



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

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COGCC/Rifle Office			

WELL ABANDONMENT REPORT

Submit original plus one copy. This form is to be submitted as an intent whenever a plugging is planned on a borehole. The approved intent shall be valid for twelve months after the approval date after that period a new intent will be required. After the plugging is complete, this form and one copy shall again be submitted as a subsequent report of the work as actually completed.

24 hour notice required.

COGCC Operator Number: <u>66561</u>	Contact Name & Telephone <u>Joan Proulx</u>	contact: Warner Meece Tel: <u>970.263.3638 / 970.985.3004</u>															
Name of Operator: <u>OXY USA Inc., Attn: Glenda Jones</u>	No: <u>970-263-3641</u>																
Address: <u>P O Box 27757</u>	Fax: <u>970-263-3694</u>																
City: <u>Houston</u> State: <u>TX</u> Zip: <u>77227-7757</u>																	
API Number <u>05-077-08678-00</u>		Complete the Attachment Checklist <table border="1"> <tr> <td>Wellbore Diagram</td> <td>Oper</td> <td>OGCC</td> </tr> <tr> <td>Cement Job Summary</td> <td></td> <td></td> </tr> <tr> <td>Wireline Job Summary</td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> </tr> </table>	Wellbore Diagram	Oper	OGCC	Cement Job Summary			Wireline Job Summary								
Wellbore Diagram	Oper		OGCC														
Cement Job Summary																	
Wireline Job Summary																	
Well Name: <u>Gunderson Federal</u> Well Number: <u>12-2</u>																	
Location (QtrQtr, Sec, Twp, Rng, Meridian): <u>NWNE 12 9S 94W 6 PM</u>																	
County: <u>Mesa</u> Federal, Indian or State Lease Number: <u>N/A</u>																	
Field Name <u>Brush Creek</u> Field Number <u>7562</u>																	

Notice of Intent to Abandon **Subsequent Report of Abandonment**

Only Complete the Following Background Information for Intent to Abandon

Latitude: 39.296283 Longitude: -107.827536
 GPS Data:
 Date of Measurement: _____ PDOP Reading: _____ Instrument Operator's Name: _____

Reason for Abandonment: Dry Production Sub-economic Mechanical Problems Other
 Casing to be Pulled: Yes No Top of Casing Cement: 4630'
 Fish in Hole: Yes No If yes, explain details below
 Wellbore has Uncemented Casing Leaks: Yes No If yes, explain details below
 Details: Suspected leak in 4 1/2" casing above 5900'

Current and Previously Abandoned Zones

Formation	Perforations - Top	Perforations - Bottom	Date Abandoned	Method of Isolation (None, Squeezed, BP, Cement, etc.)	Plug Depth
<u>Mesa Verde</u>	<u>6053'</u>	<u>7445'</u>			
<u>Cozette</u>	<u>8327'</u>	<u>8364'</u>	<u>12/22/94</u>	<u>Squeezed</u>	<u>8327'</u>
<u>Carcason</u>	<u>8492'</u>	<u>8549'</u>			

Casing History

String	Size of Hole	Size of Casing	Weight per ft	Setting Depth	Sacks Cement	Cement Bottom	Cement Top
Conductor	24"	16"	55	80'	4 yds	80'	Surface
Surface	12 1/4"	8 5/8"	36	502'	350	502'	Surface
Production	7 7/8"	4 1/2"	11.6	8699'	1370	8699'	4630'

Plugging Procedure for Intent and Subsequent Report

CIPB #1: Depth 6020 with 2 sacks cmt on top. CIPB #2: Depth _____ with _____ sacks cmt on top. NOTE: Two (2) sacks cement required on all CIBPs.

Set 14 cu ft sks cmt from 2350 ft. to 2550 ft. in Casing Open Hole Annulus
 Set 14 cu ft sks cmt from 820 ft. to 1020 ft. in Casing Open Hole Annulus
 Set 5 cu ft sks cmt from surface ft. to 50 ft. in Casing Open Hole Annulus
 Set _____ sks cmt from _____ ft. to _____ ft. in Casing Open Hole Annulus
 Set _____ sks cmt from _____ ft. to _____ ft. in Casing Open Hole Annulus

Perforate and squeeze at 2600 ft. with 50 cu ft sacks Leave at least 100 ft. in casing
 Perforate and squeeze at 1070 ft. with 50 cu ft sacks Leave at least 100 ft. in casing
 Perforate and squeeze at 552 ft. with 32 cu ft sacks Leave at least 100 ft. in casing

Set _____ sacks half in, half out surface casing from _____ ft. to _____ ft.
 Set _____ sacks at surface
 Cut four feet below ground level, weld on plate 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 _____ in. casing Plugging date: _____
 *Wireline Contractor: _____ *Cementing Contractor: _____
 Type of Cement and Additives Used: _____
***Attach job summaries.**

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

Print Name Joan Proulx Email: joan_proulx@oxy.com
 Signed: [Signature] Title: Regulatory Analyst Date: 12/02/10
 OGCC Approved: [Signature] Title: EIT III Date: DEC 08 2010
CONDITIONS OF APPROVAL, IF ANY:

Operator must provide well location GPS coordinates on Subsequent Report of Abandonment in accordance with COGCC As-Built Location Policy and Rule 215.

Gunderson 12-2

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Isolate Completion Interval

1. Set CIBP @ 6020'.
2. Dump bail 2 sacks of cement on top of CIBP.

Isolate TOG

3. Perforate 4-1/2" casing at 2600' (100' below TOG at 2500').
 4. Set cement retainer at 2550'.
 5. Sting into retainer and squeeze 50 cuft of cement below retainer.
 6. Unsting from retainer and equalize 14 cuft of cement on top of retainer.
- Note: Steps 5 and 6 will leave 200' of cement both inside and outside the casing.

Isolate BTW

7. Perforate 4-1/2" casing at 1070' (100' below BTW at 970').
 8. Set cement retainer at 1020'.
 9. Sting into retainer and squeeze 50 cuft of cement below retainer.
 10. Unsting from retainer and equalize 14 cuft of cement on top of retainer.
- Note: Steps 9 and 10 will leave 200' of cement both inside and outside the casing.

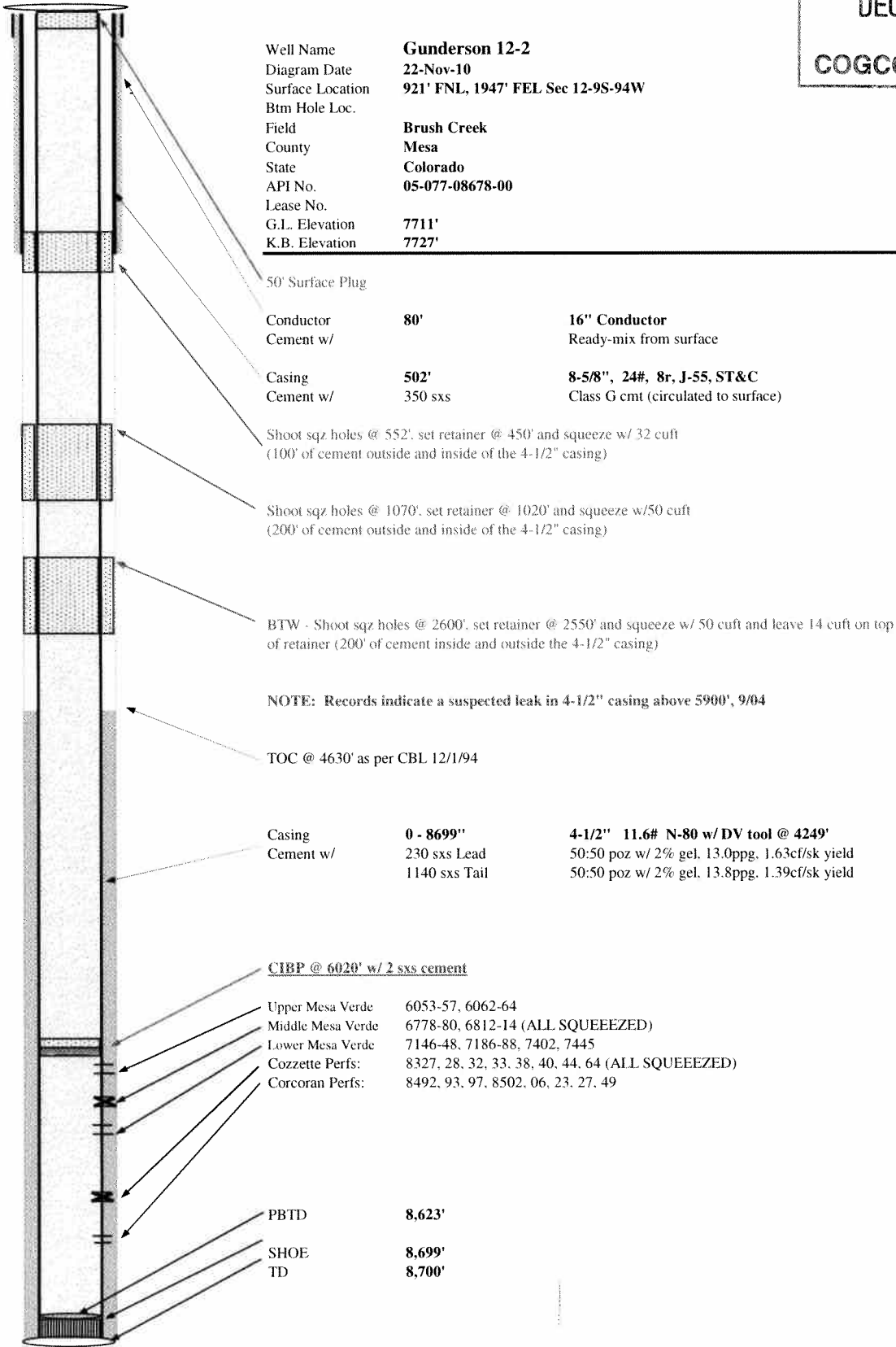
Isolate Surface Casing & Set Surface Plug

11. Perforate 4-1/2" casing at 552'.
12. Set cement retainer at 450'.
13. Sting into retainer and squeeze 32 cuft of cement. This will circulate cement on the inside and outside of the 4-1/2" casing from 552' to 450'.
14. Unsting from retainer, raise tubing to 50' and equalize 5 cuft of cement inside of 4-1/2" casing from 50' to surface.
15. Cut off casings 5' below ground level, weld on metal cap and install surface marker.

Well Bore Schematic
Proposed Abandonment

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Well Name **Gunderson 12-2**
Diagram Date **22-Nov-10**
Surface Location **921' FNL, 1947' FEL Sec 12-9S-94W**
Btm Hole Loc.
Field **Brush Creek**
County **Mesa**
State **Colorado**
API No. **05-077-08678-00**
Lease No.
G.L. Elevation **7711'**
K.B. Elevation **7727'**



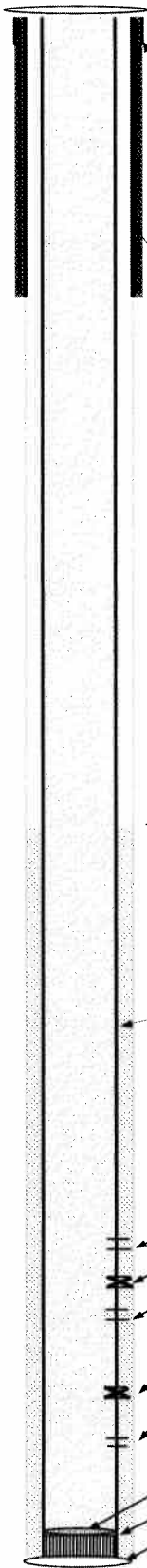
Well Bore Schematic

No scale

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Well Name	Gunderson 12-2
Diagram Date	18-Nov-10
Surface Location	921' FNL, 1947' FEL Sec 12-9S-94W
Btm Hole Loc.	
Field	Brush Creek
County	Mesa
State	Colorado
API No.	05-077-08678-00
Lease No.	
G.L. Elevation	7711'
K.B. Elevation	7727'

Conductor	80'	16" Conductor
Cement w/		Ready-mix from surface
Casing	502'	8-5/8", 24#, 8r, J-55, ST&C
Cement w/	350 sxs	Class G cmt (circulated to surface)

NOTE: Records indicate a suspected leak in 4-1/2" casing above 5900', 9/04

TOC @ 4630' as per CBL 12/1/94

Casing	0 - 8699"	4-1/2" 11.6# N-80 w/ DV tool @ 4249"
Cement w/	230 sxs Lead 1140 sxs Tail	50:50 poz w/ 2% gel, 13.0ppg, 1.63cf/sk yield 50:50 poz w/ 2% gel, 13.8ppg, 1.39cf/sk yield

Upper Mesa Verde	6053-57, 6062-64
Middle Mesa Verde	6778-80, 6812-14 (ALL SQUEEZED)
Lower Mesa Verde	7146-48, 7186-88, 7402, 7445
Cozzette Perfs:	8327, 28, 32, 33, 38, 40, 44, 64 (ALL SQUEEZED)
Corcoran Perfs:	8492, 93, 97, 8502, 06, 23, 27, 49

PBTD	8,623'
SHOE	8,699'
TD	8,700'