

submitted in lieu of Form 3160-5

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Sundry Notices and Reports on Wells

2006 MAY 8 6M 9 03

RECEIVED
OTD FARMINGTON NM
5. Lease Number
NMSF-078277
6. If Indian, All. or
Tribe Name

1. Type of Well
GAS

2. Name of Operator
ConocoPhillips

3. Address & Phone No. of Operator
PO Box 4289, Farmington, NM 87499 (505) 326-9700

4. Location of Well, Footage, Sec., T, R, M

Unit L (NWSW), 2460' FSL & 1050' FWL, Section 18, T29N, R5W, NMPM

7. Unit Agreement Name

8. San Juan 29-5 Unit
Well Name & Number

9. SJ 29-5 Unit #55F
API Well No.

30-039-29335

10. Field and Pool

Basin DK / Blanco MV

11. County and State
Rio Arriba Co., NM

12. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA

Type of Submission

☒ Notice of Intent

☒ Subsequent Report

☐ Final Abandonment

Type of Action

☐ Abandonment

☐ Recompletion

☐ Plugging

☐ Casing Repair

☐ Altering Casing

☐ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☐ Water Shut off

☐ Conversion to Injection

☒ Other - 4-1/2" Squeeze detail & request
to squeeze behind 4-1/2" to isolate MV

13. Describe Proposed or Completed Operations

The initial cement job on the 4-1/2" casing didn't cover the intervals completing, both Dakota & MV & didn't tie into the 7" shoe.

See the attached for the remedial work performed thus far. Also attached is the wellbore schematic and plans for getting cement coverage.

5/4/06 Verbal approval was given by Jim Lovato with the BLM to perform the MV squeeze

14. I hereby certify that the foregoing is true and correct.

Signed Patsy Clugston Title Sr. Regulatory Specialist Date 5/4/06

(This space for Federal or State Office use)

APPROVED BY Jim Lovato Title Petr. Eng Date 5/16/06

CONDITION OF APPROVAL, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

NMOC

San Juan 29-5 Unit #55F
Unit L, (NWSW), 2460' FSL & 1050' FWL
Sec. 18, T29N, R5W, Rio Arriba Co., NM
API-30-039-29335; Lease # - SF-078277

Page 2 of Sundry for Squeeze details and NOI to conduct 3rd squeeze.

NOI for squeeze (3rd squeeze)

Since cement for the 4-1/2" casing is still not isolating the MV interval and wasn't tied back into the 7" shoe ConocoPhillips is requesting permission to do the following:

1. Perf 4-1/2" casing @ 5870' – 3 holes
2. Set retainer @ 5827'. Pump 20 gal gel preflush ahead of Lead - 170 sx (431 cf – 76.6 bbl slurry) LiteCrete w/9.5#/gal 50% D12 fluid loss, 35% D65-disperant, 10 % D800, Retarder, 3% D47 antifoamer, 110 net/bbl & tail w/50 sx (65 cf - 11.5 bbl slurry) 50/50 POZ w/5% D-24 Gilsonite extender, 2% D-20 bentonite, 2% S001CaCl, 10% D46-antifoamer, 15% D65-dispersent. Calculated enough coverage to have between 200' & 300' into 7" shoe.
3. PT squeeze to 500#/30 min.
3. Drill out the CBP @ 6050'
4. Flow back the DK interval cleaning out from frac
5. Run CBL from 7810'(TOC from first squeeze)
6. Call OCD & BLM with TOC and received instruction to either squeeze below 6050' or continue with MV completion.
7. Once verbal given, continue with MV completion
8. Flowback to C/O
9. D/O CIBP between zones
10. Flow back to cleanout
11. Run tubing with wellbore commingled

5/4/06 Verbal approval given by Jim Lovato w/BLM to perform squeeze

5/4/06 Verbal approval will be given by Charlie Perrin only after giving the OCD a wellbore schematic showing all pertinent information and estimated cement coverage and details of the breakout for each previously and proposed squeezes including additives. OCD is agency that required the CBL run after third squeeze to insure adequate coverage of producing zones between MV & DK.

Pertinent Data Sheet

San Juan 29-5 Unit # 55F

LOCATION: 2460 FSL , 1050 FWL
Unit L, Section 18, T29N, R05W
Rio Arriba County, NM

ELEVATION: GL 6598
KB 6611

API: 30-039-29335

FIELD: Blanco Mesaverde/Basin Dakota

PBTD: 7,941'
TD: 8,001'
SPUD DATE: 3/8/06
COMPLETION DATE: Pending

LATITUDE: 36 Deg. 43' 30.576" Min.
LONGITUDE: 107 Deg. 24' 12.96" Min.

CASING RECORD:

HOLE SIZE	CASING SIZE	WEIGHT (#s) & GRADE	DEPTH SET	DVT	CMT TOP
12-1/4"	9-5/8"	32.3, H-40	229'	N/A	Surface
8-3/4"	7"	20, J-55	3,808'	N/A	Surface
6-1/4"	4-1/2"	11.6, N-80	7,958'	N/A	Squeeze 7,810'

FORMATION TOPS:

FORMATION	DEPTH	FORMATION	DEPTH	FORMATION	DEPTH
Nacimiento	1311' est.	Chacra	4526'	Gallup	6996'
Ojo Alamo	2710'	Cliff House	5326'	Greenhorn	7691'
Kirtland	2861'	Menefee	5436'	Cubero	7871'
Fruitland	3230'	Point Lookout	5711'		
Pictured Cliffs	3511'	Mancos	6011'		
Lewis	3710'				

LOGGING RECORD:

Cased Hole: GR/CCL/CBL; TDT 3/31/2006 Open Hole: N/A

STIMULATION (proposed):

Stage:	Formation:	Perforations	Sand Vol:	Rate:	Type:
1	Dakota	7872'-88' 4spf	75,000#		Foamed ClearFrac

Workover History:

Mar-06 Squeeze: shot 3 holes @ 7830'. Set retainer @ 7742'. Sqz with 50 sxs class G cement. Drill out retainer and cement to 7830' and test sqz holes good to 1300# for 15 mins. C/O to plugback. Log with CBL from 7944'-7501'. TOC @ 7810'.

Apr-06 Test casing to 6600# good. Perforate DK from 7872'-7888' at 4spf. Frac Dakota with 75,000# 20/40 Carbolite and foamed ClearFrac. Flowback frac. Set cast iron bridge plug @ 6050'. Shot 3 holes @ 5975'. Set retainer @ 5907'.

May-06 Sqz with 95 sxs LiteCrete cement. Ran CBL from 5887'-5100'. No cement. TIH with bit to drill out retainer but tubing plugged. TOOH 2 jts. Will TOOH and unplug bit. TIH with bit and drilling out retainer @ 5907' and cement. Tag CBP @ 6050'. Test squeeze hole to 500# for 30 minutes good. Run CBL from 6050'-5790' with 90-100% cmt bond from 6050' to 5890'.

CEMENTING RECORD:

9-5/8" 150sxs Class G cement (1.16cuft/sk, 15.8ppg) with the following additives: 3% S001 calcium chloride, 0.25lb/sk D130 polyester flakes

7" Lead-425sxs Class G cement (2.63cuft/sk, 11.7ppg) with the following additives: 3% D079 extender, 0.2% D046 antifoam, 1.0lb/bbl CemNet (1st 30bbls and last 75bbls)

Tail-235sxs 50/50 POZ:Class G cement (1.28cuft/sk, 13.5ppg) with the following additives: 2% bentonite, 5lb.sk D024 gilsonite extender, 2% S001 calcium chloride, 0.15% D065 dispersant, 0.2% D046 antifoam, 1lb/bbl CemNet

4-1/2" Lead-205sxs LiteCRETE cement (2.53cuft/sk, 9.5ppg) with the following additives: 0.5%D112 fluid loss, 0.15% D065 dispersant, 0.1% D800 retarder, 0.2% D046 antifoam, 1lb/bbl CemNet

Tail-205sxs 50/50 POZ:Class G cement (1.45cuft/sk, 13.0ppg) with the following additives: 0.25lb/sk D029 cellophane flakes, 3% D020 bentonite, 1lb/sk D024 gilsonite extender, 0.25% D167 fluid loss, 0.15% D065 dispersant, 0.1% D800 retarder, 0.1% D046 antifoam, 3.5lb/sk phenoseal

Sqz 7830' 50sxs Class G cement (1.18cuft/sk, 15.8ppg) with 1lb/bbl CemNet, TIC and retarder

Sqz 5975' 95sxs LiteCRETE cement (2.53cuft/sk, 9.5ppg) with the following additives: 50% D112 fluid loss, 35% D65 dispersant, 10% D800 retarder, 3% D47 antifoam (circulated out 21bbls due to tubing plugged up)

**If remainder of squeeze at 5975' went south, bottom of cement would be 6823' at 75% efficiency.*

San Juan 29-5 Unit # 55F

2460 FSL , 1050 FWL

Unit L, Section 18, T29N, R05W

Rio Arriba County, NM

LAT: 36 Deg. 43' 30.576" Min.

LONG: 107 Deg. 24' 12.96" Min.

GL = 6,598'

KB = 6,611'

Current Wellbore

Surface Casing:

9-5/8" 32.3, H-40

Set @ 229'

TOC @ Surface

Intermediate Casing:

7" 20, J-55

Set @ 3808'

TOC @ Surface

**If remainder of squeeze at 5975' went south, bottom of cement would be 6823' at 75% efficiency.*

Production Casing:

4-1/2" 11.6, N-80

Set At: 7,958'

TOC At: 7,810' Squeeze

10%-20% bond 7920'-7400'

<20% bond 7400'-5186'

Nacimiento 1311' est.

Ojo Alamo 2,710'

Kirtland 2,861'

Fruitland 3,230'

Pictured Cliffs 3,511'

Lewis 3,710'

Chacra 4,526'

Cliff House 5,326'

Menefee 5,436'

Point Lookout 5,711'

Mancos 6,011'

Gallup 6,996'

Greenhorn 7,691'

Cubero 7,871'

3 squeeze perfs @ 5975'

95 sxs LiteCrete (circ 21bbls out)

CBL from 5887'-5100' no cement

CBL from 6050'-5790', good bond 6050'-5890'

Composite bridge plug @ 6050'

TOC for 4-1/2" @ 7810' Squeeze

Dakota

7872'-88' 4spf

75000# 20/40 Carbolite, Foamed ClearFrac

PBTD = 7,941'

TD = 8,001'