Submitted in lieu of Form 3160-5

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
SEP 04 2009
Bureau of Land Management
Farmington Field Office

Sundry Notices and Reports on Wells

1. Type of Well
**GAS**

Lease Number
**Jicarilla Contract 100**

6. If Indian, All. or Tribe Name
Jicarilla Apache

7. Unit Agreement Name

2. **Name of Operator**
***ConocoPhillips Company***

8. Well Name & Number
**Jicarilla D #21**

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

9. API Well No.
**30-039-30116**

4. Location of Well, Footage, Sec., T, R, M
**Unit N (SESW), 1170' FSL & 1590' FWL, Sec. 30, T26N, R3W, NMPM**

10. Field and Pool
**Blanco Mesaverde**

11. County and State
**Rio Arriba Co., NM**

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

| Type of Submission | Type of Action | | |
|---|---|---|---|
| X Notice of Intent | Abandonment | X Change of Plans | X Other – cement slurry & DV tool |
| | Recompletion | New Construction | |
| Subsequent Report | Plugging | Non-Routine Fracturing | |
| | Casing Repair | Water Shut off | |
| Final Abandonment | Altering Casing | Conversion to Injection | |

RCVD SEP 10 '09
OIL CONS. DIV.
DIST. 3

**13. Describe Proposed or Completed Operations**

ConocoPhillips wishes change our drilling prognosis for the subject well. Plans are to two stage the production casing now. Will be setting a stage tool @ 5400', cementing the 1st stage w/185 sx (339 cf) 1.87 cf/sx yield 11.4 ppg. 2nd stage will be 925 sx (1957 cf) 2.12 cf/sx yield 11.7 ppg (60% excess).

Slurry design & stage tool change was submitted to the BLM & OCD via email and was approved by the BLM (Jim Lovato) and OCD (Kelly Roberts ) on 9/3/09. ✓

CONDITIONS OF APPROVAL
Adhere to previously issued stipulations.

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

Signed Patsy Clugston Patsy Clugston Title Sr, Regulatory Specialist Date 9/3/09

(This space for Federal or State Office use)
APPROVED BY Troy L Salyers Title Petroleum Engineer Date 9/9/09
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

NMOCD

Schlumberger

# Laboratory Cement Test Report

9390

| | | | | | |
|---|---|---|---|---|---|
| **Fluid No :** | | Client | : **ConocoPhillips** | Location / Rig | : **Pilot** |
| Date | : Feb-09-2009 | Well Name | : **Pilot** | Field | : Basin |

Signatures: Dave

| | | | | | |
|---|---|---|---|---|---|
| Job Type | **LongString** | Depth | **7500.0 ft** | TVD | **7500.0 ft** |
| BHST | **195 degF** | BHCT | **135 degF** | BHP | **4550 psi** |
| Starting Temp. | 80 degF | Time to Temp. | 00:39 hr:mn | Heating Rate | 1.42 degF/min |
| Starting Pressure | 525 psi | Time to Pressure | 00:39 hr:mn | Schedule | 9.6-5 |

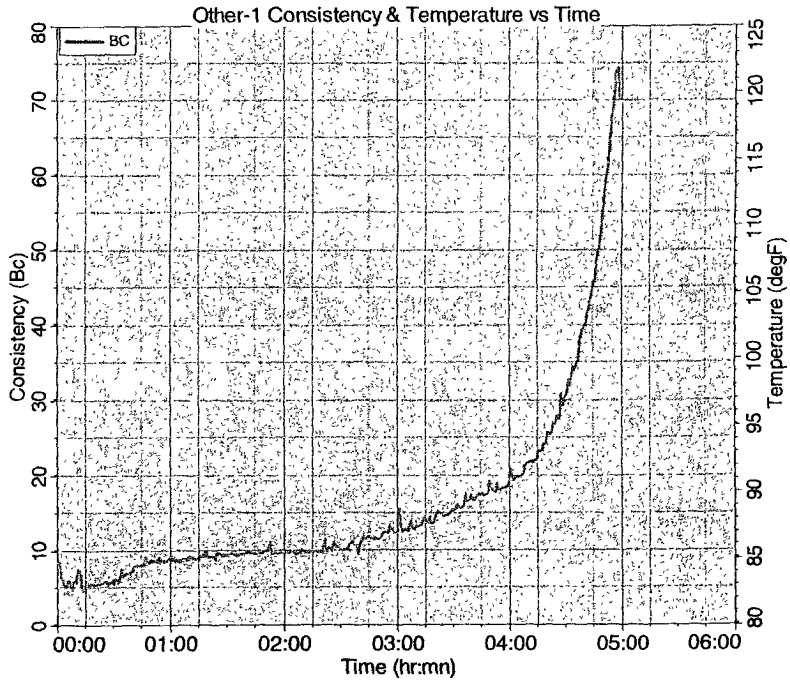
## Composition

| | | | | | |
|---|---|---|---|---|---|
| **Slurry Density** | **11.40 lb/gal** | **Yield** | **1.87 ft3/sk** | **Mix Fluid** | **7.013 gal/sk** |
| Solid Vol. Fraction | **50.0 %** | Porosity | 50.0 % | Slurry type | **LiteCRETE** |

| Code | Concentration | Sack Reference | Component | Blend Density | Lot Number |
|---|---|---|---|---|---|
| 11-4lbgal_20 | | **100 lb of BLEND** | Blend | **1.74 SG** | |
| Fresh water | **7.013 gal/sk** | | Base Fluid | | |
| D065 | **0.950 %BWOB** | | Dispersant | | |
| D046 | **0.100 %BWOB** | | Antifoam | | |
| D167 | **0.200 %BWOB** | | Fluid loss | | |
| D198 | **0.280 %BWOB** | | Retarder | | |

## Rheology (Average readings)

| (rpm) | (deg) | (deg) |
|---|---|---|
| 300 | **51.0** | **81.0** |
| 200 | **38.0** | **63.0** |
| 100 | **22.5** | **43.5** |
| 60 | **16.0** | **36.5** |
| 30 | **11.0** | **31.5** |
| 6 | **5.8** | **29.6** |
| 3 | **5.3** | **28.6** |
| 10 sec Gel | **10.20** | **25.40** |
| 10 min Gel | **22.30** | **68.40** |
| **Temperature** | **80 degF** | **135 degF** |
| | Pv : 44.621 cP<br>Ty : 7.20 lbf/100ft2 | Pv : 53.485 cP<br>Ty : 27.00 lbf/100ft 2 |




## Thickening Time

| Consistency | Time |
|---|---|
| POD : | **02:35 hr:mn** |
| 30 Bc | **04:27 hr:mn** |
| 70 Bc | **04:55 hr:mn** |
| 74 Bc | **04:57 hr:mn** |
| Remark : Thickening time do not include batch time | |

## Free Fluid

| | |
|---|---|
| **0.0** mL/250mL | in 2 hrs |
| At **135 degF** and **0 deg** incl. | |
| Sedimentation | **None** |

## Comments

General Comment : **Pilot**

Schlumberger

# Laboratory Cement Test Report-Other-1

## Pilot

| | | | | | |
|---|---|---|---|---|---|
| **Fluid No :** | | Client | : **ConocoPhillips** | Location / Rig | : **Pilot** |
| Date | . Feb-09-2009 | Well Name | : **Pilot** | Field | : Basin |

Signatures: Dave

| | | | | | |
|---|---|---|---|---|---|
| Job Type | **LongString** | Depth | **7500.0 ft** | TVD | **7500.0 ft** |
| BHST | **195 degF** | BHCT | **135 degF** | BHP | **4550 psi** |
| Starting Temp. | 80 degF | Time to Temp. | 00:39 hr:mn | Heating Rate | 1.42 degF/min |
| Starting Pressure | 525 psi | Time to Pressure | 00:39 hr:mn | Schedule | 9.6-5 |

## Composition

| | | | | | |
|---|---|---|---|---|---|
| **Slurry Density** | **11.40 lb/gal** | **Yield** | **1.87 ft3/sk** | **Mix Fluid** | **7.013 gal/sk** |
| Solid Vol. Fraction | **50.0 %** | Porosity | 50.0 % | Slurry type | **LiteCRETE** |

| Code | Concentration | Sack Reference | Component | Blend Density | Lot Number |
|---|---|---|---|---|---|
| 11-4lbgal_20 | | **100 lb of BLEND** | Blend | **1.74 SG** | |
| Fresh water | **7.013 gal/sk** | | Base Fluid | | |
| D065 | **0.950 %BWOB** | | Dispersant | | |
| D046 | **0.100 %BWOB** | | Antifoam | | |
| D167 | **0.200 %BWOB** | | Fluid loss | | |
| D198 | **0.280 %BWOB** | | Retarder | | |

## Rheology (Average readings)

| (rpm) | (deg) | (deg) |
|---|---|---|
| 300 | **51.0** | **81.0** |
| 200 | **38.0** | **63.0** |
| 100 | **22.5** | **43.5** |
| 60 | **16.0** | **36.5** |
| 30 | **11.0** | **31.5** |
| 6 | **5.8** | **29.6** |
| 3 | **5.3** | **28.6** |
| 10 sec Gel | **10.20** | **25.40** |
| 10 min Gel | **22.30** | **68.40** |
| **Temperature** | **80 degF** | **135 degF** |
| | Pv : 44.621 cP<br>Ty : 7.20 lbf/100ft2 | Pv : 53.485 cP<br>Ty : 27.00 lbf/100ft2 |

## Thickening Time

| Consistency | Time |
|---|---|
| POD : | **02:35 hr:mn** |
| 30 Bc | **04:27 hr:mn** |
| 70 Bc | **04:54 hr:mn** |
| 100 Bc | **05:04 hr:mn** |

Remark : Thickening time do not include batch time

## Free Fluid

| | |
|---|---|
| **0.0** mL/250mL | in 2 hrs |
| At **135 degF** and **0 deg** incl. | |
| Sedimentation | **None** |

## UCA Compressive Strength

| Time | CS |
|---|---|
| 14:10 hr:mn | **500 psi** |
| 20:20 hr:mn | **1000 psi** |
| 24:00 hr:mn | **1218 psi** |
| 42:00 hr:mn | **2529 psi** |

## Fluid Loss

| | | | |
|---|---|---|---|
| API Fluid Loss | | 54 | mL |
| 27 mL in | 30.00 min | at 135 degF | and 1000 psi |

## Comments

General Comment : **Pilot**
Other test Comment : **Test perfromed @ 100° F ; ; ; ;**