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



DE ET OE ES	ES
-------------	----

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.

Document Number:
401132582
Date Received:

OGCC Operato	or Number:	69175				Contact	Name: JEnif	er Hakkarinen	
Name of Opera	tor: PDC	ENERGY INC				Phone:	(303) 8605800		
Address: 1	775 SHERMA	N STREET - ST	E 3000			Fax:	:		
City: DENVER	₹	State: C	<u>O</u> Z	Zip: _80	203	Email:	Jenifer.Hakkari	nen@pdce.con	1
For "Intent"	24 hour notic	ce required,	Name: G	Gomez, J	ason		Tel: (97	(0) 573-1277	
COGCC con	tact:		Email: ja	ason.gom	nez@state.co.us	5			
API Number	05-123-1	13984-00							
Well Name:	STAT	E LEASE 81				Well I	Number: 31-16		
Location:	QtrQtr: NV	/NE Sec	tion:16		Fownship: 6N	I Ra	ange: 64W	Meridian:	6
County:	WELD			Fede	eral, Indian or S	tate Lease Nu	ımber: 6782	.8	
Field Name:	WATTEN	BERG		Fi	eld Number:	90750			
D	Notice o	of Intent to	Abando	n	Subs	equent R	eport of Aba	ndonment	
	Only (Complete the	Followir	ng Back	ground Infor	mation for I	ntent to Aband	lon	
Latitude:	40.491110			Longitu	de: -104.552	2970			
GPS Data:									
Date of M	easurement:	12/07/2008	PDOP R	eading:	1.8 GPS	Instrument Op	perator's Name:	Holly L. T	racy
Reason for Aba	andonment:	Dry	X Produ	ction Sul	o-economic	☐ Me	echanical Problem	ns	
Other									
Casing to be po	ulled: 🔀	Yes	No		Estimate	ed Depth:	980		
Fish in Hole:		Yes	No	If y	es, explain deta	ails below			
Wellbore has L	Incemented C	asing leaks:	Yes	[▼ No	If yes, explain	n details below		
Details:									
		<u>Curi</u>	rent and	l Previo	ously Aband	loned Zone	<u>es</u>		
	<u>Formation</u>	<u>!</u>	Perf. Top	Perf. Bt	m Abandone	d Date	Method of Isola	tion Plu	g Depth
CODELL			7041	7053					
FORT HAYS			7017	7036					
NIOBRARA			6742	6927					
Total: 3 zone(s)				 	1			
				Casi	ng History				
Casing Type	Size of Hole	Size of Casing	Weight F	Per Foot	Setting Depth	Sacks Ceme	ent Cement Bot	Cement Top	Status
SURF	12+1/4	8+5/8	24		304	175	304	0	VISII

· · · · · · · · · · · · · · · · · · ·		Plu	ggi	ng Pr	oced	ure fo	r Inte	ent and Sul	os	eque	nt Re	port	
CIBP 45: Depth with sacks cmt on top. NOTE: Two(2) sacks cemen required on all CIBPs. Set 360 sks cmt from 1030 ft. to 0 ft. Plug Type: STUB PLUG 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: 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: 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. with sacks. Leave at least 100 ft. in casing CICR Depth Perforate and squeeze at ft. with sacks. Leave at least 100 ft. in casing CICR Depth Gest 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: State Lease 8t 31-16 (05-123-13984)/Plugging Procedure (Intent) Producing Formation: Codell 7041'-7033' Fort Hayes 7017'-7036' Niobrara 6742'-6927' TD-7218 PBTD: 7096' Sufface Casing: 4½' 11.6# 7201' W 250 sks cmt (TOC 5975'CBL). Tubing: 2 3/8' 4.7# EUE Tubing @ 7025' (8/20/2015) Proposed Procedure: 1. MIRU RU pulling unit. Pull 2 3/8' tubing. 2. RU vireline company. Rung yas to see an abandoned per Rule in with dump bailer. Spot 2 sxs cement on top of CIBP at 6575'. S. THI with CIBP. Set bridge plug at 6957'. THI with dump bailer. Spot 2 sxs cement on top of CIBP at 6575'. S. THI with CIBP. Set bridge plug at 6957'. THI with dump bailer. Spot 2 sxs cement on top of CIBP at 6575'. S. TH	CIBP #1: Depth	6967	with	2	sac	ks cmt o	n top. (CIPB #2: Depth		6692	with	2	sacks cmt on top
Set 360 sks cmt from 1030 ft. to 0 ft. Plug Type: STUB PLUG Plug Tagged: Set sks cmt from ft. to ft. Plug Type: Plug Tagged: Plug Tagged: Set sks cmt from ft. to ft. Plug Type: Plug Tagged: Set sks cmt from ft. to ft. Plug Type: Plug Tagged: 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: 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: Set sks cmt ft. with sacks. Leave at least 100 ft. in casing CICR Depth (Cast from Cement Retainer Depth) (Cast from Cement Retainer	CIBP #3: Depth		with		sac	ks cmt o	n top. (CIPB #4: Depth			with		sacks cmt on top
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: 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: Set sks cmt from ft. to ft. Plug Tagged: Set sks cmt ft. with sacks. Leave at least 100 ft. in casing CICR Depth (Cast tron Cement Retainer Depth) (Cast tron Cement Retainer Depth) Set sacks half in. half out surface casing from ft. to 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 Plugging Date: "Cementing Contractor: "Cement and Additives Used: Set Sacks in mouse hole Additional Plugging Information for Subsequent Report Only Casing Recovered: State Lease 81 31-16 (05-123-13984)/Plugging Procedure (Intent) Producing Formation: Codel 17041-7053 Fort Hayes 7017-7036' Niobrara 6742-6927' TD: 7218' PBTD: 7096' Surface Casing: 87" 24# 69 204 w/ 175 sks cmt. Production Casing: 4%" 11.6# 69 7201' w/ 250 sks cmt (TOC 5975'CBL). Tubing: 2 3/8" 4.7# EUE Tubing 69 7025'. (8/20/2015) Proposed Procedure: 1. MIRU RU publing unit. Pull 2 3/8" tubing. 2. RU wireline company. Run gyro survey from 7050' to surface. 3. THH with CIBP. Set bridge plug at 6967'. THI with dump bailer. Spot 2 sxs cement on top of CIBP at 6575'. 5. THI with casing cutter. Cut 44' casing at 91 90'. Pull 49'' casing 41 90'. Pull 49'' casi	CIBP #5: Depth		with		sac	ks cmt o	n top.						
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 ft. with sacks. Leave at least 100 ft. in casing CICR Depth Perforate and squeeze at ft. with sacks. Leave at least 100 ft. in casing CICR Depth Perforate and squeeze at ft. with sacks. Leave at least 100 ft. in casing CICR Depth (Cast tron Cement Retainer Depth) Set sacks half in. half out surface casing from ft. to ft. Plug Tagged: CICR Depth (Cast tron Cement Retainer Depth) 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 Plugging Date: "Cementing Contractor: Type of Cement and Additives Used: "Cementing Contractor: "Cementing Contractor: Type of Cement and Additives Used: "Rowline/Pipeline has been abandoned per Rule 1103 Yes No "ATTACH JOB SUMMARY Technical Detail/Comments: State Lease 31 31-16 (05-123-13984)/Plugging Procedure (Intent) Producing Formation: Codell 7041-7053" Fort Hayes 7017-7036" Niobrara 6742-6927" TD: 7216" PBTD: 7096" Sufface Casing: 87" 24# @ 304" w/ 175 sks cmt. Producing Formation: Codell 7041-7053" Fort Hayes 7017-7036" Niobrara 6742-6927" TD: 7216" PBTD: 7096" Sufface Casing: 87" 24# @ 304" w/ 175 sks cmt. Producing Formation: Codell 7041-7053" Fort Hayes 7017-7036" Niobrara 6742-6927" TD: 7216" PBTD: 7096" Sufface Casing: 87" 24# @ 304" w/ 175 sks cmt. The first of the patient of the	Set 360	sks cmt fron	n	1030	ft. to	0	ft.	Plug Typ	e:	STUB	PLUG	F	Plug Tagged:
Set sks cmt from ft. to ft. Plug Type: Plug Tagged: Perforate and squeeze at ft. with sacks. Leave at least 100 ft. in casing CICR Depth Perforate and squeeze at ft. with sacks. Leave at least 100 ft. in casing CICR Depth Perforate and squeeze at ft. with sacks. Leave at least 100 ft. in casing CICR Depth Perforate and squeeze at ft. with sacks. Leave at least 100 ft. in casing CICR Depth Perforate and squeeze at ft. with sacks. Leave at least 100 ft. in casing CICR Depth (Cast Iron Cement Retainer Depth) Set sacks half in. half out surface casing from ft. to ft. Plug Tagged: Set sacks at surface Cut four feet below ground level, weld on plate Above Ground Dry-Hole Marker: Set sacks in mouse hole Additional Plugging Information for Subsequent Report Only Casing Recovered: ft. of inch casing Plugging Date: "Cementing Contractor: "Cementing Contractor: "Cement and Additives Used: "Flowline/Pipeline has been abandoned per Rule 1103 Yes No "ATTACH JOB SUMMARY Technical Detail/Comments: State Lease 81 31-16 (05-123-13984)/Plugging Procedure (Intent) Producing Formation: Codell 7041-7053" Fort Hayes 7017"-7036' Niobrara 6742'-6927' TD: 7218" PBTD: 7036' Surface Casing: 87" 24#@ 304' w/ 175 sks cmt. Producion Gasing: 47%" 11.6#@ 7201' w/ 250 sks cmt (TOC 5975'CBL). Tubing: 2 3/8" 4.7# EUE Tubing @ 7025'. (8/20/2015) Proposed Procedure: 1. MIRU RU pulling unit. Pull 2 3/8" tubing. 2. RU wireline company. Run gyro survey from 7050' to surface. 3. TH with CIBP. Set bridge plug at 6967'. TH with dump bailer. Spot 2 sxs cement on top of CIBP at 6575'. 4. TH with CIBP. Set bridge plug at 6969'. THH with dump bailer. Spot 2 sxs cement on top of CIBP at 6575'. 5. TH with acting out for Cut 414" casing at 3900. Pull 44%' casing. 6. TH with Unity to 1030'. Mix and pump 360 sxs of 15.8#/gal CI G cement. Cement should circulate to surface. 7. Cut surface casing 6' below ground level and weld on cap.	Set	sks cmt fron	n		ft. to		ft.	Plug Typ	e:			 F	Plug Tagged:
Set sks cmt from ft. to ft. Plug Type: Plug Tagged: Perforate and squeeze at ft. with sacks. Leave at least 100 ft. in casing CICR Depth Perforate and squeeze at ft. with sacks. Leave at least 100 ft. in casing CICR Depth Perforate and squeeze at ft. with sacks. Leave at least 100 ft. in casing CICR Depth Perforate and squeeze at ft. with sacks. Leave at least 100 ft. in casing CICR Depth CICR Depth Perforate and squeeze at ft. with sacks. Leave at least 100 ft. in casing CICR Depth CICR Depth In the sacks at surface as a sacks at surface Cut four feet below ground level, weld on plate Above Ground Dry-Hole Marker: Set Sacks at surface Pugging Information for Subsequent Report Only Casing Recovered: ft. of inch casing Plugging Date: "Cementing Contractor: Type of Cement and Additives Used: "Cement and Additives Used: "Flowline/Pipeline has been abandoned per Rule 1103 Yes No *ATTACH JOB SUMMARY Technical Detail/Comments: State Lease 81 31-16 (05-123-13984)/Plugging Procedure (Intent) Producing Formation: Codell 7041*7053' Fort Hayes 7017*7036' Niobrara 6742*6927' TD: 7218' PBTD: 7096' Surface Casing: 87' 24# @ 304 wt 175 sks cmt. Producion Casing: 41/8" 11.6# @ 7201' wt 250 sks cmt (TOC 5975'CBL). Tubing: 2 3/8" 4.7# EUE Tubing @ 7025'. (8/20/2015) Proposed Procedure: 1. MIRU RU pulling unit, Pull 2 3/8" tubing. 2 8/10 with dump bailer. Spot 2 sxs cement on top of CIBP at 6575'. 4. TIH with CIBP. Set bridge plug at 6667'. TIH with dump bailer. Spot 2 sxs cement on top of CIBP at 6575'. 5. TIH with casing of the low ground level and weld on cap. It hereby certify all statements made in this form are, to the best of my knowledge, true, correct, and complete. Signed: Print Name: Jenfier Hakkarinen	Set	sks cmt fron	n		ft. to		ft.	Plug Typ	e:			F	Plug Tagged: 🔲
Perforate and squeeze at ft. with sacks. Leave at least 100 ft. in casing CICR Depth Perforate and squeeze at ft. with sacks. Leave at least 100 ft. in casing CICR Depth Perforate and squeeze at ft. with sacks. Leave at least 100 ft. in casing CICR Depth Class I ft. with Sacks. Leave at least 100 ft. in casing CICR Depth Class I ft. with Sacks. Leave at least 100 ft. in casing CICR Depth Class I ft. with Sacks. Leave at least 100 ft. in casing CICR Depth Class I ft. with Class I ft. with Class I ft. with Sacks. Leave at least 100 ft. in casing CICR Depth Class I ft. of Inch Casing Plug Tagged: **Additional Plugging Information for Subsequent Report Only** **Casing Recovered: ft. of Inch casing Plugging Date: Classing Recovered: ft. of Inch casing Plugging Procedure (Intent) Producing Formation: Codell 7041'7053' Fort Hayes 7017'-7036' Niobrara 6742'6927' To 7.7218' PBTD: 7096' Surface Casing: 67" 24# @ 304' wi 175 sks cmt. Production Casing: 67" 24# @ 304' wi 175 sks cmt. Production Casing: 67" 24# @ 304' wi 175 sks cmt. Production Casing: 67" 24# @ 304' wi 175 sks cmt. Production Casing: 67" 24# @ 304' wi 175 sks cmt. Production Casing: 67" 24" 25" 25" 25" 25" 25" 25" 25" 25" 25" 25	Set	sks cmt fron	n		ft. to		ft.	Plug Typ	e:			F	Plug Tagged: 🔲
Perforate and squeeze at ft. with sacks. Leave at least 100 ft. in casing CICR Depth Perforate and squeeze at ft. with sacks. Leave at least 100 ft. in casing CICR Depth CICR Depth Grant and squeeze at ft. with sacks. Leave at least 100 ft. in casing CICR Depth CICR Depth Grant Sacks at surface CICR Depth Grant	Set	sks cmt fron	n		ft. to		ft.	Plug Typ	e:			F	Plug Tagged: 🔲
Perforate and squeeze atft. with	Perforate and so	queeze at		ft. v	vith		sacks.	Leave at least 1	00	ft. in cas	sing		CICR Depth
Set sacks half in. half out surface casing from ft. to ft. Plug Tagged:	Perforate and so	queeze at		ft. v	vith		sacks.	Leave at least 1	00	ft. in cas	sing		CICR Depth
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	Perforate and so	queeze at		ft. v	vith		sacks.	Leave at least 1	00	ft. in cas	sing	(Cast Iron (•
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	Set	sacks half in	n. half	out surf	ace casi	ng from		ft. to		ft.	Plug	Tagged:	
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: State Lease 81 31-16 (05-123-13984)/Plugging Procedure (Intent) Producing Formation: Codell 7041'-7053' Fort Hayes 7017'-7036' Niobrara 6742'-6927' TD: 7218' PBTD: 7096' Surface Casing: 87' 24# @ 304' w/ 175 sks cmt. Production Casing: 4½" 11.6# @ 7201' w/ 250 sks cmt (TOC 5975'CBL). Tubing: 2 3/8" 4.7# EUE Tubing @ 7025'. (8/20/2015) Proposed Procedure: 1. MIRU RU pulling unit. Pull 2 3/8" tubing. 2. RU wireline company. Run gyro survey from 7050' to surface. 3. TIH with CIBP. Set bridge plug at 6967'. TIH with dump bailer. Spot 2 sxs cement on top of CIBP at 6575'. 4. TIH with CIBP. Set bridge plug at 6967'. TIH with dump bailer. Spot 2 sxs cement on top of CIBP at 6575'. 4. TIH with CIBP. Set bridge plug at 6967'. TIH with dump bailer. Spot 2 sxs cement on top of CIBP at 6575'. 5. TIH with Using to 1030'. Mix and pump 360 sxs of 15.8#/gal CI G cement. Cement should circulate to surface. 7. Cut surface casing 6' below ground level and weld on cap. The report of the part of the part of the best of my knowledge, true, correct, and complete. Signed: Print Name: Jenfier Hakkarinen	Set					-				_			
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: State Lease 81 31-16 (05-123-13984)/Plugging Procedure (Intent) Producing Formation: Codell 7041'-7053' Fort Hayes 7017'-7036' Niobrara 6742'-6927' TD: 7218' PBTD: 7096' Surface Casing: 87' 24# @ 304' w/ 175 sks cmt. Production Casing: 4½" 11.6# @ 7201' w/ 250 sks cmt (TOC 5975'CBL). Tubing: 2 3/8" 4.7# EUE Tubing @ 7025'. (8/20/2015) Proposed Procedure: 1. MIRU RU pulling unit. Pull 2 3/8" tubing. 2. RU wireline company. Run gyro survey from 7050' to surface. 3. TIH with CIBP. Set bridge plug at 6967'. TIH with dump bailer. Spot 2 sxs cement on top of CIBP at 6575'. 4. TIH with CIBP. Set bridge plug at 6967'. TIH with dump bailer. Spot 2 sxs cement on top of CIBP at 6575'. 4. TIH with CIBP. Set bridge plug at 6967'. TIH with dump bailer. Spot 2 sxs cement on top of CIBP at 6575'. 5. TIH with Using to 1030'. Mix and pump 360 sxs of 15.8#/gal CI G cement. Cement should circulate to surface. 7. Cut surface casing 6' below ground level and weld on cap. The report of the part of the part of the best of my knowledge, true, correct, and complete. Signed: Print Name: Jenfier Hakkarinen	Cut four feet belo	ow ground le	vel, w	eld on p	late	Above	Groun	d Dry-Hole Mark	er:	Ye	es	■ No	
Casing Recovered:ft. ofinch casing Plugging Date: "Wireline Contractor:*Cementing Contractor: Type of Cement and Additives Used: Flowline/Pipeline has been abandoned per Rule 1103Yes	Set	sacks in rat	hole				Set	sack	s ir	n mouse	hole		
Fechnical Detail/Comments: State Lease 81 31-16 (05-123-13984)/Plugging Procedure (Intent) Producing Formation: Codell 7041'-7053' Fort Hayes 7017'-7036' Niobrara 6742'-6927' TD: 7218' PBTD: 7096' Surface Casing: 8?" 24# @ 304' w/ 175 sks cmt. Production Casing: 4½" 11.6# @ 7201' w/ 250 sks cmt (TOC 5975'CBL). Tubing: 2 3/8" 4.7# EUE Tubing @ 7025'. (8/20/2015) Proposed Procedure: 1. MIRU RU pulling unit. Pull 2 3/8" tubing. 2. RU wireline company. Run gyro survey from 7050' to surface. 3. TIH with CIBP. Set bridge plug at 6967'. TIH with dump bailer. Spot 2 sxs cement on top of CIBP at 6575'. 4. TIH with CiBP. Set bridge plug at 6692'. TIH with dump bailer. Spot 2 sxs cement on top of CIBP at 6575'. 5. TIH with casing cutter. Cut 4½" casing at 980'. Pull 4½" casing. 6. TIH with tubing to 1030'. Mix and pump 360 sxs of 15.8#/gal CI G cement. Cement should circulate to surface. 7. Cut surface casing 6' below ground level and weld on cap. hereby certify all statements made in this form are, to the best of my knowledge, true, correct, and complete. Signed: Print Name: Jenfier Hakkarinen	Type of Cement a	nd Additives			2ule 110	3 🗔	Vas		Con	tractor:		*ΔΤΤΔ	H IOR SUMMARY
State Lease 81 31-16 (05-123-13984)/Plugging Procedure (Intent) Producing Formation: Codell 7041'-7053' Fort Hayes 7017'-7036' Niobrara 6742'-6927' TD: 7218' PBTD: 7096' Surface Casing: 8?" 24# @ 304' w/ 175 sks cmt. Production Casing: 4½" 11.6# @ 7201' w/ 250 sks cmt (TOC 5975'CBL). Tubing: 2 3/8" 4.7# EUE Tubing @ 7025'. (8/20/2015) Proposed Procedure: 1. MIRU RU pulling unit. Pull 2 3/8" tubing. 2. RU wireline company. Run gyro survey from 7050' to surface. 3. TIH with CIBP. Set bridge plug at 6967'. TIH with dump bailer. Spot 2 sxs cement on top of CIBP at 6575'. 4. TIH with CIBP. Set bridge plug at 6692'. TIH with dump bailer. Spot 2 sxs cement on top of CIBP at 6575'. 5. TIH with casing cutter. Cut 4½" casing at 980'. Pull 4½" casing. 6. TIH with tubing to 1030'. Mix and pump 360 sxs of 15.8#/gal CI G cement. Cement should circulate to surface. 7. Cut surface casing 6' below ground level and weld on cap. hereby certify all statements made in this form are, to the best of my knowledge, true, correct, and complete. Signed: Print Name: Jenfier Hakkarinen	•		indon	ea per r	tule 110	3	res	INO				ATTAC	H JOB SUMMARY
Signed: Print Name: Jenfier Hakkarinen	Producing Format TD: 7218' PBTE Surface Casing: Production Casing Tubing: 2 3/8" 4 Proposed Proced 1. MIRU RU pullir 2. RU wireline cor 3. TIH with CIBP 4. TIH with CIBP 5. TIH with tubing 6. TIH with tubing	tion: Codell D: 7096' 8?" 24# @ g: 4½" 11. I.7# EUE Tub ure: ng unit. Pull 2 mpany. Run g . Set bridge p g cutter. Cut 4 to 1030'. Mix	7041' 304' 6# @ ing @ 3/8" gyro solug alug at 1½" cak and	-7053' w/ 175 7201' 2 7025'. tubing. urvey fru 6692'. 1 asing at pump 30	sks cmt. w/ 250 s (8/20/20 om 7050 TIH with TIH with 980'. Pu 60 sxs co	yes 7017 sks cmt (015) o' to surfa dump ba dump ba ll 4½" ca: of 15.8#/g	"-7036" "TOC 5 "Ice. ailer. Sp sing. gal Cl G	5975'CBL). pot 2 sxs cement ot 2 sxs cement	: on on	top of C	IBP at	6575'.).
<u> </u>		statements n	nade	in this fo	orm are,	to the be	st of m	- -				nplete.	
I ITIE: Keg I ech Date: Email: Jenifer.Hakkarinen@pdce.com		L			5 .		_	_				@ L	
	rille: Keg Fec	11			_ Date	-		Email:	J6	eniier.Ha	akkarine	пшрасе.со	ווו
	COGCC Approve	vq.									Ds	ıte.	

CONDITIONS (OF APPROVAL, I	F ANY:	Expiration	on Date:
COA Type		Description		
		<u>Attachment</u>	t Check List	
Att Doc Num	<u>Name</u>			
401132603		RE DIAGRAM		
401132605		RE DIAGRAM		
Гotal Attach: 2 F	-iies	General (<u>Comments</u>	
User Group	Comment	<u>ocherar e</u>	Jonnicius	Comment Date
Total: 0 comm	ent(s)			

Date Run: 10/18/2016 Doc [#401132582] Well Name: STATE LEASE 81 31-16