

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

FORM APPROVED
OMB NO. 1004-0137
Expires: March 31, 2007

1a. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other			5. Lease Serial No. NMSF080379		
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 _____			6. If Indian, Allottee or Tribe Name		
2. Name of Operator ConocoPhillips Co.			7. Unit or CA Agreement Name and no. NMNM 784110A		
3. Address P.O. Box 2197, WL3-6085 Houston Tx 77252			8. Lease Name and Well No. San Juan 29-6 Unit 14B		
3.a Phone No. (Include area code) (832)486-2463			9. API Well No. 30-039-29410		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At Surface Sec 7 T29N R6W SWNE 2430FNL 2065FEL At top prod. interval reported below At total depth			10. Field and Pool, or Exploratory Blanco Mesaverde		
14. Date Spudded 12/22/2005			15. Date T.D. Reached 01/04/2006		
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 02/22/2006			17. Elevations (DF, RKB, RT, GL)* 6789		

18. Total Depth: MD 6163 TVD	19. Plug Back T.D.: MD 6108 TVD	20. Depth Bridge Plug Set: MD TVD
21. Type of Electric & Other Mechanical Logs Run (Submit copy of each) CBL; TDT; 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 copy)

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
13.5	9.625 H40	32.3	0	232		150		0	
8.75	7 J-55	20	0	3520		555		0	
6.25	4.5 J-55	10.5	0	6111		305		3330	

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	5835.4							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Blanco Mesaverde	5438'	5947'	5438' - 5516'	.34	46	Open
B)			5586' - 5748'	.34	61	Open
C)			5829' - 5947'	.34	74	Open
D)						

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

Depth Interval	Amount and Type of Material
5438' - 5516'	Frac'd w/60Q Slickfoam w/1g/mg FR; 100,000# 20/40 BradySand; 1,330,900 SCF N2 & 1327 bbls fluid.
5586' - 5748'	Frac'd w/60Q Slickfoam w/1g/mg FR; 125,000# 20/40 BradySand; 1,553,400 SCF N2 & 1262 bbls fluid.
5829' - 5947'	Frac'd w/60Q Slickfoam w/1g/mg FR; 150,000# 20/40 BradySand; 1,589,800 SCF N2 & 1818 bbls fluid.

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
02/22/06	02/21/06	624	→	0	2112	5			Flowing from Well
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. SI	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
1/2	320	670	→					GSI	

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. SI	Csg. Press. SI	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
			→						

(See Instructions and spaces for additional data on page 2)

NMOCD

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MAR 02 2006

FARMINGTON FIELD OFFICE

BY JB

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 or 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
				Nacimiento	1460.9
				Ojo Alamo	2699
				Kirtland	2909.7
				Fruitland	3364.4
				Pictured Cliff	3671.9
				Otero/Chacra	4680.4
				Cliffhouse	5449.5
				Menefee	5540.7
				Pt. Lookout	5832.8

32. Additional remarks (include plugging procedure):

New single well producing from the Blanco Mesaverde. Daily summary report and Well Schematic are attached.

Surface casing tested on 12/23/05. Pressure held @ 1000psi for 30 minutes. Intermediate casing tested on 12/31/05. Pressure held @ 1800psi for 30 minutes.

33. Indicate which items have been attached by placing a check in the appropriate boxes:

- ☐ Electrical/Mechanical Logs (1 full set req'd.)
 ☐ Geological Report
 ☐ DST Report
 ☐ Directional Survey
☐ Sundry Notice for plugging and cement verification
☐ Core Analysis
☐ Other

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

Name (please print) Christina GustartisTitle Regulatory Specialist

Signature

Chris GustartisDate 02/27/2006

Title 18 U.S.C. Section 101 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 and false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

INITIAL COMPLETION, 1/14/2006 00:00

API/Bottom UWI	County	State/Province	Surface Legal Location	N/S Dist (ft)	N/S Ref	E/W Dist (ft)	E/W Ref
300392941000	Rio Arriba	NEW MEXICO	NMPM-29N-06W-07-G	2,430.00	N	2,065.00	E
Ground Elevation (ft)	Latitude (DMS)	Longitude (DMS)	Spud Date	Rig Release Date			
6,789.00	36° 44' 26.628" N	107° 30' 6.408" W	12/22/2005	1/5/2006			

1/14/2006 07:00 - 1/14/2006 14:00

Last 24hr Summary

Held safety meeting. RU Schlumberger. Pressured up on 4 1/2" CSG to 1500 #. Ran CBL log from 6065' to 3150'. Top of cement @ 3330'. Ran TDT log from 6065' to 2550'. Ran GR/ccl log from 6065' TO surface. RD Schlumberger. Tested 4 1/2" csg to 4050 # for 30 min. Held ok. SWI. RD Woodgroup

2/1/2006 10:00 - 2/1/2006 14:00

Last 24hr Summary

Held safety meeting. RU Computalog. Perforated the Point Lookout. RIH w/ 3 1/8" 90 degree select fire perforating gun. Perforated from 5829' - 5842' w/ 1 spf, 5856' - 5862' w/ 1 spf, 5879' - 5891' w/ 1 spf, 5908' - 5947' w/ 1 spf. A total of 74 holes w/ 0.34 dia. SWI. RD Computalog.

2/2/2006 07:00 - 2/2/2006 13:00

Last 24hr Summary

Held safety meeting. RU Schlumberger. Frac'd the Point Lookout. Tested lines to 5050 #. Set pop off @ 3850 #. Broke down formation @ 3 bpm @ 2290 #. Pumped pre pad @ 30 bpm @ 221 #. Stepped down rate to 25 bpm @ 100 #. Stepped down rate to 20 bpm @ 0 #. ISIP 0 #. Pumped 1000 gals of 15% HCL acid @ 11 bpm @ 0 #. Frac'd the Point Lookout w/ 60 Q slick foam w/ 1 g/mg FR, 150,000 # 20/40 Brady sand, Treated the last 15% of proppant volume with proppnet for proppant flowback control, 1,589,800 SCF N2. 1818 bbls fluid. Avg rate 60 bpm. Avg pressure 2083 #. Max pressure 2187 #. Max sand cons 1.50 # per gal. ISIP 195 #. Frac gradient .44. RU Computalog. RIH w/ 4 1/2" composi plug. Set plug @ 5778'. Tested plug to 1000 # Perforated the Menefee. RIH w/ 3 1/8" 90 degree select fire perforating gun. Perforated from 5586' - 5594' w/ 1 spf, 5607' - 5615' w/ 1 spf, 5630' - 5665' w/ 1 spf, 5742' - 5748' w/ 1 spf. A total of 61 holes w/ 0.34 dia. Frac'd the Menefee. Tested lines to 5050 #. Set pop off @ 3850 #. Broke down formation @ 3 bpm @ 3054 #. Pumped pre pad @ 30 bpm @ 805 #. Stepped down rate to 25 bpm @ 522 #. Stepped down rate to 20 bpm @ 280 #. Stepped down rate to 15 bpm @ 0 #. ISIP 0 #. Pumped 1000 gals of 15% HCL acid @ 14 bpm @ 0 #. Frac'd the Menefee. w/ 60 Q slick foam w/ 1 g/mg FR, 125,000 # 20/40 Brady sand, Treated the last 15% of proppant volume with proppnet for proppant flowback control, 1,553,400 SCF N2. 1262 bbls fluid. Avg rate 55 bpm. Avg pressure 2630 #. Max pressure 2747 #. Max sand cons 1.50 # per gal. ISIP 380 #. Frac gradient .44.

2/2/2006 13:00 - 2/2/2006 17:00

Last 24hr Summary

Held safety meeting. RU Computalog. RIH w/ 4 1/2" composi plug. Set plug @ 5546'. Tested plug to 1000 # Perforated the Cliffhouse. RIH w/ 3 1/8" 90 degree select fire perforating gun. Perforated from 5438' - 5450' w/ 1 spf, 5458' - 5462' w/ 1 spf, 5480' - 5502' w/ 1 spf, 5512' - 5516' w/ 1 spf. A total of 46 holes w/ 0.34 dia. Frac'd the Cliffhouse. Tested lines to 5050 #. Set pop off @ 3850 #. Broke down formation @ 3 bpm @ 1895 #. Pumped pre pad @ 30 bpm @ 966 #. Stepped down rate to 25 bpm @ 765 #. Stepped down rate to 20 bpm @ 522 #. Stepped down rate to 15 bpm @ 355 #. Stepped down rate to 10 bpm @ 197 #. ISIP 0 #. Pumped 1000 gals of 15% HCL acid @ 9 bpm @ 0 #. Frac'd the Menefee. w/ 60 Q slick foam w/ 1 g/mg FR, 100,000 # 20/40 Brady sand, Treated the last 15% of proppant volume with proppnet for proppant flowback control, 1,330,900 SCF N2. 1327 bbls fluid. Avg rate 55 bpm. Avg pressure 2489 #. Max pressure 2741 #. Max sand cons 1.50 # per gal. ISIP 1866 #. Frac gradient .44. SWI. RD Schlumberger. Started flowback.

2/14/2006 11:30 - 2/14/2006 17:30

Last 24hr Summary

SICP- 700 Psi
BHP- 0 Psi

Hold PJSA meeting. Talked about conducting safe rig move and rig up operations. Talked about possible hazards and how to avoid those hazards. Load up rig equipment onto equipment skids and Dawn Trucking units. Move to wellsite with completion unit. Spot unit onto well. Crew conduct rig inspection on unit. Start moving rig equipment to wellsite. Spot tubing trailer onto location. Continue moving in rig equipment. All equipment delivered to location. Start rigging up unit and associated equipment. Check well pressures. Rig up flowback line to casing valve. Blowdown well thru 1/2" choke assembly to reduce well pressure. Kill casing with 25 bbls of 2% kcl water. Install testing hanger assembly. Secured lockdown pins. Nipple down Frac valve, spool assembly. Nipple up BOP assembly. Rig up dual flowback lines to flowback tank. Install safety cables on all lines. Well started unloading kill fluid while rigging up lines. Close and lock blind rams. Shut in casing valve. Well secured. Drain all lines of fluid. Secured lease. Shutdown operations for the day.

2/15/2006 07:00 - 2/15/2006 14:00

Last 24hr Summary

SICP- 700 Psi
Bradenhead- 0 Psi

Hold PJSA meeting with crews. Talked about conducting safe job operations. Talked about hazards of planned operations, and how to avoid those hazards. Outlined safety topics related to planned operations. L & R Roustabout crew set anchors on flowback and air lines. Check well pressures. Bleed down casing pressure thru 1/2" choke assembly. Pressure test BOP blind and pipe rams with a low (250 Psi- 10 min.) and a high (2,500 Psi- 30 min.) test. Tests were successful. Rig up floor assembly. Rig up tubing lifting device and tools. Tally 1st row of tubing on trailer. Nipple up Mill assembly. Install new stripping rubber. Kill casing with 25 bbls of 2% kcl water. Pull testing hanger assembly. Start into well with 1- 3.875" O.D. x 1.65' Three Bladed Mill, 1- 2 3/8" x 1.13' Bit/float sub, and new 2 3/8" tubing tallied and picked up from the tubing trailer. Tubing at 3,880'. Install TIW valve, close and lock pipe rams. Well secured. Suspend operations due to high winds, making tripping operations difficult (cross threading tubing). Drain rig pump and all lines of fluid. Secured lease. Shutdown operations for the day.

2/16/2006 07:00 - 2/16/2006 17:00

Last 24hr Summary

SICP- 400 Psi

Bradenhead- 0 Psi

Held PJSA meeting with crew. Talked about conducting safe job operations. Talked about hazards and how to avoid those hazards. Outlined safety topics related to planned operations. Check and blowdown casing pressure. Clean snow off of tubing and working areas. Continue tripping into well with tubing, mill assembly. Tag fill or bridge at 5,480' (66' of fill on plug). Well started unloading kill fluid while tripping into well. Well unloaded 20 bbls of fluid. Rig up air unit, and power swivel assembly. Pressure test air lines to 1,400 Psi. Tested good. Start air unit at 1,200 CFM with 5 BPH foam/mist. Well unloaded about 5 bbls of fluid, then made mist and heavy sand (4 cups/ 5 gal. bucket) returns. Cleaned out to bridge plug at 5,546'. Continued with air/mist until returns were reduced. Increased mist to 8 BPH to mill plug. Lost well returns for about 3 minutes when plug was drilled. Regained well returns and noticed a 100 Psi increase in air unit pressure (800 Psi to 900 Psi) and well returns. Well returns consisted of bridge plug pieces and medium sand (3 cups/ 5 gal. bucket) and medium fluid. Continued cleaning out and tagged fill at 5,680' (98' of fill on 2nd plug). Continued with air at 1,200 CFM and mist at 5 BPH and cleaned out to 2nd bridge plug at 5,778'. Well continued to make medium sand returns (3 cups/ 5 gal. bucket). Continued to circulate with air/mist above 2nd plug to reduce sand returns. Well made a total of 80 bbls to the flowback tank. Shutdown air/mist. Hang back power swivel assembly. Trip tubing, mill above the perfs to 5,420'. Installed TIW valve, close pipe rams. Well secured. Drained all lines of fluid. Secured lease. Shutdown operations for the day.

2/17/2006 07:00 - 2/17/2006 17:00

Last 24hr Summary

SICP- 700 Psi

Bradenhead- 0 Psi

Crew held PJSA meeting. Talked about conducting safe job operations. Talked about possible hazards and how to avoid those hazards. Outlined safety topics related to planned operations. Check and blowdown casing pressure. Trip into well to tag fill. Tagged at 5,776' (2' of fill on plug). Rig up air unit, power swivel assembly. Start air unit at 1,200 CFM with 5 BPH foam/mist. Well unloaded 5 bbls of fluid, then made mist and light sand (1/4 cup/ 5 gal. bucket) returns. Cleaned out to the bridge plug at 5,778'. Increased mist to 8 BPH to mill plug. Noticed a slight increase in well returns and also a 100 Psi increase in air unit pressure (900 Psi to 1,000 Psi). Well returns consisted of bridge plug parts and heavy sand (6 cups/ 5 gal. bucket) and medium fluid. Continued cleaning out and tagged fill at 5,940' (125' of fill on PBTD). Continued with air at 1,200 CFM and mist at 5 BPH and cleaned out to 6,085'. Well continued to make medium sand (2 cups/ 5 gal. bucket) returns. Continued to circulate with air/mist at 6,080' to clean up sand returns. Well made a total of 45 bbls to the flowback tank. Shutdown air/mist. Hang back power swivel assembly. Trip tubing, mill above the perfs to 5,420'. Installed TIW valve, close and lock pipe rams. Well secured. Drained all lines of fluid. Secured lease. Shutdown operations for the weekend.

2/20/2006 07:00 - 2/20/2006 17:15

Last 24hr Summary

SICP- 800 Psi

Bradenhead- 0 Psi

Held PJSA meeting. Talked about conducting safe job operations. Talked about possible job hazards and how to avoid those hazards. Outlined safety topics related to the days operations. Check and blowdown casing pressure. Kill tubing with 8 bbls of 2% kcl water. Remove TIW valve and pull upper string float. Start out of well with tubing, milling assembly. Kill casing with 30 bbls of 2% kcl water to trip out last 10 stands. Nipple down milling BHA. Nipple up production BHA, rig up drifting tools, install new stripping rubber. Start into well with 1- .92' x 2 3/8" Mule shoe with expendable check, 1- .85' x 1.81" I.D. x 2 3/8" F-Nipple, and 2 3/8" tubing from the derrick. Drifting per COPC policy. Tagged fill at 6,060' (25' of fill). Well started unloading kill fluid while tripping in. Rig up air unit. Start air at 1,200 CFM with 5 BPH foam/mist. Well unloaded 10 bbls of fluid then made medium sand (2 cups/ 5 gal. bucket), light mist. Cleaned out to 6,085'. Continued with air/mist until returns were clean and reduced. Shutdown air/mist. Rig down off tubing. Trip tubing above the perfs to 5,420'. Installed TIW valve, close and lock pipe rams. Well secured. Drained all lines of fluid. Secured lease. Shutdown operations for the day.

2/21/2006 07:00 - 2/21/2006 17:30

Last 24hr Summary

SICP- 720 Psi

Bradenhead- 0 Psi

Held PJSA meeting. Talked about conducting safe job operations. Check and blowdown casing pressure. Trip into well to tag. Tagged fill at 6,082' (3' of fill). Rig up air unit. Start air unit at 1,200 CFM with 5 BPH foam/mist. Cleaned out to 6,085'. Well unloaded 5 bbls of fluid then made light sand (1/2 cup/ 5 gal. bucket), light mist. Continued with air/mist until returns were reduced. Shutdown air unit. Trip 2 3/8" tubing to 5,835'. Kill tubing with 8 bbls of 2% kcl water, remove string float. Dropped ball to pump out check assembly. Install TIW valve. Rig up air unit to tubing. Pump off check with 5 bbls of 2% kcl behind ball, follow with air at 1,200 CFM with 3 BPH foam/mist. At 1,000 Psi, shutdown air unit. Test tubing for 15 minutes. Tested good. Resumed air/mist and pumped off check at 1,150 Psi surface. Cut mist to dry up returns. Shutdown air unit. Rig up flowback line assembly. Install new 1/2" choke into flowback line. Flow tested Overall Mesa Verde zone (5,438'- 5,947') up the tubing to atmosphere. (Choke coefficient: 6.6) FTP Avg.- 320 Psi. SICP- 670 Psi. Well started making light mist 15 minutes into test period. Testing indicated Mesa Verde production at 2,112 MCFPD with 5.0- Bbls water per day, 0- Bbls of Oil per day, with no sand returns. Test was witnessed by S. Serna (Rig Operator). Test complete, rig down flowback assembly. Blowdown casing pressure. Kill tubing with 8 bbls of 2% kcl water. Remove TIW valve. Trip in with 2 3/8" tubing to tag fill. No fill tagged at 6,085'. Laydown 9 joints of tubing to land. Install tubing hanger with BPV. Kill casing and land hanger into wellhead. Secured lockdown pins. Tubing landed at 5,835.40' K.B. Top of 1.81" I.D. F-Nipple at 5,833.63' K.B. Nipple down BOP assembly, nipple up wellhead assembly. Shut in and secure well. Secured lease. Drain all lines of fluid. Shutdown operations for the day.

2/22/2006 07:00 - 2/22/2006 14:00

Last 24hr Summary

FINAL REPORT

SICP- 700 Psi SITP- 700 Psi

Bradenhead- 0 Psi

Held PJSA meeting. Talked about conducting safe job operations. Talked about rigging down unit and equipment. Talked about possible job hazards and how to avoid those hazards. Outlined safety topics related to the days operations. Wood group tested wellhead seals to 3,000 Psi and pulled BPV from tubing hanger. Checked well pressures. Rig up flowback line to casing and tubing. Flow casing and then tubing until oxygen content was less than 1%. Shut in well. Start rigging down completion unit and all associated equipment. L & R Roustabout crew rigged down concrete anchors. Make equipment ready for transport off wellsite. Cleaned lease of any trash. Secured well and location. Operations completed. Notified Facilities Supervisor (K. Bassing) of completion of services on 2-22-06. Will leave all equipment on wellsite until 2-24-06

Well Name: San Juan 29-6 #14B
 API #: 30-039-29410
 Location: 2430' FNL & 2065' FEL
Sec. 7 - T29N - R6W
Rio Arriba County, NM
 Elevation: 6789' GL (above MSL)
 Drl Rig RKB: 13' above Ground Level
 Datum: Drl Rig RKB = 13' above GL

Patterson Rig: #747
 Spud: 22-Dec-05
 Spud Time: 3:00
 Date TD Reached: 4-Jan-06
 Release Drl Rig: 5-Jan-06
 Release Time: 16:00

Surface Casing Date set: 22-Dec-05
 Size 9 5/8 in
 Set at 232 ft # Jnts: 5
 Wt. 32.3 ppf Grade H-40
 Hole Size 13 1/2 in Conn STC
 Excess Cmt 125 %
 T.O.C. SURFACE

Csg Shoe 232 ft
 TD of 12-1/4" hole 245 ft

Notified BLM @ 18:00 hrs on 20-Dec-05
 Notified NMOCD @ 18:00 hrs on 20-Dec-05

Intermediate Casing Date set: 30-Dec-05
 Size 7 in 82 jts
 Set at 3520 ft 0 pups
 Wt. 20 ppf Grade J-55
 Hole Size 8 3/4 in Conn STC
 Excess Cmt 150 % Top of Float Collar 3474 ft
 T.O.C. SURFACE Bottom of Casing Shoe 3520 ft
 Pup @ ft TD of 8-3/4" Hole 3528 ft
 Pup @ ft

Notified BLM @ hrs on
 Notified NMOCD @ hrs on

Production Casing: Date set: 5-Jan-06
 Size 4 1/2 in 144 jts
 Set at 6111 ft 0 pups
 Wt. 10.5 ppf Grade J-55
 Hole Size 6 1/4 in Conn STC
 Excess Cmt 50 % Top of Float Collar 6108 ft
 T.O.C. (est) 3320 Bottom of Casing Shoe 6111 ft
 Marker Jt @ ft TD of 8-3/4" Hole 6163 ft
 Marker Jt @ ft
 Marker Jt @ ft
 Marker Jt @ ft

Notified BLM @ hrs on
 Notified NMOCD @ hrs on

Top of Float Collar 6108 ft
 Bottom of Casing Shoe 6111 ft

TD of 8-3/4" Hole: 6163 ft

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

☒ New
☐ Used

☒ New
☐ Used

☒ New
☐ Used

Surface Cement

Date cmt'd: 22-Dec-05
 Lead : 150 sx Class G Cement
 + 3% Calcium Chloride
 + 0.25 lb/sx D029 Flocele
1.21 cuft/sx, 181.5 cuft slurry at 15.6 ppg
 Displacement: 14.7 bbls fresh wtr
 Bumped Plug at: 14:30 hrs
 Final Circ Press: 120 psi @ 0.5 bpm
 Returns during job: YES
 CMT Returns to surface: 15 bbls
 Floats Held: No floats used
 W.O.C. for 6.00 hrs (plug bump to start NU BOP)
 W.O.C. for 19.50 hrs (plug bump to test csg)

Intermediate Cement

Date cmt'd: 30-Dec-05
 Lead : 350 sx Class G Cement
 + 3% Econolite
 + 10.00 lb/sx Phenoseal
2.88 cuft/sx, 1088.0 cuft slurry at 11.5 ppg
 Tail : 205 sx 50/50 POZ : Class G Cement
 + 2% Bentonite
 + 6 lb/sx Phenoseal
1.33 cuft/sx, 272.65 cuft slurry at 13.5 ppg
 Displacement: 141 bbls
 Bumped Plug at: 18:00 hrs w/ 1500 psi
 Final Circ Press: 1000 psi @ 2.0 bpm
 Returns during job: YES
 CMT Returns to surface: 75 bbls
 Floats Held: X Yes No
 W.O.C. for NA hrs (plug bump to start NU BOP)
 W.O.C. for 8.50 hrs (plug bump to test csg)

Production Cement

Date cmt'd: 5-Jan-06
 Cement : 305 sx 50/50 POZ : Class G Cement
 + 3% Bentonite
 + 0.2% CFR-3
 + 0.8% Halad@-9
 + 0.1% HR-5
 + 3.5 lb/sx Phenoseal
1.45 cuft/sx, 442.25 cuft slurry at 13.0 ppg
 Displacement: 99.5 bbls
 Bumped Plug: did not bump
 Final Circ Press: 200 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
 11-January-2006

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 @ 190'. Displaced top wiper plug with water. Shut in casing head and WOC before backing out landing jt. CENTRALIZERS @ 210', 144', 101', 57'. Total: 4
7" Intermediate	DISPLACED W/ 141 BBLs. FRESH WATER. CENTRALIZERS @ 3510', 3431', 3345', 3259', 3173', 3087', 227', 98', 61'. TURBOLIZERS @ 2915', 2873', 2830', 2787', 2743', 2702'. Total: 9
4 1/2" Notes:	None Total: 6