

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 ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Other
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.,
Other _____

2. Name of Operator
CONOCOPHILLIPS COMPANY

3. Address
5525 Highway 64 Farmington NM 87401

4. Location of Well (Report location clearly and in accordance with Federal requirements)
At Surface NWSE SEC 14 T32N R8W 1405 FSL & 1531 FEL

At top prod. interval reported below

At total depth SAME AS ABOVE

14. Date Spudded

09/22/2005

15. Date T.D. Reached

09/28/2005

16. Date Completed

☐ D & A ☒ Ready to Prod.
11/16/2005

18. Total Depth: MD 4100
TVD 4100

19. Plug Back T.D.: MD 4048
TVD 4048

20. Depth Bridge Plug Set: MD
TVD

21. Type of Electric & Other Mechanical Logs Run (Submit copy of each)
CNL; GR/CCL logs

22. Was well cored? ☒ No ☐ Yes (Submit analysis)
Was DST run? ☒ No ☐ Yes (Submit analysis)
Directional Survey? ☐ No ☒ Yes (Submit copy)

5. Lease Serial No.

SF079380

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and no.

8. Lease Name and Well No.

SAN JUAN 32-8 UNIT 266A

9. API Well No.

30-045-33049

10. Field and Pool, or Exploratory
BASIN FRUITLAND COAL

11. Sec., T., R., M., on Block and
Survey or Area J Sec: 14 Twn: 32N

12. County or Parish

SAN JUAN

13. State

NEW MEXICO

17. Elevations (DF, RKB, RT, GL)*

7110 GL

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
12.25	9.625H-40	32.3	0	228		150 sx		0	12 bbl
7.875	5.5 J-55	17.0	0	4095		965 sx		0	50 bbl

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	3550							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Basin Fruitland Coal	3769	3960	3769-3960	.42"	52	Open
B) Basin Fruitland Coal	3576	3709	3576-3709	.42'	40	Open
C) Basin Fruitland Coal	3575	3709	3575-3709	.42"	144	Open
D)						

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

Depth Interval	Amount and Type of Material
3769-3960	Pumped 20# Green Lightning in Pad w/4000# 40/70 Az sand. Frac Lower FC w/20# Green Lightning w/FS. Pumped 100,000 1/30 Brady. Total sand: 104,000. Fluid 2490 bbl.
3575-3709	Pumped 25# Green Lightning in Pad w/200# 40/70 AZ sand. Frac the Upper FC w/25# Green Lightning w/FS. 100,500 Brady. Total sand: 102,500. Fluid 1624 bbl.

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
11/16/05	11/14/05	4	→	0	792	120 bwpd			Gas Pumping Unit
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
1/2'	N/A	260 psi	→					Shut-in	

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	
			→						

ACCEPTED FOR RECORD

DEC 20 2005

FARMINGTON FIELD OFFICE
BY *gkb*

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.)

Sold

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	1110
				Ojo Alamo	2593
				Kirtland	3176
				Fruitland	3569
				Top Coal MD	3576
				B Main Coal MD	3799
				PC Tongue MD	3906
				B Lowest Coal MD	3962
				Top PCCF MD	3990

32. Additional remarks (include plugging procedure):

This well is a single well producing from the Basin Fruitland Coal. Attached is the Wellbore Schematic and the Daily Summaries.

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

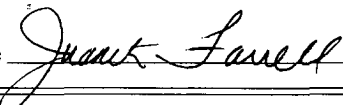
- ☐ Electrical/Mechanical Logs (1 full set req'd.)
 ☐ Geological Report
 ☐ DST Report
 ☐ Directional Survey
☐ Sundry Notice for plugging and cement verification
 ☐ Core Analysis
 ☐ Other

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) JUANITA FARRELL

Title REGULATORY ANALYST

Signature



Date 12/09/2005

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.

Regulatory Summary

ConocoPhillips

SAN JUAN 32 8 UNIT #266A

INITIAL COMPLETION, 10/4/2005 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
300453304900	San Juan	NEW MEXICO	NMPM-32N-08W-14-J	1,405.00	S	1,531.00	E
Ground Elevation (ft)	Latitude (DMS)	Longitude (DMS)	Spud Date	Rig Release Date			
7,110.00	36° 58' 44.904" N	107° 38' 22.416" W	9/22/2005	9/29/2005			

10/4/2005 09:00 - 10/4/2005 15:00

Last 24hr Summary

Held safety meeting. RU Computalog. Ran CNL log from 4047' to 3400'. Ran GR/CCL log from 4047' to surface. SWI. RD Computalog.

10/5/2005 08:00 - 10/5/2005 11:00

Last 24hr Summary

Held safety meeting. RU Wood group Test unit. Tested 5 1/2" csg to 4500 # for 30 min. Held ok. SWI. RD Woodgroup.

10/13/2005 11:00 - 10/13/2005 11:00

Last 24hr Summary

Held safety meeting. RU Computalog. Perforated the lower Fruitland Coal. RIH w/ 3 1/8" slickgun w/ Titan 322g. Perforated from 3769' - 3772' w/ 2 spf, 3782' - 3793' w/ 2 spf, 3813' - 3815' w/ 2 spf, 3943' - 3947' w/ 2 spf, 3954' - 3960' w/ 2 spf. A total of 52 holes w/ .42 dia. SWI. RD Computalog.

10/14/2005 10:00 - 10/14/2005 16:00

Last 24hr Summary

Held safety meeting. RU BJ Services. Frac the Lower Fruitland Coal. Tested lines to 5500 #. Set pop off @ 4250 #. Broke down formation @ 5 BPM @ 1512 #. Pumped 2000 gals of 15% formic acid @ 5 BPM @ 1432 #. Pumped 20 # Green Lightning in Pad w/ 4000 # of 40 / 70 Arizona sand @ .25 # sand per gal. Frac the Lower Fruitland Coal w/ 20 # Green Lightning w/ FS. The well pressured up and screened out, with only 50% of proppant in formation. Pumped 100,000 16/30 Brady sand. Total sand pumped 104,000 #. 2490 bbls fluid. Avg rate 51 BPM. Avg pressure 2835 #. Max pressure 3990 #. Max sand cons 4 # per gal. ISIP 3620 #. Frac gradient 1. Tagged pad (all 3) w/ Scandium. SWI. RD BJ Services.

10/18/2005 08:00 - 10/18/2005 16:00

Last 24hr Summary

Held safety meeting. RU Coil tbg. SICP 50 #. RIH w/ 1 1/4" coil tbg. Tagged sand @ 2100'. 1948' of fill. cleaned out from 2100' to 4048 PBTD. Perfs @ 3769' to 3960'. circulated well clean w/ air. Pooh w/ coil tbg. SWI. RD coil tbg.

10/20/2005 12:00 - 10/20/2005 17:00

Last 24hr Summary

Held safety meeting. RU Computalog. Perforated the Upper Fruitland Coal. RIH 5 1/2" composit plug. Set plug @ 3735'. tested plug to 4500 #. held ok. Perforated the Upper Fruitland Coal. RIH w/ 3 1/8" slickgun w/ Titan 322g. Perforated from 3576' - 3578' w/ 2 spf, 3646' - 3648' w/ 2 spf, 3673' - 3680' w/ 2 spf, 3689' - 3693' w/ 2 spf, 3704' - 3709' w/ 2 spf. A total of 40 holes w/ .42 dia. SWI. RD Computa

10/22/2005 14:00 - 10/22/2005 17:00

Last 24hr Summary

Held safety meeting. RU BJ Services. Frac'd the Upper Fruitland Coal. Tested lines to 5100 #. Set pop off @ 4250 #. Attempted to break down perfs w/1000 gals of 15% formic acid @ 5 BPM @ 4100 #. Would not break down. SWI.

10/23/2005 06:00 - 10/23/2005 14:00

Last 24hr Summary

Held safety meeting. RU Computalog. Perforated the Upper Fruitland Coal. Perforated the Upper Fruitland Coal. RIH w/ 3 1/8" HSC 120 degree 302 charge Perforated from 3575' - 3579' w/ 4 spf, 3645' - 3649' w/ 4 spf, 3670' - 3683' w/ 4 spf, RIH w/ 3 1/8" slickgun w/ Titan 322g. Perforated from 3689' - 3693' w/ 2 spf, 3704' - 3709' w/ 2 spf. A total of 144 holes w/ .42 DIA SWI. RD Computa. RU BJ Services. Frac the Upper Fruitland Coal. Tested lines to 5500 #. Set pop off @ 4250 #. Broke down formation @ 5 BPM @ 2978 #. Pumped 1000 gals of 28% formic acid @ 2 BPM @ 3110 #. Pumped 25 # Green Lightning in Pad w/ 2000 # of 40 / 70 Arizona sand @ .25 # sand per gal. Frac the Upper Fruitland Coal w/ 25 # Green Lightning w/FS. 100,500 16/30 Brady sand. Total sand pumped 102,500 #. 1624 bbls fluid. Avg rate 50 BPM. Avg pressure 3702 #. Max pressure 3870 #. Max sand cons 5 # per gal. ISIP 3224 #. Frac gradient 1.20. Tagged pad (all 3) w/ Iridium. SWI. RD Iridium. RD BJ Services.

11/8/2005 08:00 - 11/8/2005 17:30

Last 24hr Summary

MIRU KEY RIG 11. ND FRAC VALVES. NU STACK AND BLOOIE LINE. TEST BOPE STACK.

11/9/2005 07:30 - 11/9/2005 17:30

Last 24hr Summary

TIH W/ BIT,BS ON 2 3/8" TBG. TAGGED SAND @ 3666'. CO 69' OF SAND TO CBP @ 3735'. REBUILD BERM AROUND BLOW PIT. PULL UP TO 3544' SECURE WELL. SION.

11/10/2005 07:30 - 11/10/2005 17:00

Last 24hr Summary

SICP:O, BRADEN HEAD PRESSURE: 0. GIH. TAGGED 10' OF SAND ON TOP OF CBP. CO 10' OF SAND TO CBP @ 3735'. DRILL OUT CBP. @ 3735'. GIH. TAGGED SAND @ 3952'. CO 96' OF SAND TO PBTD @ 4048'. CIRCULATE ON BOTTOM WITH AIR,3 BPH MIST. WELL MAKING A FAIR AMOUNT OF SAND, A SLIGHT SHOW OF GAS AND WATER. RAN 5 BPM AIR MIST SWEEP. LD POWER SWIVEL. TOO. LD BIT AND SUB. SECURE WELL. SION.

Regulatory Summary

ConocoPhillips

SAN JUAN 32 8 UNIT #266A

11/11/2005 07:15 - 11/11/2005 17:00

Last 24hr Summary

SICP-1175 Psi

Bradenhead- 0 Psi

Crew held PJSA meeting on location. Talked about conducting safe job operations. Outlined safety topics related to planned operations. Blowdown casing pressure. Attempt to kill well with 70 bbls of 2% kcl water. Well started to pressure up. Could not kill well. Let well blowdown and unload kill fluid. Kill well with 30 bbls of 2% kcl water. Nipple up BHA. Install new stripping rubber. Start into well with 1- .40' x 2 3/8" Mule shoe, 1- .85' x 1.81" I.D. x 2 3/8" F-Nipple with Baker plug, 2 3/8" tubing from derrick, Tripped tubing to 3,550'. Install TIW valve onto tubing. Well unloading kill fluid while tripping in. Rig up H & H Slickline unit. Pump 10 bbls of 2% kcl water down tubing. Run in with slickline to pull Baker plug from F-Nipple at 3,549'. Made 3 runs. 1- with pressure disc puncturing tool, 2- with plug pulling tool. Pulled plug from F-Nipple. Rig down, release slickline unit. Kill tubing with 5 bbls of 2% kcl water. Remove TIW valve. Installed string float. Continued into well with 2 3/8" tubing to tag fill. Tagged fill at 4,045' (3' of fill on PBTD). Rig up air unit. Start air at 1,200 CFM with 3 BPH foam/mist. Well unloaded about 8 bbls of fluid, then made mist and minimal sand. Continued with air/mist until returns were cleaned. Shutdown air unit. Let well flow natural thru blooie line. Well died within 15 minutes. Resumed air/mist. Well unloaded about 5 bbls of fluid then made heavy mist, fluid with minimal sand. Continued with air/mist until returns were reduced. Shutdown air unit, rig down off tubing. Trip tubing to 3,550'. Install and close TIW valve. Close and lock pipe rams. Well secured. Secured lease. Shutdown operations for the weekend.

11/14/2005 07:15 - 11/14/2005 17:00

Last 24hr Summary

SICP-1150 Psi

Bradenhead- 0 Psi

Held PJSA meeting on location. Talked about working safely. Talked about planned operations and associated hazards. Outlined safety topics related to planned operations. Blowdown casing pressure. Killed tubing with 8 bbls of 2% kcl water, pull string float assembly. Trip into well to tag fill, will install string float at 3,790'. Tagged no fill at 4,048'. Rig up air, start at 1,200 CFM with 3 BPH foam/mist. Well unloaded about 20 bbls of fluid, then made fluid/mist with no sand. Cut mist to see if returns would be reduced. Well returns slowed down. Cut air back to 700 CFM with no mist. Well started flowing fluid at +/- 7 BPH. Restarted mist and air at 1,200 CFM. Well continued to flow heavy mist, fluid with no sand. Shutdown air unit. Trip tubing to 3,790' to flow test Fruitland Coal zone. Kill tubing with 5 bbls of 2% kcl water. Removed string float assembly, install TIW valve. Rig up air to tubing. Start air at 1,200 CFM with no mist to unload kill fluid. Well unloaded kill fluid then made +/- 7 BPH fluid, with no sand. Shutdown air unit. Rig up flow testing assembly with a 1/2" choke installed. Flow test the Fruitland Coal zone (3,575'- 3,960') up the tubing to atmosphere thru the choke. (Choke coefficient: 6.6) FTP Avg.- 120 Psi. SICP - 260 Psi. Well started making heavy fluid, mist 10 minutes into testing period. No sand was noted. Testing indicated Fruitland Coal production at 792 MCFPD with 120.0- Bbls water per day, 0- Bbls of Oil per day, with no sand production. Test was witnessed by Rig Operator (S. Serna). Flow test complete, rig down flow test assembly. Kill tubing with 5 bbls of 2% kcl water, remove TIW valve. Trip tubing above Fruitland Coal perfs to 3,550'. Install and close TIW valve. Close and lock pipe rams. Well secured. Secured lease. Shutdown operations for the day.

11/15/2005 07:30 - 11/15/2005 16:45

Last 24hr Summary

SICP-1100 Psi SITP-1100 Psi

Bradenhead- 0 Psi

Held PJSA meeting on location. Talked about conducting safe job operations. Talked about upcoming logging, tripping operations. Talked about hazards and how to avoid those hazards. Outlined safety topics related to planned operations. Blowdown casing pressure. Tubing at 3,550'. Rig up slickline unit, tools. Ran slickline end of tubing tool to PBTD at 4,048', end of tubing was at 3,550'. Installed ProTechnics Spectra Scan tool onto slickline. Close pipe rams. Run Spectra Scan log over the Fruitland Coal zone (3,575'- 3,960'). Finished logging, checked tools to verify data was recorded. Data was recorded, rig down logging tools. Rig up Baker plug onto slickline tools. Run in with Baker plug and set in F-Nipple. Plug set, blow down tubing pressure. Rig down slickline unit and tools. Blowdown casing pressure, open blooie line. Start tripping 2 3/8" tubing, BHA out of the well. Kill well with 5 bbls of 2% kcl water to trip out last 10 stands. Out of well, nipple down BHA. Nipple up Production BHA. Install new stripping rubber. Start into well with 1- .33' x 2 1/16" Notched collar, 1- 1.08' x 1.5" I.D. x 2 1/16" Seat Nipple, 1- .80' x 2 1/16" x 2 3/8" Change-over, 1- 31.15' x 2 3/8" Mud Anchor, 1- .85' x 1.78" I.D. x 2 3/8" F-Nipple with Baker plug, 2 3/8" tubing from the derrick. Kill casing with 5 bbls of 2% kcl water. Install tubing hanger assembly. Land tubing, secured lockdown pins. Tubing landed at 4,005.32' K.B. Top of 1.78" I.D. F-Nipple at 3,971.11' K.B. Nipple down BOP assembly. Nipple up wellhead assembly, B-1 Flange, etc. Install TIW valve onto wellhead. Close all wellhead valves. Well secured. Secured lease. Shutdown operations for the day.

11/16/2005 07:30 - 11/16/2005 16:30

Last 24hr Summary

FINAL REPORT

SICP-1150 Psi

Bradenhead- 0 Psi

Held PJSA meeting on location. Talked about working safely. Talked about planned operations and associated hazards. Outlined safety topics related to planned operations. Blowdown casing pressure. Rig up H & H Wireline unit and tools. Pump 12 bbls of 2% kcl water down tubing. Run in with slickline to pull Baker plug from F-Nipple at 3,971.11'. Made 3 runs 1- with pressure disc puncturing tool, 2- with plug pulling tool. Pulled plug from F-Nipple. Rig down, release slickline unit. Rig up equipment to run pump and rods. Test function of insert rod pump at surface, tested good. Start into well with 1- 1" x 8' Sand Screen (12-slot), 1- 2" x 1 1/2" x 12' RWAC-ZDV Insert Rod Pump (COPC # 287), 2- 25' x 1 1/4" Sinker Bars, 156- 25' x 3/4" sucker rods, 1- 22' x 1 1/4" Polished Rod assembly. Used 3/4" circumferential cards while making up rod string. Seat pump into F-Nipple. Nipple up upper well assemblies. Set polished rod for soft tag. Test rod/tubing annulus to 500 Psi with 8 bbls 2%kcl fluid. Tested good. Released to 100 Psi, stroke pump up to 500 Psi. Tested good. Release pressure and drain and shut in well. Well secured. Start rigging down completion unit and associated equipment. Clean and secured lease. Operations completed. Will move equipment off wellsite on 11-17-05. Will notify Facilities Supervisor of completion of services on 11-17-05.

END OF WELL SCHEMATIC

Well Name: San Juan 32-8 #266A
 API #: 30-045-33049
 Location: 1405' FSL & 1531' FEL
Sec. 14 - T32N - R8W
San Juan County, NM
 Elevation: 7110' GL (above MSL)
 Drl Rig RKB: 13' above Ground Level
 Datum: Drl Rig RKB = 13' above GL

Patterson Rig: #749
 Spud: 22-Sep-05
 Spud Time: 0:00
 Date TD Reached: 28-Sep-08
 Release Drl Rig: 29-Sep-05
 Release Time: 8:00

Surface Casing

Date set: 22-Sep-05

Size 9 5/8 in
 Set at 228 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 228 ft
 TD of 12-1/4" hole 240 ft

Notified BLM @ 08:00 hrs on 20-Sep-05
 Notified NMOCD @ 08:00 hrs on 20-Sep-05

Production Casing

Date set: 28-Sep-05

Size 5 1/2 in 81 jts
 Set at 4095 ft 0 pups
 Wt. 17 ppf Grade J-55
 Hole Size 7 7/8 in Conn LTC
 Excess Cmt 160 % Top of Float Collar 4048 ft
 Pup Jt @ 3070 ft Bottom of Casing Shoe 4095 ft
 TD of 7-7/8" Hole 4100 ft

Notified BLM @ 20:50 hrs on 25-Sep-05
 Notified NMOCD @ 20:50 hrs on 25-Sep-05

9-5/8" 8 RD x 11" 3M Casing Head

☒ New
☐ Used

☒ New
☐ Used

TD of 7 7/8" Hole: 4100 ft

Surface Cement

Date cmt'd: 22-Sep-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: 08:00 hrs w/ 250 psi
 Final Circ Press: 75 psi @ 0.9 BPM
 Returns during job: YES
 CMT Returns to surface: 12 bbls
 Floats Held: No floats used
 W.O.C. for 6.00 hrs (plug bump to start NU BOP)
 W.O.C. for 13.50 hrs (plug bump to test csg)

Production Cement

Date cmt'd: 28-Sep-05

Lead : 665 sx Standard Class G Cement
+ 3.0% D079 Extender
+ 0.25 lb/sx D029 Cellophane Flakes
+ 0.20% D046 Antifoamer
2.61 cuft/sx, 1709.6 cuft at 11.7 ppg
 Tail : 300 sx 50/50 POZ : Standard cement
+ 2% D020 Bentonite
+ 5 lb/sx D024 Gilsonite
+ 0.25 lb/sx D029 Cellophane Flakes
+ 2% S001 Calcium Chloride
+ 0.15% D065 Dispersant
+ 0.10% D046 Antifoamer
1.27 cuft/sx, 381.0 cuft slurry at 13.5 ppg
 Displacement: 93.9 bbls
 Bumped Plug: 22:21 hrs w/ 1700 psi
 Final Circ Press: 950 psi @ 2.2 bpm
 Returns during job: Yes
 CMT Returns to surface: 50 BBLs
 Floats Held: X Yes ___ No

Schematic prepared by:
 Aaron Fuhr, Development Engineer
 03-October-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 @ 185'. Displaced top wiper plug with water. Shut in casing head and WOC before backing out landing jt. CENTRALIZERS @ 218', 143', 100' & 58'. Total: 4
5 1/2" Production	DISPLACED W/ 93.9 BBLs. PRODUCED WATER. CENTRALIZERS @ 4085', 4004', 3920', 3832', 3744', 3655', 217', 85' & 41'. TURBOLIZERS @ 2735', 2690', 2646', 2602' & 2558'. Total: 9 Total: 5