

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, 2000

1a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry Other
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Revert.
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 1752 FSL & 1320 FEL, NWSE Sec. 3, T31N R8W
At top prod. interval reported below
At total depth

14. Date Spudded
05/22/2005

15. Date T.D. Reached
06/24/2005

16. Date Completed
☐ D & A ☒ Ready to Prod.
07/17/2005

18. Total Depth: MD 3631
TVD 3631

19. Plug Back T.D.: MD 3629
TVD 3629

20. Depth Bridge Plug Set: MD
TVD

21. Type of Electric & Other Mechanical Logs Run (Submit copy of each)
mUD LOGS

22. 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 Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12.25	9.625H-40	32.3	0	232		150 sx		0	15 bbl
8.75	7.0 J-55	20.0	0	3328		525 sx		0	25 bbl
6.25	5.5 Liner	15.5	3195	3631		0			

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	3601							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Basin Fruitland Coal	3242	3550	3242-3550	.75	99	Open
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
	Underreamed 6.25" hole to 9.5" from 3240' to 3631'.

28. Production - Interval A

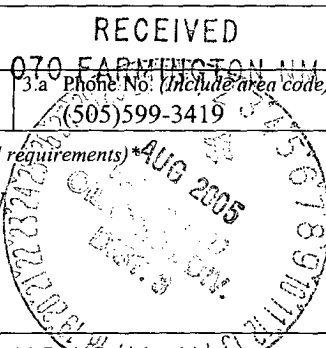
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
07/17/05	07/15/05	1	→	0	1948	0			Gas Pumping Unit
Choice Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
2" Pitot	n/a	40 psi	→						

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)

2005 JUL 27 PM 12:45



5. Lease Serial No.
NMSF079029

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and no.
NMNM78424B

8. Lease Name and Well No. 249 A/R
SAN JUAN 32-8 UNIT 249R

9. API Well No.
30-045-32751

10. Field and Pool, or Exploratory
BASIN FRUITLAND COAL

11. Sec., T., R., M., on Block and Survey or Area J Sec: 3 Twn: 31N

12. County or Parish SAN JUAN
13. State NM

17. Elevations (DF, RKB, RT, GL)*
6670 GL

ACCEPTED FOR RECORD

AUG 01 2005

FARMINGTON FIELD OFFICE
BY [Signature]

NNMOCD

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	1033
				Ojo Alamo	2350
				Kirtland	2418
				Fruitland	3183
				Top Coal MD	3353
				B. Main Coal MD	3457
				B. Lowest Coal MD	3549
				Top PCCF MD	3551

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. 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) Juanita Farrell

Title Regulatory Analyst

Signature

Juanita Farrell

Date 07/26/2005

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.

Well Name: San Juan 32-8 #249R
 API #: 30-045-32751
 Location: 1752' FSL & 1320' FEL
Sec. 3- T31N- R8W
San Juan County, NM
 Elevation: 6670' GI (above MSL)
 Drl Rig RKB: 13' above Ground Level
 Datum: Drl Rig RKB = 13' above GL

Note - this well is equipped with rods & pump
 7-1/16" 3M x 2-3/8" EUE 8rd Bonnet
 11" 3M x 7-1/16" 3M Tubing Head
 9-5/8" 8 RD x 11" 3M Casing Head

Patterson Rig: #747
 Spud: 22-May-05
 Spud Time: 19:30
 Release Drl Rig: 26-May-05
 Time Release Rig: 6:00
 Move In Cav Rig: 21-Jun-05
 Release Cav Rig: 17-Jul-05

Surface Casing Date set: 23-May-05
 Size 9 5/8 in
 Set at 232 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 232 ft
 TD of 12-1/4" hole 242 ft

Notified BLM @ 21:15 hrs on 21-May-05
 Notified NMOCD @ 21:15 hrs on 21-May-05

Intermediate Casing Date set: 25-May-05
 Size 7 in 75 jts
 Set at 3328 ft 0 pups
 Wt. 20 ppf Grade J-55
 Hole Size 8 3/4 in Conn STC
 Excess Cmt 160 %
 T.O.C. SURFACE Top of Float Collar 3183 ft
 Bottom of Casing Shoe 3228 ft
 Pup @ 0 ft TD of 8-3/4" Hole 3236 ft
 Pup @ 0 ft

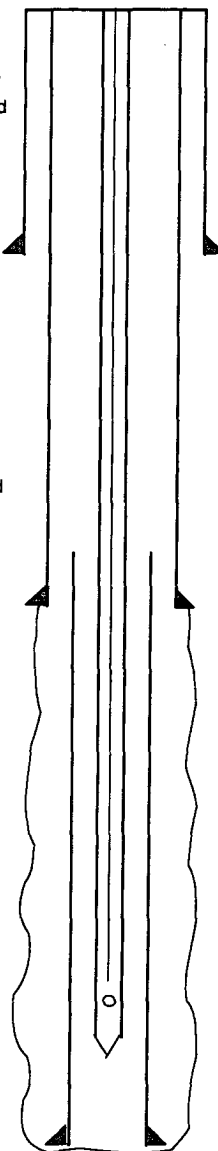
Notified BLM @ 15:00 hrs on 24-May-05
 Notified NMOCD @ 15:00 hrs on 24-May-05

Production Liner Date set: 14-Jul-05
 Size 5 1/2 in
 Nominal Wt. 15.5 ppf
 Grade J-55 Connections: _____
 # Jnts: 10
 Hole Size 6.25" / 9.5" inches
 Underreamed 6-1/4" hole to 9.5" from 3240' to 3631'
 Top of Liner 3195 ft
 PBTd _____ ft
 Bottom of Liner 3631 ft

☒ New
☐ Used

☒ New
☐ Used

☒ New
☐ Used



TD 3,631 ft

Surface Cement

Date cmt'd: 23-May-05
 Lead : 150 sx Class G Cement
 + 3% BWOC Calcium Chloride
 + 0.25 lb/sx D029 Cellohane Flakes
1.16 cuft/sx, 174.0 cuft slurry at 15.8 ppg
 Displacement: 15.0 bbls fresh wtr
 Bumped Plug at: 5:30 w/ 780 psi
 Final Circ Press: 90 psi @ 1.0 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 8.00 hrs (plug bump to test csg)

Intermediate Cement

Date cmt'd: 25-May-05
 Lead : 425 sx Class G cement
 + 3% D079 Extender
 + 0.25 lb/sx D029 Cellophane Flakes
 + 0.2% D046 Antifoam
 + 0.05 gal/sx D047 Anifoam
2.61 cuft/sx, 1109.25 cuft slurry at 11.7 ppg
 Tail : 100 sx 50/50 POZ : Standard cement
 + 2% Bentonite
 + 2% Calcium Chloride
 + 5 lb/sx Gilsonite
 + 0.25 lb/sx Flocele
 + 0.1% D046 Antifoam
1.27 cuft/sx, 127 cuft slurry at 13.5 ppg
 Displacement: 129 bbls
 Bumped Plug at: 21:10 hrs w/ 1610 psi
 Final Circ Press: 700 psi at 2 bpm
 Returns during job: YES
 CMT Returns to surface: 25
 Floats Held: X Yes ___ No

UNCEMENTED LINER

Schematic prepared by:
 Aaron Fuhr, Development Engineer
 22-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 @ 188'. Displaced top wiper plug with water. Shut in casing head and WOC before backing out landing jt. CENTRALIZERS @ 222', 145', 102' & 59'. Total: 4
7" Intermediate	Displaced w/ 129.0 bbls, 8.4 ppg slightly polymerized drill water. CENTRALIZERS @ 3218', 3140', 3053', 2966', 2879', 2793', 212', 82' & 40'. TURBOLIZERS @ 2577', 2534', 2490', 2447', 2404' & 2361'. Total: 9 Total: 6
5.5" Liner	Ran 6 1/4" bit and bit sub with float collar on bottom of liner. Ran and set the liner w/ TIW H-Latch Drop Off Tool (no liner hanger).
Perforations	Perforated 5-1/2" liner with guns on E-line at 4 spf, 0.75" diameter, 120 degree phased holes Perf. Intervals: 3529'-3550', 3516'-3522', 3418'-3420', 3402'-3416', 3436'-3458', 3350'-3368', 3310'-3314', 3276'-3278', 3268'-3270', 3262'-3264', 3256'-3258', 3248'-3250', 3242'-3244'
Tubing	2-3/8" Mud Anchor 33.6' long with 1/2" hole set below the upset, 2-3/8" x 2-1/16" EUE 8rd XO collar, 2-3/8" OD (1.78" ID) F-Nipple, and 113 jts 2-3/8" 4.7# J-55 EUE 8rd tubing Bottom of Mud Anchor at 3599'. Top of F-Nipple at 3564' MD RKB.
Pump & Rods	2" x 1-1/4" x 12' RHAC insert pump, 5 each 1 1/4" sinker bars, 136 3/4" x 25' rods, 1 ea 8', 6' and 4' 3/4" rod subs, and 1 ea 1-1/4" OD x 22' polished rod Set pump in F-Nipple at 3564' MD RKB

Regulatory Summary

ConocoPhillips

SAN JUAN 32 8 UNIT #249R

Initial Completion, 6/21/2005 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
300453275100	San Juan	New Mexico	NMPM-32N-08W-	1,752.00	S	1,320.00	E
Ground Elevation (ft)	Latitude (DMS)	Longitude (DMS)	Spud Date	Rig Release Date			
6,670.00	36° 55' 24" N	107° 39' 28" E	5/22/2005	5/26/2005			

6/21/2005 07:00 - 6/21/2005 19:00

Last 24hr Summary

PRE JOB SAFTY MEETING, RIG CREW & TRUCKING. LOAD EQUIPMENT, MOVE RIG & EQUIPMENT TO NEW LOCATION SPOT IN EQUIPMENT, SPOT RIG RAMP, SPOT RIG ON RAMP. RIG UP RIG, START RIGGING UP EQUIPMENT.

6/22/2005 07:00 - 6/22/2005 18:00

Last 24hr Summary

PRE JOB SAFTY MEETING. RIG UP EQUIPMENT, NIPPLE UP BOPS, RIG UP BLOOIE LINES, INSPECT DRILL COLLARS, REPLACED 6 COLLARS WITH BAD BOXES & PINS.

6/23/2005 07:00 - 6/24/2005 06:00

Last 24hr Summary

PRE JOB SAFTY MEETING. FINISH RIGGING UP, RIG UP TO PRESSURE TEST. PRESSURE TEST CASING, 250 PSI FOR 10/MIN, 1800 PSI FOR 30/MIN, HELD, PRESSURE TEST RAMS AS PER COPC REQUIREMENTS, HELD. MAKE UP 6-1/4 BIT & BIT SUB ON BOTTOM COLLAR, RUN IN HOLE WITH COLLARS. PICK UP & RUN IN HOLE WITH DP. TAG CMT, RIG UP SWIVEL, UNLOAD HOLE WITH AIR/MIST. START DRILLING OUT FLOAT COLLAR & CMT POWER UNIT BROKE DOWN. WAIT ON MECH TO REPAIR POWER UNIT DRILL OUT CMT, SHOE & OPEN HOLE, DRILLING OUT WITH 1800 CFM AIR/MIST, 8 BPH WATER, 1GAL FOAMER & 1/4 GAL INHIBITOR PER 10 BBLS, CIRCULATING PRESSURE 450 PSI.

6/24/2005 06:00 - 6/25/2005 06:00

Last 24hr Summary

DRILL OUT OPEN HOLE, DRILLING OUT WITH 1800 CFM AIR/MIST, 8 BPH WATER, 1GAL FOAMER & 1/4 GAL INHIBITOR PER 10 BBLS, CIRCULATING PRESSURE 450 PSI. CREW CHANGE, SAFTY MEETING, RIG SERVICE. DRILL OUT OPEN HOLETEO 3631', TD DRILLING OUT WITH 1800 CFM AIR/MIST, 8 BPH WATER, 1GAL FOAMER & 1/4 GAL INHIBITOR PER 10 BBLS, CIRCULATING PRESSURE 450 PSI. CIRCULATE HOLE CLEAN ON BOTTOM CUT OFF WATER, DRY UP HOLE, HOLE CONTINUED TO MAKE WATER, 1 TO 2 BPH. PULL BIT INTO 7", FOR FLOW TEST. FLOW TEST, 15/MIN-14 PSI-3.5 PETO=1050 MCF, 30/MIN-14 PSI-3.5 PETO=1050 MCF, 45/MIN-14.5 PSI-3.625 PETO=1178 MCF, 60/MIN-14.5 PSI-3.625 PETO=1178 MCF, SHUT IN FOR PRESSURE BUILD UP, ISIP=21 PSI, 15/MIN=154 PSI, 30/MIN=255 PSI, 45/MIN=280 PSI, 60/MIN=285 PSI, OPE UP BLOOIE LINES, TURN LOOSE AS NATURAL SURGE. POOH WITH BIT. MAKE UP UNDER REAMER, RUN IN HOLE TO 3238', RIG UP SWIVEL. OPEN UP UNDER REAMER, UNDER REAM OPEN HOLE, STARTING FROM 3240' WITH 1800 CFM AIR/MIST, 10 BPH WATER, 1 GAL FOAMER & 1/4 GAL INHIBITOR PER 10 BBLS, CIRCULATING PRESSURE 650 PSI.

6/25/2005 06:00 - 6/26/2005 06:00

Last 24hr Summary

UNDER REAMING OPEN HOLE, WITH 1800 CFM AIR/MIST, 10 BPH WATER, 1 GAL FOAMER & 1/4 GAL INHIBITOR PER 10 BBLS, CIRCULATING PRESSURE 650 PSI. CREW CHANGE, SAFTY MEETING, RIG SERVICE. UNDER REAMING OPEN HOLE TO 3631' WITH 1800 CFM AIR/MIST, 10 BPH WATER, 1 GAL FOAMER & 1/4 GAL INHIBITOR PER 10 BBLS, CIRCULATING PRESSURE 650 PSI. CIRCULATE HOLE CLEAN ON BOTTOM. POOH, LAY DOWN UNDER REAMER. MAKE UP BIT, RUN IN HOLE, CHECK FOR FILL, TAG 5' FILL, CLEAN OUT, UNLOADED 15 BBLS WATER, CIRCULATE HOLE CLEAN WITH AIR/MIST MAKE UP BIT, RUN IN HOLE, CHECK FOR FILL, TAG 5' FILL, CLEAN OUT, UNLOADED 15 BBLS WATER, CIRCULATE HOLE CLEAN WITH AIR/MIST FLOW TEST, 15/MIN16 PSI-4 PETO=1236 MCF 30/MIN16 PSI-4 PETO=1236 MCF 45/MIN16 PSI-4 PETO=1236 MCF 60/MIN16 PSI-4 PETO=1236 MCF. SHUT IN FOR PRESSURE BUILD UP, ISIP=30 PSI, 15/MIN=180 PSI, 30/MIN=250 PSI, 45/MIN=260 PSI, 60/MIN=273 PSI, OPEN UP BLOOIE LINES, RELEASED PRESSURE AS NATURAL SURGE. CONDUCT 4 PAD SURGES, START GETTING RETURNS AFTER SECOND SURGE, MOSTLEY FINE COAL WITH SOME CHIPS UP TO 1/2" IN SIZE.

6/26/2005 06:00 - 6/27/2005 06:00

Last 24hr Summary

CIRCULATING AT BOTTOM OF 7" WITH 1800 CFM AIR/MIST, 8 BPH WATER, 1GAL FOAMER & 1/4 GAL INHIBITOR PER 10 BBLS, WELL MAKING 3 BKTS PER HR COAL FINE GRANULAR TO 1/2" CHIPS. CREW CHANGE, SAFTY MEETING, RIG SERVICE. CIRCULATING AT BOTTOM OF 7" WITH 1800 CFM AIR/MIST, 8 BPH WATER, 1GAL FOAMER & 1/4 GAL INHIBITOR PER 10 BBLS, WELL MAKING 3 BKTS DOWN TO 1 BKT PER HR COAL FINE GRANULAR TO 1/2" CHIPS. CLEANING OUT FROM 3236' TO 3242' WITH 1800 CFM AIR/MIST, 8 BPH WATER, 1GAL FOAMER & 1/4 GAL INHIBITOR PER 10 BBLS, WELL MAKING 1 TO 2 BKTS PER HR COAL FINE GRANULAR TO 1/2" CHIPS. CLEANING OUTAT 3242' WITH 1800 CFM AIR/MIST, 8 BPH WATER, 1GAL FOAMER & 1/4 GAL INHIBITOR PER 10 BBLS, RETURNS IN CREASED TO 3 BKTS PER HR COAL FINE GRANULAR TO 1/2" CHIPS. RETURNS SLOWED TO 1 BKT PER HR MAKE CONECTION, CLEAN OUT FROMTO 3242' WITH 1800 CFM AIR/MIST, 8 BPH WATER, 1GAL FOAMER & 1/4 GAL INHIBITOR PER 10 BBLS, WELL MAKING 3 BKTS PER HR COAL FINE GRANULAR TO 1/2" CHIPS.

6/27/2005 06:00 - 6/28/2005 06:00

Last 24hr Summary

CLEANING OUT AT 3242' WITH 1800 CFM AIR/MIST, 8 BPH WATER, 1GAL FOAMER & 1/4 GAL INHIBITOR PER 10 BBLS, WELL MAKING 3 BKTS PER HR COAL FINE GRANULAR TO 1/2" CHIPS CREW CHANGE, SAFTY MEETING, RIG SERVICE. CLEANING OUT FROM 3242' TO 3550' WITH 1800 CFM AIR/MIST, 8 BPH WATER, 1 GAL FOAMER & 1/4 GAL INHIBITOR PER 10 BBLS, WELL MAKING 2 TO 3 BKTS PER HR COAL FINE GRANULAR TO 1/2" CHIPS. CLEANING OUT AT 3550" WITH 1800 CFM AIR/MIST, 8 BPH WATER, 1GAL FOAMER & 1/4 GAL INHIBITOR PER 10 BBLS, RETURNS INCREASED UP TO 6 BKTS PER HR COAL FINE GRANULAR TO 1/2" CHIPS. 90% COAL 10% SHALE. CLEANING OUT AT 3550' WITH 1800 CFM AIR/MIST, 8 BPH WATER, 1GAL FOAMER & 1/4 GAL INHIBITOR PER 10 BBLS, RETURNS SLOWED DOWN TO 3 BKTS PER HR COAL FINE GRANULAR TO 1/2" CHIPS.

6/28/2005 06:00 - 6/29/2005 06:00

Last 24hr Summary

CLEANING OUT AT 3550' WITH 1800 CFM AIR/MIST, 8 BPH WATER, 1GAL FOAMER & 1/4 GAL INHIBITOR PER 10 BBLS, RETURNS 3 BKTS PER HR COAL FINE GRANULAR TO 1/2" CHIPS. CREW CHANGE, SAFTY MEETING, RIG SERVICE. PULL BIT INTO 7", SHUT DOWN OPS FOR SAFTY STAND DOWN. SAFTY STAND DOWN. TIH FROM SHOE, TAG 20' NEW FILL. CLEANING OUT AT 3550' WITH 1800 CFM AIR/MIST, 8 BPH WATER, 1GAL FOAMER & 1/4 GAL INHIBITOR PER 10 BBLS, RETURNS 3 BKTS DOWN TO 1-1/2 BKTS PER HR COAL FINE GRANULAR TO 1/2" CHIPS.

6/29/2005 06:00 - 6/30/2005 06:00

Last 24hr Summary

CLEANING OUT AT 3550' WITH 1800 CFM AIR/MIST, 8 BPH WATER, 1GAL FOAMER & 1/4 GAL INHIBITOR PER 10 BBLS, RETURNS 1-1/2 BKTS PER HR COAL FINE GRANULAR TO 1/2" CHIPS. CREW CHANGE, SAFTY MEETING, RIG SERVICE. CLEANING OUT AT 3550' WITH 1800 CFM AIR/MIST, 8 BPH WATER, 1GAL FOAMER & 1/4 GAL INHIBITOR PER 10 BBLS, RETURNS 1-1/2 BKTS DOWN TO LESS THAN 1 BKT PER HR COAL FINE GRANULAR TO 1/2" CHIPS. PULL BIT INTO 7", CONDUCT 4 PAD SURGES, GOOD RETURNS OF MOSTLEY FINE GRANULAR COAL. CIRCULATE HOLE WITH BIT AT SHOE, WELL MAKING 2 BKTS PER HR. TIH FROM SHOE, TAG FILL AT 3420', CLEAN OUT AT 33420' WITH 1800 CFM AIR/MIST, 10 BPH WATER, 1GAL FOAMER & 1/4 GAL INHIBITOR PER 10 BBLS, RETURNS 4 BKTS PER HR COAL FINE GRANULAR TO 1/8" CHIPS.

6/30/2005 06:00 - 7/1/2005 06:00

Last 24hr Summary

CLEAN OUT AT 3420' WITH 1800 CFM AIR/MIST, 10 BPH WATER, 1GAL FOAMER & 1/4 GAL INHIBITOR PER 10 BBLS, RETURNS DOWN TO 3 BKTS PER HR COAL FINE GRANULAR TO 1/8" CHIPS. CREW CHANGE, SAFTY MEETING, RIG SERVICE. CLEAN OUT AT 3420' WITH 1800 CFM AIR/MIST, 10 BPH WATER, 1GAL FOAMER & 1/4 GAL INHIBITOR PER 10 BBLS, RETURNS 3 BKTS DOWN TO 1 BKT PER HR COAL FINE GRANULAR TO 1/8" CHIPS. CLEAN OUT FROM 3420' TO 3536' WITH 1800 CFM AIR/MIST, 10 BPH WATER, 1GAL FOAMER & 1/4 GAL INHIBITOR PER 10 BBLS, RETURNS INCREASED TO 4 BKTS PER HR COAL FINE GRANULAR TO 1/4" CHIPS. CLEAN OUT AT 3536' WITH 1800 CFM AIR/MIST, 10 BPH WATER, 1GAL FOAMER & 1/4 GAL INHIBITOR PER 10 BBLS, RETURNS 4 BKTS PER HR COAL FINE GRANULAR TO 1/4" CHIPS.

7/1/2005 06:00 - 7/2/2005 06:00

Last 24hr Summary

CLEAN OUT AT 3536" WITH 1800 CFM AIR/MIST, 10 BPH WATER, 1GAL FOAMER & 1/4 GAL INHIBITOR PER 10 BBLS, RETURN 3 BKTS PER HR COAL FINE GRANULAR TO 1/4" CHIPS. CREW CHANGE, SAFTY MEETING, RIG SERVICE. CLEAN OUT AT 3536" WITH 1800 CFM AIR/MIST, 10 BPH WATER, 1 GAL FOAMER & 1/4 GAL INHIBITOR PER 10 BBLS, RETURNS 3 BKTS DOWN TO 1-1/2 BKTS PER HR COAL FINE GRANULAR TO 1/4" CHIPS. MAKE CONECTION, CLEAN OUT TO 3550' WITH 1800 CFM AIR/MIST, 10 BPH WATER, 1GAL FOAMER & 1/4 GAL INHIBITOR PER 10 BBLS, RETURNS INCREASED TO 5 BKTS PER HR COAL FINE GRANULAR TO 1/4" CHIPS. CLEANING OUT AT 3550' WITH 1800 CFM AIR/MIST, 10 BPH WATER, 1GAL FOAMER & 1/4 GAL INHIBITOR PER 10 BBLS, RETURNS 1 TO 2 BBLS WATER PER HR, 5 BKTS PER HR COAL FINE GRANULAR TO 1/4" CHIPS.

7/2/2005 06:00 - 7/3/2005 06:00

Last 24hr Summary

CLEANING OUT AT 3550' WITH 1800 CFM AIR/MIST, 10 BPH WATER, 1GAL FOAMER & 1/4 GAL INHIBITOR PER 10 BBLS, RETURNS 1 TO 2 BBLS WATER PER HR, 5 BKTS PER HR COAL FINE GRANULAR TO 1/4" CHIPS. CREW CHANGE, SAFTY MEETING, RIG SERVICE. CLEANING OUT AT 3550' WITH 1800 CFM AIR/MIST, 10 BPH WATER, 1GAL FOAMER & 1/4 GAL INHIBITOR PER 10 BBLS, RETURNS 1 TO 2 BBLS WATER PER HR, 4 BKTS PER HR COAL FINE GRANULAR TO 1/4" CHIPS. CLEANING OUT AT 3550' WITH 1800 CFM AIR/MIST, 10 BPH WATER, 1GAL FOAMER & 1/4 GAL INHIBITOR PER 10 BBLS, MAKING 1 TO 2 BBLS WATER PER HR, RETURNS SLOWED TO 2 BKTS PER HR COAL FINE GRANULAR TO 1/4" CHIPS.

7/3/2005 06:00 - 7/4/2005 06:00

Last 24hr Summary

CLEANING OUT AT 3550' WITH 1800 CFM AIR/MIST, 10 BPH WATER, 1GAL FOAMER & 1/4 GAL INHIBITOR PER 10 BBLS, MAKING 1 TO 2 BBLS WATER PER HR, RETURNS 2 BKTS PER HR COAL FINE GRANULAR TO 1/4" CHIPS. CREW CHANGE, SAFTY MEETING, RIG SERVICE. CLEANING OUT AT 3550' WITH 1800 CFM AIR/MIST, 10 BPH WATER, 1GAL FOAMER & 1/4 GAL INHIBITOR PER 10 BBLS, MAKING 1 TO 2 BBLS WATER PER HR, RETURNS 2 BKTS DOWN TO LESS THAN 1 BKT PER HR COAL FINE GRANULAR TO 1/4" CHIPS. CUT OFF WATER, DRY UP HOLE PULL BIT INTO 7" FOR FLOW TEST. FLOW TEST, 15/MIN 24 PSI-6 PETO=1520 MCF, 30/MIN 24 PSI-6.5 PETO=1583 MCF, 45/MIN 24 PSI-6.5 PETO=1583 MCF, 60/MIN 27 PSI-6.75 PETO=1626 MCF. SHUT IN FOR BUILD UP, ISIP=42 PSI, 15/MIN=190 PSI, 30/MIN=250 PSI, 45/MIN=270 PSI, 60/MIN=284 PSI, SECURE WELL, SHUT DOWN FOR HOLIDAY.

7/5/2005 06:00 - 7/6/2005 06:00

Last 24hr Summary

PRE JOB SAFTY MEETING, CHECK PRESSURE, 290 PSI ON CASING. RELEASE PRESSURE AS NATURAL SURGE. CONDUCT 4 10 BBL PADDED SURGES, RETURNS LITE TO MED COAL FINES AFTER SECOND SURGE CIRCULATE HOLE AT SHOE, WITH 1800 CFM AIR/MIST, 10 BPH WATER, 1GAL FOAMER & 1/4 GAL INHIBITOR PER 10 BBLS, MAKING 1 TO 2 BBLS WATER PER HR, RETURNS 2 BKTS DOWN TO LESS THAN 1 BKT PER HR COAL FINE GRANULAR TO 1/4" CHIPS. TIH FROM SHOE, TAG FILL AT 3343, R&R CLEAN WITH 1800 CFM AIR/MIST, 10 BPH WATER, 1GAL FOAMER & 1/4 GAL INHIBITOR PER 10 BBLS, MAKING 1 TO 2 BBLS WATER PER HR, RETURNS 4 BKTS PER HR COAL FINE GRANULAR TO 1/4" CHIPS. HOLE STARTEDE GETTING TIGHT, PULL BIT INTO 7", LOST CIRCULATION ROTATOIN, COULD NOT MOVE PIPE. WORK PIPE FREE, CIRCULATE HOLE CLEAN AT SHOE. TIH FROM SHOE, TAG FILL AT 3350', R&R CLEAN OUT TO 3379' WITH 1800 CFM AIR/MIST, 10 BPH WATER, 1GAL FOAMER & 1/4 GAL INHIBITOR PER 10 BBLS, MAKING 1 TO 2 BBLS WATER PER HR, RETURNS 6 BKTS PER HR COAL FINE GRANULAR TO 1/4" CHIPS. 85 % COAL

7/6/2005 06:00 - 7/7/2005 06:00

Last 24hr Summary

R&R CLEANING OUT AT 3350', R&R CLEAN OUT TO 3379' WITH 1800 CFM AIR/MIST, 10 BPH WATER, 1GAL FOAMER & 1/4 GAL INHIBITOR PER 10 BBLS, MAKING 1 TO 2 BBLS WATER PER HR, RETURNS 6 BKTS PER HR COAL FINE GRANULAR TO 1/4" CHIPS. 85 % COAL PRE JOB SAFTY MEETING, CHECK PRESSURE, 290 PSI ON CASING. R&R CLEANING OUT AT 3350', R&R CLEAN OUT TO 3379' WITH 1800 CFM AIR/MIST, 10 BPH WATER, 1GAL FOAMER & 1/4 GAL INHIBITOR PER 10 BBLS, MAKING 1 TO 2 BBLS WATER PER HR, RETURNS 5 TO 6 BKTS PER HR COAL FINE GRANULAR TO 1/4" CHIPS. 85 % COAL

Regulatory Summary

ConocoPhillips

SAN JUAN 32 8 UNIT #249R

7/7/2005 06:00 - 7/8/2005 06:00

Last 24hr Summary

R&R CLEANING OUT AT 3350', R&R CLEAN OUT TO 3379' WITH 1800 CFM AIR/MIST, 10 BPH WATER, 1GAL FOAMER & 1/4 GAL INHIBITOR PER 10 BBLS, MAKING 1 TO 2 BBLS WATER PER HR, RETURNS 5 BKTS PER HR COAL FINE GRANULAR TO 1/4" CHIPS. 85 % COAL PRE JOB SAFTY MEETING, CREW CHANGE, RIG SERVICE. R&R CLEANING OUT AT 3379' WITH 1800 CFM AIR/MIST, 10 BPH WATER, 1GAL FOAMER & 1/4 GAL INHIBITOR PER 10 BBLS, MAKING 1 TO 2 BBLS WATER PER HR, RETURNS 5 BKTS DOWN TO 2 BKTS PER HR COAL FINE GRANULAR TO 1/4" CHIPS. 85 % COAL. MAKE CONECTION, R&R CLEANING OUT FROM 3379' TO 3410' WITH 1800 CFM AIR/MIST, 10 BPH WATER, 1GAL FOAMER & 1/4 GAL INHIBITOR PER 10 BBLS, MAKING 1 TO 2 BBLS WATER PER HR, RETURNS 4 TO 5 BKTS PER HR COAL FINE GRANULAR TO 1/4" CHIPS. 85 % COAL

7/8/2005 06:00 - 7/9/2005 06:00

Last 24hr Summary

R&R CLEANING OUT AT 3410' WITH 1800 CFM AIR/MIST, 10 BPH WATER, 1GAL FOAMER & 1/4 GAL INHIBITOR PER 10 BBLS, MAKING 1 TO 2 BBLS WATER PER HR, RETURNS 4 BKTS PER HR COAL FINE GRANULAR TO 1/4" CHIPS. 85 % COAL PRE JOB SAFTY MEETING, CREW CHANGE, RIG SERVICE. R&R CLEANING OUT AT 3410' WITH 1800 CFM AIR/MIST, 10 BPH WATER, 1GAL FOAMER & 1/4 GAL INHIBITOR PER 10 BBLS, MAKING 1 TO 2 BBLS WATER PER HR, RETURNS 4 BKTS PER HR COAL FINE GRANULAR TO 1/4" CHIPS. 85 % COAL

7/9/2005 06:00 - 7/10/2005 06:00

Last 24hr Summary

R&R CLEANING OUT AT 3410' WITH 1800 CFM AIR/MIST, 10 BPH WATER, 1GAL FOAMER & 1/4 GAL INHIBITOR PER 10 BBLS, MAKING 1 TO 2 BBLS WATER PER HR, RETURNS 4 BKTS PER HR COAL FINE GRANULAR TO 1/4" CHIPS. 85 % COAL PRE JOB SAFTY MEETING, CREW CHANGE, RIG SERVICE. R&R CLEANING OUT AT 3410' WITH 1800 CFM AIR/MIST, 10 BPH WATER, 1GAL FOAMER & 1/4 GAL INHIBITOR PER 10 BBLS, MAKING 1 TO 2 BBLS WATER PER HR, RETURNS 4 BKTS DOWN TO 1-1/2 BKTS PER HR COAL FINE GRANULAR TO 1/4" CHIPS. 85 % COAL, MAKE CONECTIONS, CLEAN OUT TO 3450', RETURNS INCREASED UP TO 4 BKTS PER HR. R&R CLEANING OUT AT 3450' WITH 1800 CFM AIR/MIST, 10 BPH WATER, 1GAL FOAMER & 1/4 GAL INHIBITOR PER 10 BBLS, MAKING 1 TO 2 BBLS WATER PER HR, RETURNS 4 TO 5 BKTS PER HR COAL FINE GRANULAR TO 1/4" CHIPS. 85 % COAL

7/10/2005 06:00 - 7/11/2005 06:00

Last 24hr Summary

R&R CLEANING OUT AT 3450' WITH 1800 CFM AIR/MIST, 10 BPH WATER, 1GAL FOAMER & 1/4 GAL INHIBITOR PER 10 BBLS, MAKING 1 TO 2 BBLS WATER PER HR, RETURNS 3 BKTS PER HR COAL FINE GRANULAR TO 1/4" CHIPS. 85 % COAL PRE JOB SAFTY MEETING, CREW CHANGE, RIG SERVICE. R&R CLEANING OUT AT 3450' WITH 1800 CFM AIR/MIST, 10 BPH WATER, 1GAL FOAMER & 1/4 GAL INHIBITOR PER 10 BBLS, MAKING 1 TO 2 BBLS WATER PER HR, RETURNS 3 DOWN TO 1 BKT PER HR COAL FINE GRANULAR TO 1/4" CHIPS. 85 % COAL MAKE CONECTIONS, CLEANING OUT TO 3550', RETURNS INCREASED UP TO 6 BKTS PER HR. R&R CLEANING OUT AT 3550' WITH 1800 CFM AIR/MIST, 10 BPH WATER, 1GAL FOAMER & 1/4 GAL INHIBITOR PER 10 BBLS, MAKING 1 TO 2 BBLS WATER PER HR, RETURNS 6 BKTS PER HR DOWN TO 3 BKTS PER HR COAL FINE GRANULAR TO 1/4" CHIPS. 85 % COAL

7/11/2005 06:00 - 7/12/2005 06:00

Last 24hr Summary

R&R CLEANING OUT AT 3550' WITH 1800 CFM AIR/MIST, 10 BPH WATER, 1GAL FOAMER & 1/4 GAL INHIBITOR PER 10 BBLS, MAKING 1 TO 2 BBLS WATER PER HR, RETURNS 3 BKTS PER HR COAL FINE GRANULAR TO 1/4" CHIPS. 85 % COAL PRE JOB SAFTY MEETING, CREW CHANGE, RIG SERVICE. R&R CLEANING OUT AT 3550' WITH 1800 CFM AIR/MIST, 10 BPH WATER, 1GAL FOAMER & 1/4 GAL INHIBITOR PER 10 BBLS, MAKING 1 TO 2 BBLS WATER PER HR, RETURNS 3 BKTS PER HR DOWN TO LESS THAN 1 BKT PER HR, COAL FINE GRANULAR TO 1/4" CHIPS. 85 % COAL CUT OFF WATER, DRY UP HOLE, PULL BIT INTO 7" FOR FLOW TEST. FLOW TEST, 15/MIN 26 PSI-7 PETO=1644 MCF, 30/MIN 29 PSI-7.25 PETO=1685 MCF, 45/MIN 30 PSI-7.5 PETO=1702 MCF, 60/MIN 32 PSI-8 PETO=1756 MCF. SHUT IN FOR BUILD UP, ISIP=54 PSI, 15/MIN=170 PSI, 30/MIN=210 PSI, 45/MIN=245 PSI, 60/MIN=255 PSI, 75/MIN=255 PSI, 90/MIN=260 PSI, 105/MIN=270 PSI, 120/MIN=270 PSI, RELEASED PRESSURE AS NATURAL SURGE, ONDUCT THREE NATURAL SURGES, BUILD UP FOR SURGE #1 15/MIN=170 PSI, 30/MIN=230 PSI, 45/MIN=250 PSI, 60/MIN=260 PSI, 75/MIN=265 PSI, 90/MIN=270 PSI, 105/MIN=270 PSI, 120/MIN=275 PSI, RELEASED SURGE, NO RETURNS, SURGE #2 15/MIN=175PSI, 30/MIN=235 PSI, 45/MIN=255 PSI, 60/MIN=260 PSI, 75/MIN=265 PSI, 90/MIN=270 PSI, 105/MIN=270 PSI, 120/MIN=275 PSI, RELEASED SURGE, RETURNS LITE MIST, SURGE #3, 15/MIN=180 PSI, 30/MIN=240 PSI, 45/MIN=255 PSI, 60/MIN=260 PSI, 75/MIN=265 PSI, 90/MIN=270 PSI, 105/MIN=275 PSI, 120/MIN=275 PSI, RELEASED SURGE, RETURNS LITE MIST, SURGE

7/12/2005 06:00 - 7/13/2005 06:00

Last 24hr Summary

CIRCULATE HOLE AT SHOE, MAKE SURE CASING WAS CLEAN BEFORE CHECKING FOR FILL PRE JOB SAFTY MEETING, CREW CHANGE, RIG SERVICE. TIH FROM SHOE, TAG BRIDG AT 3370', CLEAN OUT FROM 3370' TO 3475' WITH 1800 CFM AIR/MIST, 10 BPH WATER, 1GAL FOAMER & 1/4 GAL INHIBITOR PER 10 BBLS, MAKING 1 TO 2 BBLS WATER PER HR, RETURNS 3 BKTS PER HR, COAL FINE GRANULAR TO 1/4" CHIPS. 85 % COAL. R&R CLEANING OUT AT 3475' WITH 1800 CFM AIR/MIST, 10 BPH WATER, 1GAL FOAMER & 1/4 GAL INHIBITOR PER 10 BBLS, MAKING 1 TO 2 BBLS WATER PER HR, RETURNS INCREASED UP TO 5 BKTS PER HR COAL FINE GRANULAR TO 1/4" CHIPS. 85 % COAL R&R CLEANING OUT AT 3475' WITH 1800 CFM AIR/MIST, 10 BPH WATER, 1GAL FOAMER & 1/4 GAL INHIBITOR PER 10 BBLS, MAKING 1 TO 2 BBLS WATER PER HR, RETURNS SLOWD TO 2 BKTS PER HR COAL FINE GRANULAR TO 1/4" CHIPS. 85 % COAL MAKE CONECTIONS, GOING IN HOLE CLEANING OUT TO 3536' WITH 1800 CFM AIR/MIST, 10 BPH WATER, 1GAL FOAMER & 1/4 GAL INHIBITOR PER 10 BBLS, MAKING 1 TO 2 BBLS WATER PER HR, RETURNS SLOWD TO 2 BKTS PER HR COAL FINE GRANULAR TO 1/4" CHIPS. 85 % COAL

Regulatory Summary

ConocoPhillips

SAN JUAN 32 8 UNIT #249R

7/13/2005 06:00 - 7/14/2005 06:00

Last 24hr Summary

CLEANING OUT TO 3536', WITH 1800 CFM AIR/MIST, 10 BPH WATER, 1GAL FOAMER & 1/4 GAL INHIBITOR PER 10 BBLS, MAKING 1 TO 2 BBLS WATER PER HR, RETURNS 2 BKTS PER HR COAL FINE GRANULAR TO 1/4" CHIPS. 85 % COAL PRE JOB SAFTY MEETING, CREW CHANGE, RIG SERVICE. CLEANING OUT TO 3536', WITH 1800 CFM AIR/MIST, 10 BPH WATER, 1GAL FOAMER & 1/4 GAL INHIBITOR PER 10 BBLS, MAKING 1 TO 2 BBLS WATER PER HR, RETURNS 2 BKTS DOWN TO 1 BKT PER HR COAL FINE GRANULAR TO 1/4" CHIPS. 85 % COAL, MAKE CONECTIONS, GO IN HOLE CLEANING OUT FROM 3536' TO 3631' WITH 1800 CFM AIR/MIST, 10 BPH WATER, 1GAL FOAMER & 1/4 GAL INHIBITOR PER 10 BBLS, MAKING 1 TO 2 BBLS WATER PER HR, RETURNS 3 BKTS PER HR COAL FINE GRANULAR TO 1/4" CHIPS. 85 % COAL CLEANING OUT AT 3631' WITH 1800 CFM AIR/MIST, 10 BPH WATER, 1GAL FOAMER & 1/4 GAL INHIBITOR PER 10 BBLS, MAKING 1 TO 2 BBLS WATER PER HR, RETURNS DOWN TO LESS THAN 1 BKT PER HR COAL FINE GRANULAR TO 1/4" CHIPS. 85 % COAL SHORT TRIP BIT TO 7", WAIT 1 HR, TIH TO 3631', NO FILL. CIRCULATE HOLE WITH AIR/MIST, MAKE SURE HOLE WAS CLEAN. POOH, STAND BACK DP, LAY DOWN DCS.

7/14/2005 06:00 - 7/15/2005 19:00

Last 24hr Summary

CHANGING OVER TO RUN 5-1/2 LINER. PRE JOB SAFTY MEETING, CREW CHANGE, RIG SERVICE. WAIT ON LINER HAND MAKE UP H-LATCH LINER TOOL, MAKE UP ON JT OF DP, LAY ON CAT WALK, PICK UP & RUN IN HOLE WITH 10 JTS 5-1/2" 15.50 LT&C CASING WITH XO & 6-1/4" BIT ON BOTTOM OF CASING, CHANGE OVER, PICK UP, MAKE UP H-LATCH LINER ON/OFF TOOL, RUN IN HOLE. TIH WITH LINER & DP, TAG FILL AT 3616', CIRCULATE, WORK LINER TO TD. J-OFF H-LATCH TOOL, LINER SET AT 3631', TOP OF LINER AT 3195' WITH 41' OVER LAP. POOH, LAYING DOWN DP, SHUT IN SECURE WELL FOR NIGHT.

7/15/2005 07:00 - 7/16/2005 19:00

Last 24hr Summary

PRE JOB SAFTY MEETING, CHECK PRESSURE, 300 PSI, OPEN UP BLEED OFF PRESSURE. RIG UP BLUE JET, LOG & PERFERATE HOLE, PERF INTERVALS AS FOLLOWS, 3529'-3550', 3516'-3522', 3418'-3420', 3402'-3416', 3436'-3458', 3350'-3368', 3310'-3314', 3276'-3278', 3268'-3270', 3262'-3264', 3256'-3258', 3248'-3250', 3242'-3244', RIG DOWN BLUE JET. BLEED OFF WELL, FLOW TEST, 15/MIN 32 PSI-8-PETO=1756 MCF, 30/MIN 36 PSI-9-PETO=1868 MCF, 45/MIN 36 PSI-9-PETO=1868 MCF, 60/MIN 40 PSI-10-PETO=1948 MCF. MAKE UP BHA, RUN IN HOLE WITH 2 1/16" SAW TOOTH COLLAR, 2 1/16" X 1.5 SEATING NIPPLE, 2 1/16" X 2 3/8" XO, 2 3/8" MUD ANCHOR WITH 1/2" HOLE DRILLED BELOW UPSET, 2 3/8" X 1.78" F-NIPPLE & 113 JTS OF 2 3/8" TUBING, LAND TUBING WITH F-NIPPLE AT 3565', (EOT) AT 3601'. RIG UP B&R, RETRIEVE SLICK LINE PLUG IN F-NIPPLE, RIG DOWN B&R, SHUT IN SECURE WELL FOR NIGHT.

7/16/2005 07:00 - 7/17/2005 19:00

Last 24hr Summary

PRE JOB SAFTY MEETING, CHECK PRESSURE, 300 PSI, BLEED OFF. PICK UP & RUN IN HOLE WITH 2" X1-1/4"X 12.6" RHAC INSERT PUMP, 5, 1-1/4"X25' SINKER BARS, 136-3/4"X25' RODS, 1-3/4"X8', 1-3/4"X6', 2-3/4"X4' ROD SUBS & 1-1 1/4"X22' POLISHED ROD. SPACE OUT & SEAT PUMP, LOAD TBG WITH PROD WATER, PRESSURE TEST TO 500 PSI, HELD, BLEAD OFF PRESSURE, STROKE PUMP WITH RIG, PUMPED UP TO 500 PSI, HELD. RIGGING DOWN.

7/17/2005 19:00 - 7/18/2005 19:00

Last 24hr Summary

PRE JOB SAFTY MEETING. RIG DOWN RIG & EQUIPMENT, PREPAIR FOR RIG MOVE.