

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: November 30, 2000

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMNM012698

1a. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other			6. If Indian, Allottee or Tribe Name		
b. Type of Completion <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr. Other _____			7. Unit or CA Agreement Name and No.		
2. Name of Operator CONOCOPHILLIPS COMPANY			8. Lease Name and Well No. SARSIDOM 29-6 17C		
3. Address P O BOX 2197 WL 6106 HOUSTON, TX 77252			9. API Well No. 30-039-27599-00-S1		
4. Location of Well (Report location clearly and in accordance with Federal requirements) Sec 1 T29N R6W Mer NMP At surface SWSE 500FSL 1900FEL 36.74877 N Lat, 107.41367 W Lon At top prod interval reported below At total depth			10. Field and Pool, or Exploratory BLANCO MESAVERDE		
14. Date Spudded 10/30/2004			15. Date T.D. Reached 11/05/2004		
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod 11/29/2004			17. Elevations (DF, KB, RT, GL)* 6450 GL		
18. Total Depth: MD TVD 5895		19. Plug Back T.D.: MD TVD 5891		20. Depth Bridge Plug Set: MD TVD	
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CBL GR CCL			22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Directional Survey? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis)		

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12.250	9.625 H-40	32.3	0	224		150		0	
8.750	7.000 J-55	20.0	0	3728		600		0	
6.250	4.500 J-55	10.5	0	5892		250		2886	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.375	5636							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) MESAVERDE	5206	5684	5206 TO 5332	0.340	27	OPEN
B)			5492 TO 5684	0.340	33	OPEN
C)						
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
5206 TO 5332	FRAC'D W/51,408 GAL 65Q SLICKFOAM W/100,000# 16/30 BRADY SAND & N2=1,310,300 SCF
5492 TO 5684	FRAC'D W/75,241 GAL 65Q SLICKFOAM W/150,000# 16/30 BRADY SAND & N2= 1,859,300 SCF.

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
11/29/2004	11/24/2004	24	→	0.0	957.0	5.0			FLows FROM WELL
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
1/2	SI 145	350.0	→	0	957	5		GSI	

28a. Production - Interval B

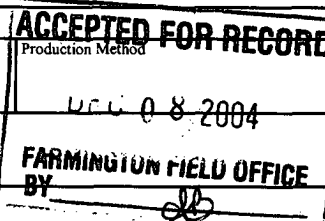
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
	SI		→						

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #51658 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

NMOC



28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	

29. Disposition of Gas(Sold, used for fuel, vented, etc.)

VENTED

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
SAN JOSE	0	1301		OJO ALAMO	2369
NACIMIENTO	1301	2536		KIRTLAND	2592
OJO ALAMO	2536	2705		FRUITLAND	2963
				PICTURED CLIFFS	3335
				CHACRA	4396
				CLIFF HOUSE	5203
				MENEFEE	5293
				POINT LOOKOUT	5582

32. Additional remarks (include plugging procedure):

This is a single well producing from the Blanco Mesaverde. Daily Summary and schematic is attached.

33. Circle enclosed attachments:

- | | | | |
|---|--------------------|---------------|-----------------------|
| 1. Electrical/Mechanical Logs (1 full set req'd.) | 2. Geologic Report | 3. DST Report | 4. Directional Survey |
| 5. Sundry Notice for plugging and cement verification | 6. Core Analysis | 7 Other: | |

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

Electronic Submission #51658 Verified by the BLM Well Information System.
For CONOCOPHILLIPS COMPANY, sent to the Farmington
Committed to AFMSS for processing by ADRIENNE BRUMLEY on 12/08/2004 (05AXB0481SE)

Name (please print) CHRIS GUSTARTIS

Title AUTHORIZED REPRESENTATIVE

Signature (Electronic Submission)

Date 12/08/2004

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ****

Daily Summary

API/UWI 300392759900	County RIO ARRIBA	State/Province NEW MEXICO	Surface Legal Location NMPM-29N-06W-01-O	N/S Dist. (ft) 500.0	N/S Ref. S	E/W Dist. (ft) 1900.0	E/W Ref. E
Ground Elevation (ft) 6450.00	Spud Date 10/29/2004	Rig Release Date 11/07/2004	Latitude (DMS) 36° 44' 55.6008" N	Longitude (DMS) 107° 24' 49.212" W			

Start Date	Ops This Rot
11/09/2004 00:00	PJSM, RU SCHLUMBERGER WIRELINE AND WOOD GROUP TEST UNIT. RIH W/ CBL /GR/CCL TOOLS. PRESSURE CSG TO 500#. PULL LOG FROM 5855' TO 2880' TOC @ '. POOH PRESSURE TEST CSG TO 4300#. TEST WAS GOOD. RD WOODGROUP. RIH W/ TDT/GR/CCL TOOLS. PULL TDT FROM 5855' TO 2350'. CONTINUE GR/CCL TO SURFACE. RD SCHLUMBERGER. SECURE WELL SDFN.
11/16/2004 00:00	PJSM, CHECK WH FOR VOLTAGE. RU BLUE JET WIRELINE. MU AND RIH W/ 3 1/8" SF GUNS W/ 12g 306T 90°PP CHARGES AND PERFORATE PLO/MEN AS FOLLOWS: 5492'-5500', 5539'-5545', 5600'-5612', 5626'-5634', 5644'-5652', 5672'-5684'. ALL SHOT ARE 1/2 SPF FOR A TOTAL OF (33) 0.34" DIA HOLES. POOH W/ WIRELINE. RD BLUEJET.PJSM. RU SCHLUMBERGER. PRESSURE TEST LINES TO 5000#, SET POP-OFF @ 3900#. OPEN WH, B/D FORMATION @ 2330 #, START@ 40 BPM & 1500#, STEP TO 30 BPM & 536#, STEP TO 24 BPM & 91#. ISDP= 0# FG= .43 PSI/FT. SPEAR HEAD 1000 GAL 15% HCL FRAC PLO/MEN W/ 75,241 GAL 65q SLICK FOAM W/ 150,000# 16/30 BRADY SAND. PUMPED PROPNET IN FINAL 1.5# SAND STAGE FOR PROPPANT CONTROL. AV RATE= 63 BPM, AV PSI= 2700#. MAX RATE= 67.9 BPM, MAX PSI- 3366#. TOT N2= 1,859,300 SCF, FLUID TO RECOVER = 1791 BBL. ISIP= 439#. RU BLUE JET RIH AND SET HALLIBURTON CBP @ 5355'. POOH AND PRESSURE TEST PLUG TO 4300#. TEST WAS GOOD. MU AND AND RIH W/ 3 1/8" SF GUNS W/ 12G 321T 90° PP CHARGES AND PERFORATE CH AS FOLLOWS:5206'-5210', 5262'-5272', 5276'-5290', 5314'-5332'. ALL SHOTS ARE 1/2 SPF FOR TOTAL OF 27 0.34" DIA HOLES. SECURE WELL RD BLUE JET. SDFN.
11/17/2004 00:00	PJSM RU SCHLUMBERGER. PRESSURE TEST LINES TO 5000#, SET POP-OFF @ 3900#. OPEN WH, B/D FORMATION @ 3050 #, START@ 40 BPM & 2467#, STEP TO 31 BPM & 1497#, STEP TO 20 BPM & 660#. STEP TO 12 BPM @ 86#. ISDP= 0# FG= .43 PSI/FT. SPEAR HEAD 1000 GAL 15% HCL FRAC MEN/CH W/ 51,408 GAL 65q SLICK FOAM W/ 100,000# 16/30 BRADY SAND. PUMPED PROPNET IN FINAL 1.5# SAND STAGE FOR PROPPANT CONTROL. AV RATE= 42 BPM, AV PSI= 2700#. MAX RATE= 67.9 BPM, MAX PSI- 3600#. TOT N2= 1,310,300 SCF, FLUID TO RECOVER = 1224 BBL. ISIP= 1538#.RD SCHLUMBERGER. RU FLOWBACK EQUIPMENT. OPEN WELL TO FLOW ON 14/64" CHOKE @ 1160#.
11/18/2004 11:45	SICP- 1,000 Psi Hold PJSA meeting. Talked about conducting safe rig move and rig up operations. Safety topics included using ground guides, watching for equipment on well, tag lines, first aid, trip hazards, pinch points, using tools correctly and other safety topics. Move in and rig up completion unit and all associated equipment. Nipped down frac head and upper casing valve. Attempted to kill well with 60 Bbls of 2% kcl water. Well just pressured up. Could not get well to die. Rigged up flowline with a 1/2" choke installed. Flowed well into dirt pit. Well flowed back kill water and nitrogen. Shut in well casing valve. Drained all lines, rig pump. Secured well and lease. Shutdown operations for the day.
11/19/2004 07:15	SICP- 650 Psi Crew held PJSA meeting with crew. Safety topics included first aid, pinch points, tripping hazards, watching for trapped pressure, tag lines, using tools correctly and other safety items. Outlined planned job operations for the day. Blowdown well thru 1/2" choke to reduce well pressure. Kill casing with 30 bbls of 2% kcl fluid. Installed bull-plugged tubing hanger assembly. Secured lockdown pins. Nipple down frac valve and spool assembly. Nipple up BOP assembly. Rigged up bloolie line and anchors. Well flowing kill fluid and nitrogen. Test BOP blind and pipe rams with a low (250 Psi) for 10 mins. and a high (2,500 Psi) for 15 mins. test. Tests were successful. Attempted to kill well with 30 bbl of 2% kcl fluid. Well pressured up and would not die. Flow well thru 1/2" choke to reduce pressure. Kill well with 30 bbls of 2% kcl fluid. Pulled tubing hanger assembly. Installed new stripping rubber. Started into well with 1- 3.75" O.D. x 3.125" x 2.30' Three Bladed Mill, 1- 3.125" x 2 3/8" x 1.81' Bit sub, and 154 joints of new 2 3/8" 4.7# tubing (string float installed 1 joint up from mill). Tubing at 4,840' for the night. Installed TIW valve onto tubing, closed in pipe rams, casing valves. Secured lease. Shutdown operations for the day.

Daily Summary

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Ground Elevation (ft) 6450.00	Spud Date 10/29/2004	Rig Release Date 11/07/2004	Latitude (DMS) 36° 44' 55.6008" N	Longitude (DMS) 107° 24' 49.212" W			

Start Date	Ops This Rot
11/20/2004 07:15	<p>SICP- 130 Psi</p> <p>Hold PJSA meeting on location. Talked about planned job operations, also talked about how to safely conduct operations.</p> <p>Blowdown well into flowback pit. Rig up air unit onto tubing. Tested air lines to 1,400 Psi. Start air unit at 1,200 CFM with 3 BPH foam/mist to unload fluid from well. Shutdown air unit, tripped 2 3/8" tubing into well to tag fill. Tagged fill at 5,315'. Start air unit at 1,200 CFM with 5 BPH foam/mist. Cleaned out to bridge plug (5,355'). Well made heavy fluid and sand returns. Continued with air until returns were clean.</p> <p>Shutdown air unit. Tripped 2 3/8" tubing to 5,186'. Installed new 1/2" choke into flowback line. Tested upper Mesa Verde perms (5,206'- 5,332') up tubing/casing annulus to atmosphere thru 1/2" choke. SITP- N/A (string float in tubing), FCP Avg.- 95 Psi. (Choke coefficient: 6.6)</p> <p>Preliminary testing indicated upper Mesa Verde production at 627 MCFPD with 5- Bbls water per day, 0- Bbls of Oil per day, with no sand returns. Test was witnessed by Sergio Serna (Rig Operator). Further overall production testing will be conducted by Protechnics Company.</p> <p>Installed TIW valve, closed casing valves, pipe rams. Drained all lines and pump. Secured lease.</p> <p>Shutdown operations for the day.</p>
11/22/2004 07:15	<p>SICP- 400 Psi</p> <p>Hold PJSA meeting on location. Talked about conducting safe operations for the day, also outlined planned operations.</p> <p>Blowdown well into flowback pit. Start air unit at 1,200 CFM with 3 BPH foam/mist to unload well. Shutdown air unit, tripped into well with 2 3/8" tubing to tag fill. Tagged fill at 5,350'. Well made 5' of fill over the weekend.</p> <p>Start air unit at 1,200 CFM with 8 BPH foam/mist to mill out bridge plug. Milled thru plug, continued with air until returns were clean. Tripped in with 2 3/8" tubing to tag fill. Tagged fill at 5,610'. Rig up air unit and power swivel to tubing. Start air unit at 1,200 CFM with 5 BPH foam/mist. Cleaned out to 5,657'. Well making heavy sand, light fluid returns. Continue with air to cleanup returns.</p> <p>Had to shutdown cleanout operation due to air unit compressor mechanical problems. Pulled tubing above Mesa Verde perms to 5,186'.</p> <p>Installed TIW valve, closed pipe rams, casing valves. Secured lease, drained all lines of fluid.</p> <p>Shutdown operations for the day.</p>
11/23/2004 07:15	<p>SICP- 430 Psi</p> <p>Hold PJSA meeting. Talked about safe job operations. Topics included first aid, fall protection, pinch points, tripping hazards, using tools correctly, tag lines, watching for trapped pressure, dressing for weather, and other safety items. Also outlined planned job operations.</p> <p>Blowdown well into flowback pit. Tripped 2 3/8" tubing into well to tag fill. Tagged fill at 5,710'. Rig up air unit. Started air unit at 1,200 CFM with 8 BPH foam/mist. Cleaned out to PBTD (5,855'). Well was making light fluid, light sand (1/2 cup sand min.) Continued with air mist until returns were clean.</p> <p>Shutdown air unit. Tripped 2 3/8" tubing out of the well. Laydown mill assembly. Rig up new stripping rubber. Kill casing with 10 bbls of 2% kcl water. Start into well with 1- .93' x 2 3/8" Mule Shoe with expendable check, 1- .87' x 1.81" I.D. x 2 3/8" F-Nipple, 186 joints of 2 3/8" tubing drifted per COPC policy. Tubing at 5,850'.</p> <p>Rig up air unit to the tubing to pump off expendable check. Start with 2 bbls of 2% kcl water ahead, follow ball with 8 bbls of 2% kcl water. Start air at 1,200 CFM with 3 BPH foam/mist. Tested tubing at 1,000 Psi, pumped off check at 1,200 Psi surface. Continued with air until fluid returns were reduced.</p> <p>Shutdown air unit, pulled tubing to 4,995' to test. Installed TIW valve, closed pipe rams, casing valves. Secured lease.</p> <p>Shutdown operations for the day.</p>

Daily Summary

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Ground Elevation (ft) 6450.00	Spud Date 10/29/2004	Rig Release Date 11/07/2004	Latitude (DMS) 36° 44' 55.6008" N	Longitude (DMS) 107° 24' 49.212" W			

Start Date	Qos This Rot
11/24/2004 10:00	<p>SICP- 450 Psi</p> <p>Hold PJSA meeting with crews. Talked about safely completing planned job operations for the day. Safety topics included first aid, pinch points, using tools correctly, watching for trapped pressure, stay away from slickline area while tripping in well, and other safety topics.</p> <p>Blowdown well into flowback tank. Tubing at 4,995. Kill tubing with 4 bbls of 2% kcl water to remove string float. Install TIW valve and swabbing tee. Rig up flowback line off of tubing into flowback line with a new 1/2" choke installed. Flowed well up tubing until Protechnics and slickline unit were rigged up and ready to start testing. Slickline tripped into well and tagged fill at 5,806'. Installed Protechnics spinner survey tools onto slickline.</p> <p>Flow tested the Mesa Verde perms (5,206'- 5,684') thru the spinner survey tools up the tubing to atmosphere thru a new 1/2" choke at surface (Choke coefficient: 6.6). SICP Avg.- 350 Psi. FTP Avg.- 145 Psi. Testing was witnessed by Sergio Serna (Rig Operator).</p> <p>Preliminary results with a FTP Avg. of 145 Psi would indicate overall Mesa Verde production at 957 MCFPD with 5- Bbls water per day, 0- Bbls of Oil per day, with no sand returns.</p> <p>Finished testing, rig down slickline and downhole tools. Check tools to verify data was recorded. Secured well, closed in all valves, pipe rams. Drained all lines of fluid. Secured lease.</p> <p>Shutdown operations for the day.</p>
11/29/2004 07:15	<p>FINAL REPORT</p> <p>SICP- 380 Psi SITP- 380 Psi</p> <p>Hold PJSA meeting with crew. Talked about conducting safe job operations. Outlined planned job operations.</p> <p>Blowdown casing into flowback pit. Kill tubing with 5 bbls of 2% kcl water. Tripped 2 3/8" tubing into the well. Tagged fill at 5,820'. Rig up air unit to tubing. Start air at 1,200 CFM with 3 BPH of foam/mist. Cleaned out to 5,855' PBD. Well made light fluid and sand returns. Continued with air until returns were clean. Shutdown air unit and rigged down off tubing.</p> <p>Kill tubing with 5 bbls of 2% kcl water. Tripped tubing to 5,636' to land. Installed tubing hanger onto tubing with BPV in hanger. Killed casing pressure with 10 bbls of 2% kcl water. Land hanger into wellhead, secured lockdown pins.</p> <p>Tubing landed at 5,636.24' K.B. Top of 1.81" I.D. F-Nipple at 5,634.44' K.B. Nipped down BOP assembly, nipped up wellhead assembly. Rigged up Wood Group to test seals in well head. Tested to 5,000 Psi. (Wood Group to pull BPV on 11-30-04).</p> <p>Start rigging down unit and all equipment. Let well flow up casing annulus while rigging down.</p> <p>Shut in well. Cleaned up and secured lease. Notified Facilities Supervisor (Lino Hernandez) of completion of operations. All equipment off wellsite.</p>

Well Name: San Juan 29-6 # 17C
 API #: 30-039-27599
 Location: 500' FSL & 1900' FEL
Sec. 1 - T29N - R6W
Rio Arriba County, NM
 Elevation: 6450' GL (above MSL)
 Dri Rig RKB: 13' above Ground Level
 Datum: Dri Rig RKB = 13' above GL

Spud: 29-Oct-04
 Spud Time: 13:30
 Date TD Reached: 5-Nov-04
 Release Dri Rig: 7-Nov-04
 Release Time: 0:00

11" 3M x 7 1/16" 5M Tubing Head
 11" 3M x 11" 3M Casing Spool
 9-5/8" 8 RD x 11" 3M Casing Head

Surface Casing Date set: 29-Oct-04
 Size 9 5/8 in
 Set at 224 ft # Jnts: 5
 Wt. 32.3 ppf Grade H-40
 Hole Size 12 1/4 in Conn STC
 Excess Cmt 125 %
 T.O.C. SURFACE Csg Shoe 224 ft
 TD of 12-1/4" hole 228 ft

Notified BLM @ _____ hrs on 27-Oct-04
 Notified NMOCD @ _____ hrs on 27-Oct-04

Intermediate Casing Date set: 3-Nov-04
 Size 7 in 87 jts
 Set at 3728 ft 0 pups
 Wt. 20 ppf Grade J-55
 Hole Size 8 3/4 in Conn STC
 Excess Cmt 150 % Top of Float Collar 3685 ft
 T.O.C. SURFACE Bottom of Casing Shoe 3728 ft
 Pup @ _____ ft TD of 8-3/4" Hole 3728 ft
 Pup @ _____ ft
 Notified BLM @ _____ hrs on _____
 Notified NMOCD @ _____ hrs on _____

Production Casing: Date set: 6-Nov-04
 Size 4 1/2 in 138 jts
 Set at 5892 ft 1 pups
 Wt. 10.5 ppf Grade J-55
 Hole Size 6 1/4 in Conn STC
 Excess Cmt 50 % Top of Float Collar 5891 ft
 T.O.C. (est) Bottom of Casing Shoe 5892 ft
 Marker Jt @ 4865 ft TD of 8-3/4" Hole 5895 ft
 Marker Jt @ _____ ft
 Marker Jt @ _____ ft

Notified BLM @ 16:00 hrs on 04-Nov-04
 Notified NMOCD @ 16:00 hrs on 04-Nov-04

Top of Float Collar 5891 ft
 Bottom of Casing Shoe 5892 ft

TD of 8-3/4" Hole: 5895 ft

Surface Cement

Date cmt'd: 29-Oct-04
 Lead : 150 sx Class B Cement
 + 3% Calcium Chloride
 + 0.25 lb/sx Flocele
 1.18 cuft/sx, 177.0 cuft slurry at 15.6 ppg
 Displacement: 14.2 bbls fresh wtr
 Bumped Plug at: did not bump
 Final Circ Press: _____
 Returns during job: YES
 CMT Returns to surface: 7 bbls
 Floats Held: No floats used
 W.O.C. for 6.00 hrs (plug bump to start NU BOP)
 W.O.C. for 10.50 hrs (plug bump to test csg)

Intermediate Cement

Date cmt'd: 3-Nov-04
 Lead : 380 sx Standard Cement
 + 3% Econolite
 + 10.00 lb/sx Phenoseal
 2.88cuft/sx, 1094.4 cuft slurry at 11.5 ppg
 Tail : 220 sx 50/50 POZ : Cement
 + 2% Bentonite
 + 6 lb/sx Phenoseal
 1.33 cuft/sx, 292.6 cuft slurry at 13.5 ppg
 Displacement: 149.5 bbls
 Bumped Plug at: 18:00 hrs w/ 1500 psi
 Final Circ Press: 900 psi @ 2 bpm
 Returns during job: YES
 CMT Returns to surface: 5 bbls
 Floats Held: X Yes ___ No
 W.O.C. for 6.00 hrs (plug bump to start NU BOP)
 W.O.C. for 11.50 hrs (plug bump to test csg)

Production Cement

Date cmt'd: 6-Nov-04
 Cement : 250 sx 50/50 POZ : Cement
 + 3% Bentonite Gel
 + 3.5 lb/sx Phenoseal
 + 0.20% CFR-3
 + 0.80% Halad@-9
 0.1% HR-5
 1.45 cuft/sx, 362.5 cuft slurry at 13.1 ppg
 Displacement: 93.67 bbls
 Bumped Plug: 10:00 hrs w/ 1400 psi
 Final Circ Press: 250 psi @ 2.0 bpm
 Returns during job: None Planned
 CMT Returns to surface: None Planned
 Floats Held: X Yes ___ No

Schematic prepared by:
 Michael P. Neuschafer, Drilling Engineer
 8-November-2004

COMMENTS:

9-5/8" Surf:	No float equipment was run. Ran a guide shoe and an aluminum baffle plate 1 jt above the guide shoe @ 181'. Displaced top wiper plug with water. Shut in casing head and WOC before backing out landing jt. CENTRALIZERS @ 214', 138', 97', 55'. Total: 4
7" Intermediate	DISPLACED W/ 149.5 BBLs. DRILL WATER. CENTRALIZERS @ 3718', 3643', 3559', 3472', 3386', 3300', 214', 127', 87'. TURBOIZERS @ 2739', 2696', 2653', 2609', 2566', 2523', 2480'. Total: 9
4-1/2" Prod.	NONE. Total: 7