



02054870

Colorado

## Oil and Gas Conservation Commission



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

FOR OGCC USE ONLY

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COGCC

## 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 six 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.

OGCC Operator Number: 100185		Contact Name & Telephone	<b>24 hour notice required,</b> <b>contact:</b> DAVE ANDREWS Tel: 970-456-5262																		
Name of Operator: ENCANA OIL & GAS (USA) INC.		RUTHANN MORSS																			
Address: 370 17TH STREET, SUITE 1700		No: 720-876-5060																			
City: DENVER State: CO Zip: 80202		Fax: 720-876-6060																			
API Number: 05077.85670000 OGCC Lease No.: _____		Other wells on the lease? <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<b>Complete the Attachment Checklist</b> <table border="1"><thead><tr><th></th><th>Oper</th><th>OGCC</th></tr></thead><tbody><tr><td>Wellbore Diagram</td><td>X</td><td></td></tr><tr><td>Cement Job Summary</td><td>X</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></tbody></table>		Oper	OGCC	Wellbore Diagram	X		Cement Job Summary	X		Wireline Job Summary								
	Oper	OGCC																			
Wellbore Diagram	X																				
Cement Job Summary	X																				
Wireline Job Summary																					
Well Name: SHEAR Number: 30-4																					
Location (QtrQtr, Sec, Twp, Rng, Meridian): NWNW SEC 30 T9S-R95W 6TH P.M.																					
County: MESA Federal, Indian or State Lease Number: 36016																					
Field Name: PLATEAU Field Number: 69300																					

☐ Notice of Intent to Abandon☒ Subsequent Report of Abandonment

## Only Complete the Following Background Information for Intent to Abandon

Latitude: 39.25104 Longitude: -108.04143

GPS Data:

Date of Measurement: 7-25-06 PDOP Reading: 2.8 Instrument Operator's Name: BUCK HINSON

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

Casing to be Pulled: ☐ Yes ☒ No Top of Casing Cement: UNKNOWN

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	Perforations - Top	Perforations - Bottom	Date Abandoned	Method of Isolation (None, Squeezed, BP, Cement, etc.)	Plug Depth
CZ-CR	4950	5180	1-2-08	CIBP + 2SX CMT ON TOP	4900'

## Casing History

String	Size of Hole	Size of Casing	Weight per ft	Setting Depth	Sacks Cement	Cement Bottom	Cement Top
SURFACE	12.25	8.625	24	523	350	523	surface
PRODUCTION	7.875	4.5	11.6	5318	500	5318	UNKNOWN

## Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 725 with 2 sacks cmt on top. CIBP #2: Depth 4900 with 2 sacks cmt on top. **NOTE: Two (2) sacks cement required on all CIBPs.**

Set _____ sks cmt from _____ ft. to _____ ft. in	<input type="checkbox"/> Casing	<input type="checkbox"/> Open Hole	<input type="checkbox"/> Annulus
Set _____ sks cmt from _____ ft. to _____ ft. in	<input type="checkbox"/> Casing	<input type="checkbox"/> Open Hole	<input type="checkbox"/> Annulus
Set _____ sks cmt from _____ ft. to _____ ft. in	<input type="checkbox"/> Casing	<input type="checkbox"/> Open Hole	<input type="checkbox"/> Annulus
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Set _____ sks cmt from _____ ft. to _____ ft. in	<input type="checkbox"/> Casing	<input type="checkbox"/> Open Hole	<input type="checkbox"/> Annulus

Perforate and squeeze at 1200 ft. with 40 sacks Leave at least 100 ft. in casing Cmt retainer @1100'

Perforate and squeeze existing holes: 592-691 ft. with 234 sacks Leave at least 100 ft. in casing Circ cement to surface

Perforate and squeeze at \_\_\_\_\_ ft. with \_\_\_\_\_ sacks Leave at least 100 ft. in casing

Set 20 sacks half in, half out surface casing from 0 ft. to 50 ft.

Set 20 sacks at surface (50' to SURFACE)

Cut four feet below ground level, weld on plate

Set \_\_\_\_\_ sacks in rat hole

Dry-Hole Marker: ☐ Yes ☒ No

Set \_\_\_\_\_ sacks in mouse hole

## Additional Plugging Information for Subsequent Report Only

Casing Recovered: \_\_\_\_\_ ft. of \_\_\_\_\_ in. casing Plugging date: 11-19-09

\*Wireline Contractor: \_\_\_\_\_

\*Cementing Contractor: BJ Services

Type of Cement and Additives Used: Class G + 0.04 lbs SF

**\*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: RUTHANN MORSS

Signed: \_\_\_\_\_ Title: REGULATORY ANALYST Date: 01/18/11

OGCC Approved: David Andrews Title: PE II Date: 1/27/2011

CONDITIONS OF APPROVAL, IF ANY:

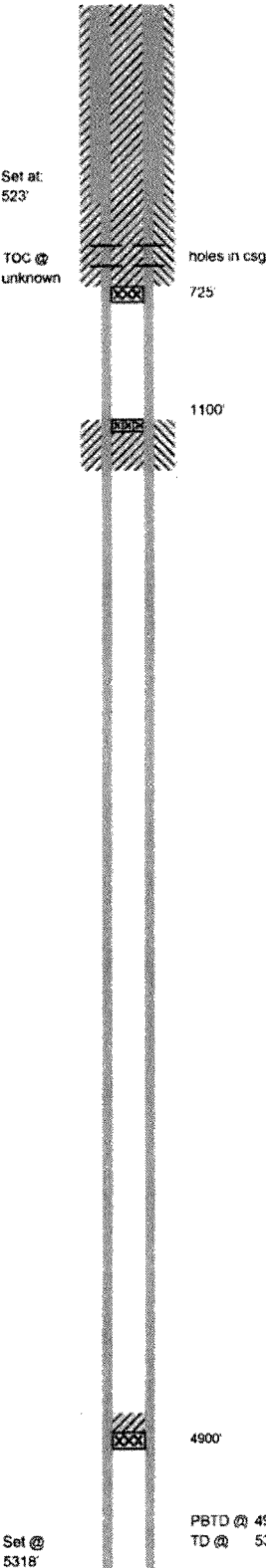
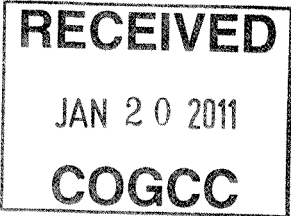
Downhole Schematic for    Shear 30-4

Project: South Piceance  
Area: Plateau  
As of: 11/19/2009

API #: 05077085670000  
County MESA  
GL: 6202'

Surface Location:  
BHL  
KB to GL 10'

KB: 6212'  
NWNW Sec 30 T9S-R95W 6th PM  
NWNW Sec 30 T9S-R95W 6th PM



Casing Details								
Section	Hole	Casing	Mass	Set At	Length	Thread	Grade	Description
Conductor								
Surface	12.250	8.625	24.000	523.00				No Details
Production	7.875	4.500	11.600	5,318.00	5,318.00			No Details

Cement Details				
Section	Sequence	Top	Sacks	Notes/Additives
Surface	Lead	0	350	unknown
Production	Lead	unknown	500	unknown

Tubing and Downhole Equipment			
O.D.	Length	Depth	Description
	10		KB 2' correction
6.203	0.41	8.41	Hanger
2.375	4759	4767.4	146 lbs 2 3/8" 4.7# EUE tbq
2.375	1.01	4768.4	X nipple
2.375	32.56	4801	1 ft tbq as above
3.063	0.4	4801.4	Notched collar
		1100.0	cement retainer

Perforations				
Stage	From	To	Shots	
1				
Date				
10/3/81	5180	5180	1	
	5117	5117	1	
	5109	5109	1	
	5069	5069	1	
	4950	4950	1	

Squeeze #1 - P&A				
Date	From	To	Shots	Sacks Cement
11/19/09	1200	1201	4	40

Frac Summary  
Stage 1: 4,950 - 5,180, 5 - 0.350" shots, 1690 bbls 70 quality foam, 160,000# 20-40 sand. Report date: 10-3-84

Bridge Plug Details			
Depth	Date Set	Plug Type	Sacks Cement
4900'	1/2/08	CIBP	2
725'	11/18/09	CIBP	2

Cement Squeeze		
Date	Squeeze	Details
11/18/09	#1	Perf casing @ 1200'. Set cement retainer @ 1100'. Sting into retainer and squeeze off perfs with 40 sx Class G neat. Set 4 1.2" CIBP @ 725'.
11/19/09	#2	Pump 234 sx Class G neat down casing and up annulus through existing holes from 592' - 691'. Top off casing and annulus with 20 sx Class G.

PBTD @ 4900'  
TD @ 5328'

## CEMENT JOB REPORT

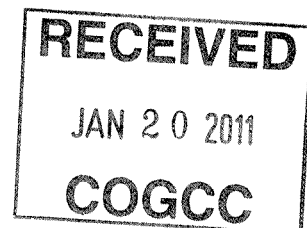


CUSTOMER EnCana Oil & Gas USA Inc		DATE 19-NOV-09	F.R. # 1001526339	SERV. SUPV. DELBERT S GALLEGOS							
LEASE & WELL NAME		LOCATION		COUNTY-PARISH-BLOCK							
SHEAR #30-4 - API 05077085670000		30-9S-95W		Mesa Colorado							
DISTRICT		DRILLING CONTRACTOR RIG #		TYPE OF JOB							
Grand Junction				Squeeze Perforation							
SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE		PHYSICAL SLURRY PROPERTIES							
NONE				SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT <sup>3</sup>	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER	
MATERIALS FURNISHED BY BJ											
Class G Cement+ .04 lbs SF				308	15.8	1.15	4.99		63	36.63	
Available Mix Water 160 Bbl. Available Displ. Fluid 400 Bbl.				TOTAL					63	36.63	
HOLE		TBG-CSG-D.P.				COLLAR DEPTHS					
SIZE	% EXCESS	DEPTH	SIZE	WGT.	TYPE	DEPTH	GRADE	SHOE	FLOAT	STAGE	
			4.5	10.5	CSG	600					
LAST CASING		PKR-CMT RET-BR PL-LINER		PERF. DEPTH		TOP CONN		WELL FLUID			
SIZE	WGT	TYPE	DEPTH	BRAND & TYPE	DEPTH	TOP	BTM	SIZE	THREAD	TYPE	WGT.
						3250	3250	2.375	1502		
DISPL. VOLUME		DISPL. FLUID		CAL. PSI	CAL. MAX PSI	OP. MAX	MAX TBG PSI		MAX CSG PSI		MIX WATER
VOLUME	UOM	TYPE	WGT.	BUMP PLUG	TO REV.	SQ. PSI	RATED	Operator	RATED	Operator	
4.6	BBLs			0	1200	0	7700	6160	5250	4280	water truck
EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING:											
PRESSURE/RATE DETAIL						EXPLANATION					
TIME HR:MIN.	PRESSURE - PSI		RATE BPM	Bbl. FLUID PUMPED	FLUID TYPE	SAFETY MEETING: BJ CREW <input checked="" type="checkbox"/> CO. REP. <input checked="" type="checkbox"/>					
	PIPE	ANNULUS				TEST LINES 3500 PSI					
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>					
04:30						leave yard for location					
06:00						arrive to location					
06:10						tailgate meeting					
06:25						rig up iron and hoses					
07:30						wait on rig to perf and circulate					
09:45						prejob safety meeting					
10:05						rig up to tubing					
10:20	3500	0	5	5	WATER	pressure test lines					
10:25						start injection rate test					
10:32	1000	0	1.4	10	WATER	final rate pressure 1000psi 1.4bpm					
10:40						start batching cement					
10:45	987	0	1.4	2	CEMENT	start pumping cement downhole					
10:52	1000	0	5	7.8	CEMENT	pressure up cut cement short and displace					
10:53	967	0	5	1	WATER	start displacement					
11:01						rig to reverse out 15bbls					
11:10						done for today					
12:30						leave location					
05:30						company rep wants us ready to pump by 0730					
05:40						arrive to location					
07:00						fire heaters and deck engines warm em up					
08:03						prime pump get ready to cement					
08:15	10	0	2.4	2	WATER	pre job safety meeting					
08:16						pump water to establish circulation					
08:19	50	0	2.4	2	CEMENT	batch up cement 15.8ppg					
08:24	50	0	2.4	10	CEMENT	start pumping cement					
08:27	280	0	2.4	20	CEMENT	rate and pressure					

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## CEMENT JOB REPORT



PRESSURE/RATE DETAIL						EXPLANATION	
TIME HR:MIN.	PRESSURE - PSI		RATE BPM	Bbl. FLUID PUMPED	FLUID TYPE	SAFETY MEETING: BJ CREW <input checked="" type="checkbox"/>	CO. REP. <input checked="" type="checkbox"/>
	PIPE	ANNULUS				TEST LINES	3500 PSI
						CIRCULATING WELL - RIG	<input checked="" type="checkbox"/> BJ
08:31	210	0	2.4	30	CEMENT	rate pressure	
08:36	330	0	2.4	40	CEMENT	rate pressure	
08:39	447	0	0	48	CEMENT	cement to surface stop pumping	
08:40						switch to pit wash lines	
						wait on cement to see if it falls back 2 hours	
10:45						we need to mx up a tub a top out the casing	
11:00	50	0	25	1	CEMENT	pumped .5bbls in casing and .5bbls in annulus	
						was up pickle and rig down lines adn hoses	
BUMPED PLUG	PSI TO BUMP PLUG	TEST FLOAT EQUIP.	BBL.CMT RETURNS/ REVERSED	TOTAL BBL. PUMPED	PSI LEFT ON CSG	SPOT TOP OUT CEMENT	SERVICE SUPERVISOR SIGNATURE:
Y <input type="checkbox"/> N <input checked="" type="checkbox"/>		Y <input type="checkbox"/> N <input checked="" type="checkbox"/>		66	0	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	<i>[Signature]</i>

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