

State of Colorado
Oil and Gas Conservation Commission

02053977

1201 Lincoln Street, Suite 801, Denver Colorado 80203 (303) 894-2100 Fax (303) 894-2111

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.

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MAY 25 2010

COGCC/Rifle Office

COGCC Operator Number: 19310	Contact Name & Telephone: David Cook	24 hour notice required, contact: Chuck Browning (NW Field Insp): (870) 242-3348
Name of Operator: Fram Operating, LLC	No: (719) 209-4227	
Address: 30 E. Pikes Peak Ave. Ste 287	Fax: (719) 314-1362	
City: Colorado Springs State: CO Zip: 80903		
API Number: 05-077-09332		
Well Name: Federal Well Number: 12-1A-E		
Location (Qtr/Sec, Twp, Rng, Meridian): SW/4NW, Sec 12, T12S R99W 6 PM		
County: Mesa Federal, Indian or State Lease Number: COC61718		
Field Name: Wildcat Field Number: 99999		

Complete the Attachment Checklist

	Operator	COGCC
Wellbore Diagram	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Cement Job Summary	<input type="checkbox"/>	<input type="checkbox"/>
Wireline Job Summary	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>

☒ Notice of Intent to Abandon☐ Subsequent Report of Abandonment

Only Complete the Following Background Information for Intent to Abandon

Latitude: 39.02424 Longitude: -108.30371

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: N/A

Fish in Hole: ☒ Yes ☐ No If yes, explain details below

Wellbore has Uncemented Casing Leaks: ☐ Yes ☒ No If yes, explain details below

Details: Well was sidetracked at 1122' after unsuccessful fishing operations for a twisted off bit at 1510'. Subsequent lost circulation and hole problems encountered while drilling necessitated abandoning further drilling operations at a depth of 3284'.

Current and Previously Abandoned Zones

Formation	Perforations - Top	Perforations - Bottom	Date Abandoned	Method of Isolation (None, Squeezed, BP, Cement, etc.)	Plug Depth
MANCOS					

Casing History

String	Size of Hole	Size of Casing	Weight per ft	Setting Depth	Sacks Cement	Cement Bottom	Cement Top
O.H. 7 7/8	12-1/4"	8-5/8"	24	441	130	441	surface

Plugging Procedure for Intent and Subsequent Report

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

Set 75 sks cement from 2200 ft. to 2300 ft. in ☐ Casing ☒ Open Hole ☐ Annulus

Set 175 sks cement from 550 ft. to surface ft. in ☒ Casing ☒ Open Hole ☐ Annulus

Set _____ sks cement from _____ ft. to _____ ft. in ☐ Casing ☐ Open Hole ☐ Annulus

Set _____ sks cement from _____ ft. to _____ ft. in ☐ Casing ☐ Open Hole ☐ Annulus

Set _____ sks cement from _____ ft. to _____ ft. in ☐ Casing ☐ Open Hole ☐ Annulus

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

Set _____ sacks at 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: _____

*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: David Cook Email: david.cook@colorado.gov

Signed: *David Cook* Title: Manager Date: 5/25/10

COGCC Approved: *[Signature]* Title: EIT II Date: 5/26/2010

CONDITIONS OF APPROVAL, IF ANY:

GPS Coord required for Subsequent FORM 6

Fax → CIP 5/26/2010

FRAM
America's
oil

FRAM OPERATING LLC

Federal 12-1A-E
SWNW Sec 12, T12S, R98W
Mesa County, Colorado

ELEVATION

R.B. 5373'
G.L. 5367'
KB 6'
BHT 95°
Spud date: 06/26/07
API No. 05-077-09332

Lat: 39.02424
Long: 108.30371

Current (Not to scale)

Prepared By: Harold Mayland
Date: 5/24/2010

Geological tops:

Mancos surfaces
Dakota A not reached
Dakota B
Dakota C
Dakota D

12 1/4" Hole
SURFACE CSG: 8 5/8" 32# @ 441'

7 7/8" Hole
Production Casing None

I.D.
Drift
Burst
Lin fu/bbl
BBL/linft

Tubing	Qty	Length	Depth in hole
KB estimated		6.00	6.00
Tbg Hanger			6.00
2 3/8" EU 8RD J55 4.6# tbg			6.00
XN nipple 1.87			6.00
Wire line entry guide			6.00
EOT			6.00

NOTE:

Well was drilled to 150', lost hole, Moved and started over, set surface @ 441'. At 1510' twisted off, fished, could not get fish, set cement plug, went around fish. Drilled to 3284', had problems with directional tools, lost circulation, got back to 3151', lost circulation. Moved out because of winter stipulation 11-21-2007.

Drilled hole with 7 7/8" bit.

Lost 1150 bbls. They are missing 7 days of drilling reports during all the problems.



FRAM OPERATING LLC

Federal 12-1A-E
SWNW Sec 12, T12S, R98W
Mesa County, Colorado

ELEVATION

R.B. 5373'
G.L. 5367'
KB 6'
BHT 95°
Spud date: 05/26/07
API No. 05-077-09332

Lat: 39.02424
Long: 108.30371

Cement plug 550' - surf w/ 175 sk

Proposed (Not to scale)

Prepared By: Harold Mayland
Date: 5/24/2010

Geological logs:

Mancoos surface
Dakota A not reached
Dakota B
Dakota C
Dakota D

12 1/4" Hole
SURFACE CSG: 8 5/8" 32# @ 441'

7 7/8" Hole
Production Casing None

I.D.
Drift
Burst
Lin ft/bbl
BBL/linft

Cement plug 2000' - 2200' w/ 75 sk

Tubing	Qty	Length	Depth in hole
KB	estimated	6.00	6.00
Tbg Hanger			6.00
2 3/8" EU 8RD J55 4.6# lb/g			6.00
XN nipple 1.87			6.00
Wire line entry guide			6.00
EOI			6.00

NOTE:

Well was drilled to 150', lost hole, Moved and started over, set surface @ 441'. At 1510' twisted off, fished, could not get fish, set cement plug, went around fish. Drilled to 3284', had problems with directional tools, lost circulation, got back to 3151'. lost circulation. Moved out because of winter stipulation 11-21-2007.

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FRAM OPERATING LLC
Federal 12-1A-E
SWNW Sec 12, T12S, R98W
#05-077-09332
Mesa County, Colorado

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COGCC/Rifle Office

GL: 5367'; RKB: 5373'; TD': 3284' PBTD: 3151'

Surface casing:

8 5/8" 32# @ 441'

Production casing:

None (7-7/8" hole to TD)

Production tubing:

None

Producing formation:

Dakota objective at +/- 3573' not reached.

Proposed work:

Plug and abandon well.

All work will be done in accordance with the COA's.

Well Information:

Well was drilled to 150' lost hole. Moved and started over, set surface csg and cement with full returns. While drilling at 1510', twisted off, fished, could not get fish, set cement plug in original hole, and sidetracked around fish, kicked off at 1122'. Drilled to 3284', had problems with directional tools, lost circulation, got back to 3151' lost circulation. Moved out because of winter strips on 11-21-2007.

NOTE:

Lost 1150 bbls while drilling.

Missing 7 of days of reports during all of the problems.

Prior to starting work, move 2300' 2-3/8" workstring to location. Notify COGCC 24 hours prior to starting (Chuck Browning, NW Field Inspector @ (970) 242-3348).

1. MIRU pulling unit.
2. ND wellhead. RIH with 2-3/8" tubing to 2200'. Establish circulation with water.
3. Set balanced cement plug from 2200' - 2000' with 75 sx cement. Let set for 4 hours, tag cement top with tubing.
4. POH with tubing to 550'. Set cement plug from 550' to surface with 175 sx. WOC.
5. Cut off 8-5/8" casing 4' below ground level. Top off cement as necessary, and weld dry hole marker plate to casing.

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6. RDMO pulling unit.
7. Restore location according to BLM requirements.
8. File Forms 5 and 5A to COGCC, and Form 3160-5 to BLM on completed procedure.

Prepared by:
Harold Mayland
303-550-1098

05-25-2010