' perf guns with 4 spf. Shoot 16 squeeze holes at 1800' and 16 squeeze holes at 1150'. RDMO WL.**
39	PU and TIH with (4-1/2", 11.6#) packer on 2-3/8" tbg. Set packer at 1210'.
40	Initiate circulation at low rate monitoring returns for fluid. Add mud thinner to hydrate/clean mud. Slowly increase circulation rate to 4-6 BPM using mud thinner and gel polymer sweeps as needed.
41	Pump 50 bbls of 160F HSF (0.5 gals/bbl or 1.5 lbs/bbl) and let soak for ~2 hours.
42	Continue circulating at 4-6 BPM if possible. If returns show hydrocarbons or a 1 hr build-up shows pressure, swab and vent well and clean open tank. Circulate clean fluid before pumping cement.
43	Release packer. TOOH, SB 2-3/8" tbg. LD packer.
44	PU and TIH with (4-1/2", 11.6#) CICR on 2-3/8" tbg. Set CICR at 1210'.
45	MIRU cementers. Pump 10 bbls (min) of pre-flush, followed by 5 bbls fresh water spacer. Pump Squeeze: 210 sx (45.3 bbl or 255 cf) of the Upper AGM blend: Class G with 0.4% B547 Gas Block (Latex) and 1.5% S001 CC (Calcium Chloride) and 4% D053 Expansion (Gyp). Underdisplace by 3.2 bbls, leaving 15 sx on top of CICR. Collect wet and dry samples of cement to be left on rig. RDMO Cementers.
46	Pull out of cement. TOOH to 905'. Reverse circulate a minimum of 2 hole volume after cementing to ensure no cement is left in the tbg or annulus.
47	TOOH and SB 600' of 2-3/8" tbg. LD stinger, and remaining tbg.
48	PU and TIH with mechanical cutter on 2-3/8" tbg. Tag TOC at ~ 1005'. PT csg to 500 psi for 15 minutes.
49	**Raise mechanical cutter on 2-3/8" tbg. Cut 4-1/2", 11.6# casing at 600'. TOOH and LD cutter.**
50	Attempt to establish circulation with biocide treated fresh water.
51	ND BOP. ND TH. Un-land casing. Rig max pull shall be 100,000#. Max pull over string weight shall be 50,000#. If unable to unland, contact Foreman/Engineer. **Barrier Management** Fluid will be the only barrier while unlanding casing. Stop and review JSA.

52	Install BOP on casing head with 4-1/2", 11.6# pipe rams. **Barrier Management** Fluid will be the only barrier while NU BOP. Stop and review JSA.
53	TOOH and LD all 4-1/2", 11.6# casing. Remove 4-1/2", 11.6# pipe rams and install 2-3/8" pipe rams.
54	TIH with diverter tool on 2-3/8" tubing to 600'. Establish circulation to surface with biocide treated fresh water.
55	Initiate circulation at low rate monitoring returns for fluid. Add mud thinner to hydrate/clean mud. Slowly increase circulation rate to 4-6 BPM using mud thinner and gel polymer sweeps as needed.
56	Pump 40 bbls of 160F HSF (0.5 gals/bbl or 1.5 lbs/bbl) and let soak for ~2 hours.
57	Continue circulating at 4-6 BPM if possible. If returns show hydrocarbons or a 1 hr build-up shows pressure, swab and vent well and clean open tank. Circulate clean fluid before pumping cement.
58	**COA: Verify and document that all pressure and fluid migration has been eliminated prior to placing the SC shoe plug at 600'. If there is evidence of pressure or fluid migration, contact Engineering.**
59	MIRU cementers. Pump 10 bbls (min) of pre-flush, followed by 5 bbls fresh water spacer. Pump Surface Casing Shoe Plug: Pump 100 sx (21.6 bbl or 121 cf) of the Upper AGM blend: Class G with 0.4% B547 Gas Block (Latex) and 1.5% S001 CC (Calcium Chloride) and 4% D053 Expansion (Gyp). Volume is based on 211' in 7.875" bit size open hole with 100% excess factor. 204' in the 8-5/8", 24# surface casing with no excess. The plug is designed to cover 600'-421'. Collect wet and dry samples of cement to be left on rig. RDMO Cementers. Notify engineering if circulation is ever lost during job.
60	**COA: If cement was not circulated to surface, then WOC 4 hours. Tag TOC. TOC must be 339' or shallower. If tag is too deep or there is evidence of pressure or fluid migration, contact Engineering.**
61	Pull out of cement. TOOH to 260'. Forward circulate tbg clean with fresh water. TOOH & SB 260' of tubing. WOC 4 hours.
62	**Note: Plug can be tagged after a 4 hour WOC, but must have a 6 hour WOC prior to pressure testing.**
63	ND 7-1/16" BOP. NU 9" or 11" BOP. RIH with bit and scraper. Clean csg and tag TOC. Circulate Clean. POOH. PT casing to 500 psi. Contact engineering if test fails.
64	**MIRU WL. PU and RIH with (8-5/8", 24#) CIBP and set at 260'. POOH. RDMO WL.**
65	TIH with diverter tool on 2-3/8" tubing to 260'. Either swab well down or use rig air to remove water from well. (Note: Do not exceed 175 psi if using rig air). If either methods cannot be performed, contact engineering to discuss excess cement volume for top out plug.
66	**DO NOT PUMP WATER AHEAD OF CEMENT.** MIRU Cementers. Pump Surface Plug: Pump 80 sx (17.3 bbl or 97 cf) of the Surface AGM blend: Class G with 0.4% B547 Gas Block (Latex) and 2% S001 CC (Calcium Chloride) and 4% D053 Expansion (Gyp). Volume based on 260' inside 8-5/8", 24# surface casing with no excess. Cement will be from 260' to surface. Verify and document cement to surface. Collect wet and dry samples of cement to be left on rig.
67	TOOH and remove diverter tool. Insert ~5' of 2-3/8" Tbg. Circulate FW to clean Csg & Csg Valves. LD final joint of 2-3/8" Tbg. RDMO cementers. ND BOP. Install night cap. RDMO WO rig.
68	Instruct cementing, tools and wireline contractors to e-mail copies of all job logs/job summaries to rscDJVendors@oxy.com within 24 hours of completion of the job.
69	Supervisor submit paper copies of all invoices, logs, and reports to Well Services Engineering Specialist.
70	Excavation crew to notify One Call to clear excavation area around wellhead and for flow lines.
71	Excavate hole around surface casing enough to allow welder to cut casing a minimum 5' below ground level.
72	Welder cut casing minimum 5' below ground level.
73	Spot weld on steel marker plate. Marker should contain Well name, Well number, legal location (1/4 1/4 descriptor) and API number.
74	Obtain GPS location data as per ECMC Rule 215 and provide to GPS Teams page and Oxy GIS database.
75	Properly abandon flow lines per Rule 1105. File electronic Form 42 and/or Form 44 once abandonment is complete.
76	Back fill hole with fill. Clean location, and level.
77	Submit Form 6 Subsequent Report to ECMC ensuring to provide 'As performed' WBD identifying operations completed.

Deepest WW 1 mile: 500'; FHM: 908'; Sussex Top: 4189'; Sussex Base: 4460'; Shannon Base: 4886'; Niobrara Top: 6964'

GYRO IS NEEDED
No known casing integrity issues.
SUSSEX PRODUCTIVE WITHIN 1 MILE
Well was drilled by Elk Exploration.
Vertical Well.

API:	**05-123-16601**	**CREATED BY:**	**A. SIMMONS**	**DATE:**	**Nov 16, 2023**
WELL NAME:	**BURMESTER 7-34**	**ELEVATION:**	**4804**	**QTRQTR:**	**SWNE**
COUNTY:	**WELD**	**GROUND LEVEL:**	**4794**	**SEC:**	**34**
LATITUDE:	**40.2697465**	**MD:**	**7412**	**TWN:**	**4N**
LONGITUDE:	**-104.7604311**	**PBMD:**	**7361**	**RNG:**	**66W**

Existing — DATUM: RKB, KB=10' — **Proposed**

Hole Size/Depth 12-1/4" / 403'

Deepest water well in 1 mile - 500'

280 Sx Cmt

Surface Casing 8-5/8", 24#, J-55 set @ 389'

Upper Pierre Aquifer Base 1400'

Sussex Productive in 1 mile
Top 4189'
Base 4460'

Shannon Base 4886' - NOT productive in 1 mile

TOC (from CBL) 5870'

Niobrara Top 6964'

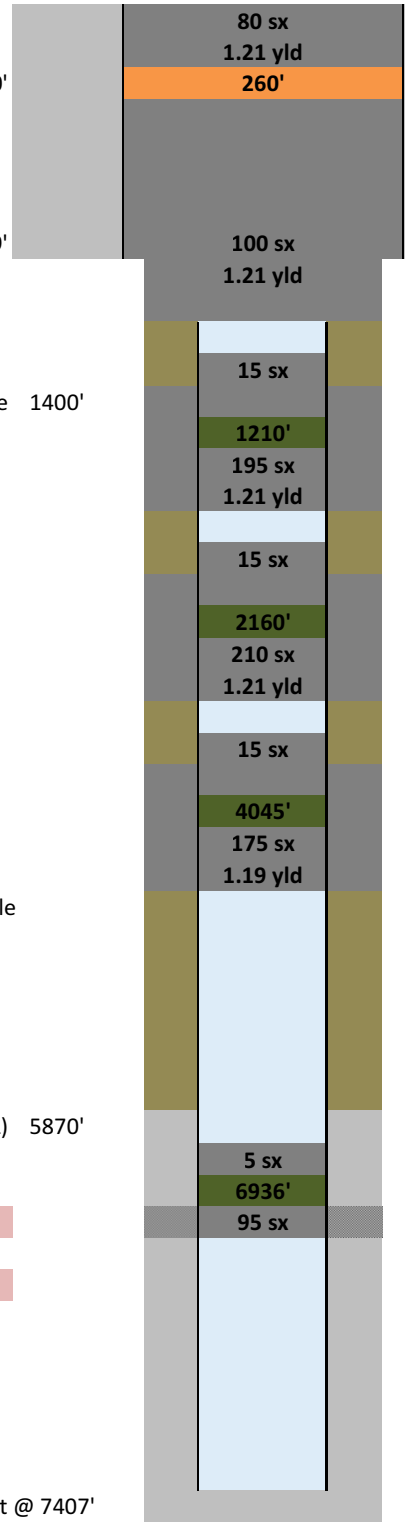
Niobrara Perfs 6966' - 7146'

Codell Perfs 7261' - 7274'

200 Sx Cmt

Production Casing 4-1/2", 11.6#, I-70 set @ 7407'

Hole Size/Depth 7-7/8" / 7412'



339' TOC

600' BOC/Cut casing

1005' TOC in csg

1150' Perfs/TOC

1800' Perfs/BOC

1955' TOC in csg

2100' Perfs/TOC

2800' Perfs/BOC

3845' TOC in csg

3985' Perfs/TOC

4560' Perfs/BOC

6875' TOC in csg

6966' Perfs/BOC

New Cement
Existing Cement
New CICR
Existing CICR
New CIBP
Existing CIBP
Treated Water
Brine
Mud
Sand Plug