

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

FORM APPROVED  
OMB NO. 1004-0137  
Expires: November 30, 20001a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry Otherb. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr. ☐ Other \_\_\_\_\_

2. Name of Operator

ConocoPhillips Co.

3. Address

P.O. Box 2197, WL3-6085 Houston Tx 77252

3.a Phone No. (Include area code)

(832)486-2463

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*

At Surface Sec 23 T28N R7W SWSW 645FSL 220FWL

At top prod. interval reported below

At total depth

14. Date Spudded

06/30/2005

15. Date T.D. Reached

07/07/2005

16. Date Completed

☐ D & A ☒ Ready to Prod.  
09/22/200518. Total Depth: MD 7771  
TVD19. Plug Back T.D.: MD 7765  
TVD20. Depth Bridge Plug Set: MD  
TVD21. Type of Electric & Other Mechanical Logs Run (Submit copy of each)  
CBL; RST; GR/CCL22. Was well cored? ☒ No ☐ Yes (Submit analysis)  
Was DST run? ☒ No ☐ Yes (Submit analysis)  
Directional Survey? ☒ No ☐ 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 Cement Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12.25	9.625	32.3	0	235		150		0	
8.75	7	20	0	3612		600		0	
6.25	4.5	11.6	0	7768		465		2370	

## 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	7535							

## 25. Producing Intervals

## 26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Blanco Mesaverde	4901	5556	4901' - 5556'	.34	47	Open
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
4901' - 5556'	Frac'd w/60Q Slickfoam w/1g/mg FR; 200,000# 20/40 Brady sand; 2,218,200 SCF N2 ; 2155 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
9/22/05	9/14/05	24	→	10	1749	5			Flows from Well
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
1/2	SI 265	590	→					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.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
			→						

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

ACCEPTED FOR RECORD

OCT 06 2005

FARMINGTON FIELD OFFICE  
BY *[Signature]*

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 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	1217
				Ojo Alamo	2462
				Kirtland	2553
				Fruitland	3013
				Pictured Cliff	3259
				Otero Chacra	4200
				Cliffhouse	4898
				Pt Lookout	5457
				Gallup	6749
				TWLS	7519
				Cubero	7651

## 32. Additional remarks (include plugging procedure):

New downhole commingled well producing from the Blanco Mesaverde and Basin Dakota. Daily summary report and End of Well Schematic is attached.

## 33. Circle enclosed attachments:

1. Electrical/Mechanical Logs (1 full set req'd.)      2. Geological 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)\*

Name (please print) Christina GustartisTitle Regulatory SpecialistSignature Chris GustartisDate 10/04/2005

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, 07/14/2005 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
300392726000	RIO ARRIBA	NEW MEXICO	NMPM-28N-07W-23-M	645.00	S	220.00	W
Ground Elevation (ft)	Latitude (DMS)	Longitude (DMS)	Spud Date	Rig Release Date			
6,600.00	36° 38' 28.7016" N	107° 33' 1.9296" W	06/30/2005	07/08/2005			

**07/14/2005 06:00 - 07/14/2005 00:00**

**Last 24hr Summary**

Held safety meeting. RU Schlumberger. Pressured up on 4 1/2" CSG to 1500 #. Ran CBL log from 7754' to 2000'. Top of cement @ 2370'. Ran RST log from 7754' to 2250'. Ran GR/ccl log from 7754' TO surface. RD Schlumberger. Tested 4 1/2" csg to 4800 # for 30 min. Held ok. SWI. RD Woodgroup

**07/19/2005 00:00 - 07/19/2005 00:00**

**Last 24hr Summary**

Held safety meeting. RU Computalog. Perforated the Dakota. RIH w/ 3 1/8" 120 degree pp Select fire perforating gun. Perforated from 7534' - 7541' w/ 2 SPF, 7560' - 7569' w/ 2 SPF, 7626' - 7629' w/ 2 spf, 7656' - 7666' w/ 2 spf, 7683' - 7686' w/ 2 spf, 7695' - 7698' w/ 2 spf, 7716' - 7720' w/ 2 spf. A total of 78 holes @ 0.34 DIA. SWI. RD Computalog.

**07/20/2005 00:00 - 07/20/2005 00:00**

**Last 24hr Summary**

Held safety meeting. RU Schlumberger. Fac'd the Dakota. Tested lines to 5500 #. Set pop off @ 4050 #. Broke down formation @ 4 bpm @ 1690 #. Pump pre pad @ 40 bpm @ 2742 #. Stepped down rate to 33 bpm @ 2012 #. Stepped down rate to 25 bpm @ 1701 #. Stepped down rate to 18 bpm @ 1406 #. Stepped down rate to 8 bpm @ 1264 #. ISIP 973 #. 5 min 748 #. 10 min 581 #. 15 min 491 #. 20 min 384 #. 25 min 291 #. 30 min 225 #. Pumped 1000 gals of 15% HCL acid @ 6 bpm @ 1221 #. Frac'd the Dakota w/slickwater @ 1.25 g/mg FR, 35,000 # 20/40 Carbolite sand & 3921 bbls fluid. Avg rate 55 bpm. Avg pressure 2927 #. Max pressure 3015 #. Max sand cons .40 # per gal. ISIP 1585 #. Frac gradient .57. SWI. RD Schlumberger.

**07/21/2005 08:00 - 07/21/2005 00:00**

**Last 24hr Summary**

Held safety meeting. RU Computalog. RIH w/ 4 1/2" composite plug. Set plug @ 5656'. Tested plug to 4300 #. Held ok. Perforated the Mesaverde w/ 3 1/8" 90 degree select fire perforating gun. Perforated from 4901' - 4911' w/ 1/2 spf, 4938' - 4944' w/ 1/2 spf, 4958' - 4964' w/ 1/2 spf, 4981' - 4985' w/ 1/2 spf, 5020' - 5026' w/ 1/2 spf, 5458' - 5464' w/ 1/2 spf, 5478' - 5488' w/ 1/2 spf, 5504' - 5510' w/ 1/2 spf, 5526' - 5532' w/ 1/2 spf, 5542' - 5556' w/ 1/2 spf. A total of 47 holes w/ 0.34 dia. RU Schlumberger. Broke down formation on the Point Lookout @ 4 BPM @ 2550 # and set pressure gauges @ 5448' on the Point Lookout. Perfs @ 5458' to 5556'. Broke down formation on the Cliffhouse @ 4 BPM @ 925 # and set pressure gauges @ 4891' on the Cliffhouse. Perfs @ 4901' to 5026'. SWI. RD Computalog & Schlumberger.

**07/24/2005 14:00 - 07/24/2005 00:00**

**Last 24hr Summary**

Held safety meeting. RU Computalog. Pulled pressure gauges. POOH w/ Cliffhouse pressure gauges. BHP 600 #. POOH w/ Point Lookout pressure gauges. BHP 920 #. RD Computalog.

**07/26/2005 09:00 - 07/26/2005 16:00**

**Last 24hr Summary**

Held safety meeting. RU Schlumberger. Frac'd the Mesaverde. Tested lines to 5500 #. Set pop off @ 4050 #. Broke down formation @ 3 bpm @ 989 #. Pumped pre pad @ 30 bpm @ 908 #. Stepped down rate to 25 bpm @ 591 #. Stepped down rate to 20 bpm @ 270 #. Stepped down rate to 15 bpm @ 0 #. Stepped down rate to 10 bpm @ 0 #. ISIP 0 #. Pumped 1000 gals of 15% HCL acid @ 5 bpm @ 0 #. Frac'd the Mesaverde w/ 60 Q slick foam w/ 1 g/mg FR, 200,000 # 20/40 Brady sand, Treated the last 15% of proppant volume with propnet for proppant flowback control, 2,218,200 SCF N2 & 2155 bbls fluid. Avg rate 65 bpm. Avg pressure 2556 #. Max pressure 2687 #. Max sand cons 1.50 # per gal. ISIP 1065 #. Frac gradient .44. SWI. RD Schlumberger. Started flowback.

**09/08/2005 07:00 - 09/09/2005 16:30**

**Last 24hr Summary**

PJSM w/ crews. Discussed days events and ways to prevent incident. Filled out and reviewed JSA. Road unit and equipment from SJ 28-7 # 188F to SJ 28-7 # 258F. Check location for hazards and LEL's. Spot Key rig # 15. Ru unit, pump and blow line. SICP=700#. BWD to 200#. Kill w/ 30 bbl 2% KCL. Set tbq hanger through frac stack. ND frac stack. NU BOPE. PJSM w/ roust-about crew. RU blooie line, 2" flow line and place all concrete blocks. Load BOP w/ water. RU Key Energy pressure pump. Pressure test blind and pipe rams to 200# low and 3000# high. Test was good. Charted and witnessed by G.Maez w/ Key energy. RU floor and tbq. tools. Remove thread protectors. Kill csg w/ 10 bbl kcl. Release and pooh w/ tbq hanger. MU and Tih picking up w/ 1/2 MS exp ck, 1.81" FN and 8 jts 2 3/8" tbq.S/D due to incident on rig. Secure well SDFN

**09/12/2005 09:00 - 09/13/2005 17:00**

**Last 24hr Summary**

PJSM w/ Accident Investigation Team. Perform Investigation. SICP= 690# PJSM w/ crews. Discussed days events and ways to prevent incident. Filled out and reviewed JSA. BWD, Kill well w/ 30 bbl 2% KCL. Tih picking up w/ 120 jts 2 3/8" tbq. Demonstrating tbq PU procedures. Secure well SDFN.

**09/13/2005 07:00 - 09/14/2005 18:00**

**Last 24hr Summary**

SICP= 690# PJSM w/ crews. Discussed days events and ways to prevent incident. Filled out and reviewed JSA. BWD, Continue to Tih picking from float and tag fill @ 5529'. ( 28' perfs covered , 128' to CBP.) Establish circulation w/ air-mist. Unload hole w/ 1150 cfm air and 6 bph mist. C/O fill from 5528' to CBP @ 5656' w/ 8 bph mist. Circulate clean. Pooh w/ 28 jts 2 3/8" tbq. Secure well SDFN.

**09/14/2005 07:00 - 09/14/2005 18:00**

**Last 24hr Summary**

SICP= 650#

PJSM w/ crews. Discussed days events and ways to prevent incident. Filled out and reviewed JSA.

BWD, TIH w/ 28 jts 2 3/8" tbg. Tag no fill. Establish circulation w/ air-mist. Unload hole w/ 1150 cfm air and 4 bph mist. Circulate clean. Cut mist and dry up hole. S/D air unit. Puh to 5458'. Ru Hard line w/ 1/2" choke @ surface. Open well flowing up tbg to atmosphere. Flow test MV formation for 4 hrs. TEST IS AS FOLLOWS:

MV PERFS 4901'- 5556'

2 3/8" TBG SET @ 5458'

FTP= 265#

SICP= 590#

MV PROD= 1749 MCFPD

10 BOPD

5 BWPD

NO SAND. Witnessed by G.Maez w/ Key Energy Services.

Secure well SDFN.

**09/15/2005 07:00 - 09/15/2005 18:00**

**Last 24hr Summary**

SICP=650#.

PJSM w/ crews. Discussed days events and ways to prevent incident. Filled out and reviewed JSA.

BWD, TIH and tag no fill. Start air unit. Establish circulation w/ air. Unload hole @ 5656'. (Returned 2-3 bbl oil.) Circulate clean. PUH to 4806' KB.

PJSM w/ logging crews. RU H&H wireline unit. MU and Rih w/ EOT locator. Find PBTD @ 5657'. Find EOT @ 4806'. Pooh. Mu Protechnics Completion Profile logging tools. Rih to 5606' Stop and record SBHP for 10 min.

Open well flowing up tbg to atmosphere w/ 1/4" choke @ surface. Pressures stabilized as follows: FTP= 580#, SICP= 625#. Log MV w/ 6 passes @ set speeds. 40,80 & 120 ft/min. Rih below perfs. SWI and change out 1/4" choke for 1/2" choke.

Open well flowing up tbg to atmosphere w/ 1/2" choke @ surface. Pressures stabilized as follows: FTP= 320#, SICP= 570#. Log MV w/ 8 passes @ same speeds as above.

SWI, Pooh and LD logging tools. Retrive data. Data was good. RD and release service companys.

Secure well SDFN.

**09/19/2005 07:00 - 09/19/2005 18:00**

**Last 24hr Summary**

SICP=700#.

PJSM w/ crews. Discussed days events and ways to prevent incident. Filled out and reviewed JSA.

BWD, Tooh & stand back w/ 153 jts 2 3/8" tbg. MU and Tih w/ 3 7/8" mill, bit sub and 153 jts 2 3/8" tbg. Tag no fill. RU power swivel. Establish circulation w/ air. Unload hole. Drill CBP @ 5656'. Rd swivel. Continue to Tih picking up from float. Tag fill @ 7684'. Ru power swivel. C/O fill from 7684' to PBTD of 7760' w/ 1150 cfm air and 8 bph mist. Circulate clean. Pooh w/ 94 jts 2 3/8" tbg. Secure well SDFN.

**09/20/2005 07:00 - 09/20/2005 18:00**

**Last 24hr Summary**

SICP=890#.

PJSM w/ crews. Discussed days events and ways to prevent incident. Filled out and reviewed JSA.

RD and hang swivel in rack. BWD, Tooh standing back w/ 153 jts 2 3/8" tbg and LD mill BHA. PJSM on drifting prod. tbg. MU and Tih drifting w/ 2 3/8" 1/2 MS expendable check, 1.81" FN, and 247 jts 2 3/8" tbg. Tag w/ 10' fill. Establish circulation w/ air. Unload hole w/ 1150 cfm air. C/O fill to PBTD of 7760'. Circulate clean. Pooh w/ 10 jts. secure well SDFN.

**09/21/2005 07:00 - 09/22/2005 18:00**

**Last 24hr Summary**

SICP=890#.

PJSM w/ crews. Discussed days events and ways to prevent incident. Filled out and reviewed JSA.

Bwd, Tih w/ 10 jts and tag no fill. Establish circulation w/ air. Unload well. Pooh w/ 11 jts to 7420' KB.

PJSM w/ wireline and logging crews. RU H&H wireline unit. Rih w/ EOT locator. Tag no fill. PUH and find EOT @ 7420' Pooh. RU Protechnics memory logging tools. Rih to 7760' Record SBHP for 15 min. Open well to flow to pit w/ 1/2" choke @ surface. Wait for flowing pressure to stabilize. FTP = 350 #, SICP= 840#. (Fluid level @ 7675'). Log DK interval w/ 8 passes @ set speeds. Pooh and retrieve data. RD service companys. Secure well SDFN.

**09/22/2005 07:00 - 09/23/2005 12:00**

**Last 24hr Summary**

SICP=890#.

PJSM w/ crews. Discussed days events and ways to prevent incident. Filled out and reviewed JSA.

BWD, Drift in hole w/ 3 jts. Ru hanger. Land well w/ 239 jts 2 3/8" tbg, (1) 10' sub, (1) 8' sub, (1) 2' sub, 1.81" FN, and 1/2 MS re-entry guide, EOT @ 7535' KB. Top of FN @ 7533' KB. ND BOPE, NU Tbg master valve, Check Seals for leaks. RD equipment and unit. Purge air from tbg and csg. Checked w/ O2 monitor.

Move unit off Location to SJ 29-5 # 45F. Turn over to Construction group to build facility.

FINAL REPORT.

DK PRODUCTION= 2,726 MSCF/D

7.5 BWPD

0 BOPD

TEST WITNESSED BY TYRONE DAYE W/ PROTECHNICS.

Well Name: San Juan 28-7 #258F  
 API #: 30-039-27260-00-X1  
 Location: 645' FSL & 220' FWL  
Sec. 23 - T28N - R7W  
Rio Arriba County, NM  
 Elevation: 6600' GL (above MSL)  
 Drl Rig RKB: 13' above Ground Level  
 Datum: Drl Rig RKB = 13' above GL

Patterson Rig: #749  
 Spud: 30-Jun-05  
 Spud Time: 1:30  
 Date TD Reached: 7-Jul-05  
 Release Drl Rig: 9-Jul-05  
 Release Time: 0:00

**Surface Casing** Date set: 30-Jun-05  
 Size 9 5/8 in  
 Set at 235 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 235 ft  
 TD of 12-1/4" hole 245 ft

☒ New  
☐ Used

Notified BLM @ 7:30 hrs on 29-Jun-05  
 Notified NMOCD @ 7:30 hrs on 29-Jun-05

**Intermediate Casing** Date set: 4-Jul-05  
 Size 7 in 89 jts  
 Set at 3612 ft 0 pups  
 Wt. 20 ppf Grade J-55  
 Hole Size 8 3/4 in Conn STC  
 Excess Cmt 150 % Top of Float Collar 3566 ft  
 T.O.C. SURFACE Bottom of Casing Shoe 3612 ft  
 Pup @        ft TD of 8-3/4" Hole 3615 ft  
 Pup @        ft

☒ New  
☐ Used

Notified BLM @ 18:45 hrs on 03-Jul-05  
 Notified NMOCD @ 18:55 hrs on 03-Jul-05

**Production Casing:** Date set: 8-Jul-05  
 Size 4 1/2 in 182 jts  
 Set at 7768 ft 3 pups  
 Wt. 11.6 ppf Grade N-80  
 Hole Size 6 1/4 in Conn LTC  
 Excess Cmt 50 % Top of Float Collar 7765 ft  
 T.O.C. (est) 3412 Bottom of Casing Shoe 7768 ft  
 Marker Jt @ 4798 ft TD of 8-3/4" Hole 7771 ft  
 Marker Jt @ 4808 ft  
 Marker Jt @ 7449 ft  
 Marker Jt @        ft

☒ New  
☐ Used

Notified BLM @ 4:50 hrs on 07-Jul-05  
 Notified NMOCD @ 4:52 hrs on 07-Jul-05

Top of Float Collar 7765 ft  
 Bottom of Casing Shoe 7768 ft

TD of 8-3/4" Hole: 7771 ft

**SurfaceCement**

Date cmt'd: 30-Jun-05  
 Lead : 150 sx Class G Cement  
 + 3% S001 Calcium Chloride  
 + 0.25 lb/sx D029 Cellophane Flakes  
 1.16 cuft/sx, 174.0 cuft slurry at 15.8 ppg  
 Displacement: 15.0 bbls fresh wtr  
 Bumped Plug at:         
 Final Circ Press:         
 Returns during job: YES  
 CMT Returns to surface: yes bbls  
 Floats Held: No floats used  
 W.O.C. for 6.00 hrs (plug bump to start NU BOP)  
 W.O.C. for 17.00 hrs (plug bump to test csg)

**Intermediate Cement**

Date cmt'd: 5-Jul-05  
 Lead : 385 sx Class G Cement  
 + 0.25 lb/sx D029 Cellophane Flakes  
 + 3% D079 Extender  
 + 0.20% D046 Antifoam  
 + 0.05 gal/sx D047 Antifoam  
 + 10.00 lb/sx Phenoseal  
 2.72 cuft/sx, 1047.2 cuft slurry at 11.7 ppg  
 Tail : 215 sx 50/50 POZ : Class G Cement  
 + 0.25 lb/sx D029 Cellophane Flakes  
 + 2% D020 Bentonite  
 + 1.50 lb/sx D024 Gilsonite Extender  
 + 2% S001 Calcium Chloride  
 + 0.10% D046 Antifoam  
 + 6 lb/sx Phenoseal  
 1.31 cuft/sx, 281.65 cuft slurry at 13.5 ppg  
 Displacement: 144.4 bbls  
 Bumped Plug at: 1:19 hrs w/ 1500 psi  
 Final Circ Press: 1000 psi @ 2 bpm  
 Returns during job: YES  
 CMT Returns to surface: 35 bbls  
 Floats Held: X Yes    No  
 W.O.C. for NA hrs (plug bump to start NU BOP)  
 W.O.C. for 15.00 hrs (plug bump to test csg)

**Production Cement**

Date cmt'd: 8-Jul-05  
 Cement : 465 sx 50/50 POZ : Class G Cement  
 + 0.25 lb/sx D029 Cellophane Flakes  
 + 3% D020 Bentonite  
 + 1.00 lb/sx D024 Gilsonite Extender  
 + 0.25% D167 Fluid Loss  
 + 0.15% D065 Dispersant  
 + 0.10% D800 Retarder  
 + 0.10% D046 Antifoam  
 + 3.5 lb/sx Phenoseal  
 1.45 cuft/sx, 674.25 cuft slurry at 13.0 ppg  
 Displacement: 120.4 bbls  
 Bumped Plug: 15:02 hrs w/ 2000 psi  
 Final Circ Press: 1600 psi @ 2 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  
 13-July-2005

**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 @ 191'. Displaced top wiper plug with water. Shut in casing head and WOC before backing out landing jt. CENTRALIZERS @ 225', 147', 104, 60'. Total: 4
7" Intermediate	DISPLACED W/ 144.4 BBLs. FRESH WATER. CENTRALIZERS @ 3602', 3523', 3442', 3362', 3281', 3200', 194', 77', 37'. TURBOLIZERS @ 2590', 2550', 2509', 2468', 2427'. Total: 9 Total: 5
4-1/2" Prod.	NONE.