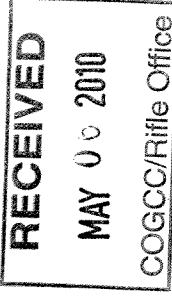


5/6



02053975



1/21/09
SQA



State of Colorado
Oil and Gas Conservation Commission

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

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 completed, this form and one copy shall again be submitted as a subsequent report of the work as actually completed.

COGCC Operator Number: 10084		Contact Name & Telephone Joy A. Ziegler	
Name of Operator: Pioneer Natural Resources USA, Inc.		No. 303.675.7663	
Address: 1401 17th Street - Suite 1200		Fax: 303.294.1275	
City: Denver		State: CO Zip: 80202	
API Number: 05-103-08982		Well Number: 6-14-1-103	
Well Name: Taiga Mtn		NESW, 14-T1N-R103W 6th PM	
Location (Qtr/4, Sec. Twp, Rng, Meridian)		Federal, Indian or State Lease Number: C-17543	
County: Rio Blanco		Field Number: 80815	
Field Name: Taiga Mountain			

24 hour notice required, contact:

Tel: _____

Complete the Attachment Checklist

Wellbore Diagram	Over	Over
Cement JO Summary		
Wellbore JO Summary		

Notice of Intent to Abandon

Only Complete the Following Background Information for Intent to Abandon

Latitude: 40.053248 39 Longitude: -108.927187

Date of Measurement: 10/24/08 POP Reading: 2.4 108

Instrument Operator's Name: John Floyd

COGCC Website: _____

Reason for Abandonment: ☐ Dry ☒ Production Sub-economic ☐ Mechanical Problems ☐ Other
Casing to be Pulled: ☒ Yes ☐ No Top of Casing Cement: 3946
Fish in Hole: ☐ Yes ☒ No If yes, explain details below
Wellbore has Uncemented Casing Leaks: ☐ Yes ☒ No If yes, explain details below
Details: Casing and cementing details taken from COGCC Website

Current and Previously Abandoned Zones

Formation	Perforations - Top	Perforations - Bottom	Date Abandoned	Method of Isolation (None, Squeeze, BP, Cement, etc.)	Plug Depth
Mancos	4945	4985	11/11/08	Squeeze	3356'
			11/11/08	35 sx H cmt	7550-7450'
			11/11/08	35 sx H cmt	5550-5440'
				CICR	5135'

Casing History

String	Size of Hole	Size of Casing	Weight per ft.	Selling Depth	Sacks Cement	Cement Bottom	Cement Top
Surf	12-1/4"	9-5/8"	36#	360'	Unknown sx "G"	360'	0
Intermediate	8-3/4"	7"	23#	3714'	300 sx LoDense, 150 sx	Unknown	Unknown
Prod	6-1/4"	4-1/2"	11.6#	5228'	125 sx Mod Self Stress	5228'	3946'

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth _____ with _____ 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.

Set 15 _____ 515' cmt from _____ ft. to _____ ft. in _____

Set 75 _____ 515' cmt from _____ ft. to _____ ft. in _____

Set _____ 515' cmt from _____ ft. to _____ ft. in _____

Set _____ 515' cmt from _____ ft. to _____ ft. in _____

Set _____ 515' cmt from _____ ft. to _____ ft. in _____

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

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

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

Set 5 _____ sacks half in, half out surface casing from _____ ft. to _____ ft. in casing

Cut four feet below ground level, weld on plate _____ sacks at surface

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

*Wireline Contractor: _____ Plugging date: _____

Type of Cement and Additives Used: _____ *Cementing Contractor: _____

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: Joy A. Ziegler

Email: joy.ziegler@psd.com

Date: 05/05/2010

Signature:

Title: Senior Engineering Tech

Date: 05/05/2010

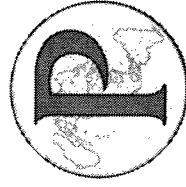
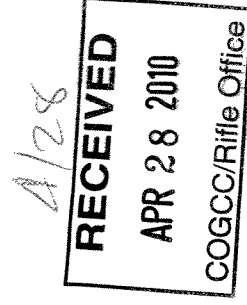
COGCC Approved

CONDITIONS OF APPROVAL, IF ANY:

Title: E.T.H.

Date: 5/6/2010

✓ Data entered 5/6/2010

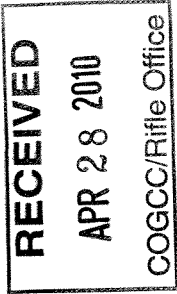


PIONEER
NATURAL RESOURCES

Drillout and Re-Plug and Abandon Procedure

Taiga Mountain Federal 6-14-1N-103W
NESW 14-1N-103W
Rio Blanca County, CO
API # 05-103-08982

Date: 4-1-2010 by Cody Duran



General Information:

Well Location: NESW Sec 14, T 01N, R103W
API Number: 05-103-08982-00
Group No:
Lease No: C-017543

Ground Level: 5371
Kelly Bushing : 5384

Total Well Depth (TD):	Measured (MD):	7820	ft KB
	True Vertical (TVD):	7820	ft KB
Current Plug Back Depth	(PBD):	5187	ft KB
Current well Status:	Shut in		

Purpose of Work

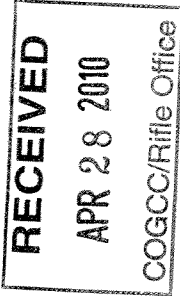
Drill out old plugs confirm TOC in 4 1/2" casing. Set cement plug over perfs. Then set cement plugs, install marker, and reclaim.

Well Detail:

Surface Casing:	Unk jts of 9 5/8", 36 lb/ft, J-55, ST&C, landed at 360 ft KB
Surface Cement:	Stage 1 - Unk sks G - 360 ft KB to Surf
Intermediate Casing:	83 jts of 7", 23 lb/ft, K-55, ST&C, landed at 3714 ft KB
Intermediate Cement:	Float Collar at 3668 ft KB Lead: 300 sks LoDense Tail: 150 sks 50/50 Poz Mix Circulated to Surface
Open Hole Logs	Gearhart: CDL, CNL, DLL, BCS, Dip, SP, GR, Cal, dated 12/26/82
Production Casing:	128 jts of 4 1/2", 11.6 lb/ft, N-80 landed at 5228 ft KB, Float Collar at 5187 ft KB
Production Casing Cementing:	Stage 1: Lead 125 sks Dowell Modified Self Stress II - 5228 to 3946 ft KB
Wellhead:	Casing Hanger:
	Tubing Hanger:
Production Tubing:	180 Jts 2 3/8", 4.7 lb/ft, J-55, TAC, 8 jts 2 3/8", seat nipple, 1 jt 2 3/8" EOT at 5037 ft KB, SN at 5010 ft KB, TAC at 4794 ft KB
Open Hole Cement Plugs:	35 sks H at 7550 ft to 7450 ft KB 35 sks H at 5500 ft to 5400 ft KB

Existing Perforations:

4,945'-4,985' 1 spf Mancos



Contact Information:

Pioneer Staff Operations	Contact Name	Phone	Cell
	Cody Duran Gary Nilson	303-675-2623 303-675-2670	303-880-0790 303-501-9638
Regulatory BLM COGCC	Contact Name	Phone	Cell
	Betty Lau Jay Krabacher	970-878-3814 970-256-9000	
Service Rig & Cement Western-Wellsite Services	Contact Name	Phone	Cell
	Adam Chastain Dave Rebol	435-781-1864 970-867-9007	

Stage 1: Drill out existing Plugs

1. Contact BLM and COGCC representative and confirm their availability 72hrs before operations begin.
2. Dig out marker. Cut casing and install new 2000psi well head.
3. MIRU completion rig with 5000psi BOP, pump, and tank. ND WH and NU BOP. Materials for 120sks of Class "G" neat cement 15.8lb/gal 1.15ft^3/sk.
4. MI float with 2 7/8" 8.9#/ft drill string and 2 3/8" tubing, PU 2 7/8" drill string and 6 1/8" blade bit. Drill out plug from surface to approx 78'. Drill out plug from 137' to 260'.
5. Load hole with 9lb/gal brine
6. Make sure drill string is centralized. Drill out plug from 3336' to top of 4 1/2" casing @3750. Watch for bit to bite on casing top
7. POOH and put on 3 3/8" blade bit and TIH. Drill out plug to approximately 3800'. Watch returns for formations to see if we have kicked off and drilling a new hole.
8. If we believe we are through the plug and in casing, circulate until clean. Tag TOC and record. Estimated at 5000'. If above 4900' Proceed to Stage 3 otherwise go to Stage 2. If we get to 3850' and are not in casing, stop and discuss next step with BLM representative.

Stage 2: (Set cement plug over persf)

1. If below 4900' set 15sk plug thru bit from 5000' to 4800'.
2. PU to 4600' and wait 4hrs to tag plug.

Stage 3: (Set 7", Surface Shoe, and Top Out plugs)

3. If tag is good PU to 50' below top of 4 1/2" casing(approximately 3800'). Pump 75sks(60%excess) to get a TOC @ 3600' in 7". POOH and remove setting tool. Wait 4hrs and tag cement. If tag is 3600' or above move on. Otherwise pump plug to get required height and retag.

Taiga Mountain Federal 6-14-1N-103W
Plug and Abandon Procedure

4. PU to 410' and set 20sk plug from 410' to 310'. ½ in and ½ out surface shoe at 360'.
PU to 200' and reverse clean. Wait 4hrs and tag plug.
5. PU to 50' and set 5sk plug at surface.
6. ND BOP and RD Service rig.

Stage 3: (Complete P & A)

1. RU roustabout crew, cut off casing below ground 5 ft ±.
2. Install marker, clean up location, including filling any pits, return location to original grading.

Current WBD after initial plugging operation:

