

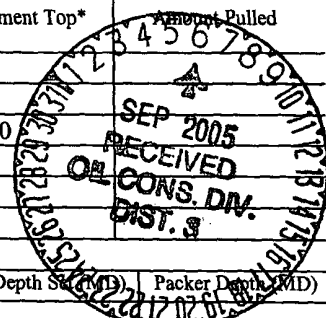
UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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

1a. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Dry Other		5. Lease Serial No. NMSF079289-A							
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 78413 A							
3. Address P.O. Box 2197, WL3-6081 Houston Tx 77252		8. Lease Name and Well No. San Juan 28-7 Unit 233F							
3.a Phone No. (Include area code) (832)486-2463		9. API Well No. 30-039-26967C 2							
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At Surface Sec 14 T28N R7W NWNW 155FNL 270FWL At top prod. interval reported below At total depth		10. Field and Pool, or Exploratory Blanco Mesaverde/Basin Dakota							
14. Date Spudded 04/19/2005		15. Date T.D. Reached 04/26/2005							
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 08/08/2005		17. Elevations (DF, RKB, RT, GL)* 6177' GL							
18. Total Depth: MD 7400 TVD		19. Plug Back T.D.: MD 7396 TVD							
20. Depth Bridge Plug Set: MD TVD		21. Type of Electric & Other Mechanical Logs Run (Submit copy of each) CBL; RST; 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
12.25	9.625 H40	32.3	0	213		150		0	
8.75	7 J-55	20	0	3433		570		0	
6.25	4.5	11.6	0	7399		445		2500	
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	7200								
25. Producing Intervals				26. Perforation Record					
Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status			
A) Blanco Mesaverde	4546	5202	4546' - 4692'	.34	53	Open			
B)			5088' - 5202'	.34	61	Open			
C)									
D)									
27. Acid, Fracture, Treatment, Cement Squeeze, Etc.									
Depth Interval	Amount and Type of Material								
4546' - 4692'	Frac'd w/60Q FR-26 foam w/sandwedge; 100,000# 20/40 Brady sand; 1,406,220 SCF & 1500 bbls fluid								
5088' - 5202'	Frac'd w/60 Q slickfoam w/sandwedge; 125,000# 20/40 Brady sand; 1,421,000 SCF N2 & 1560 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
8/8/05	8/3/05		→	1	2706	12			Flows from Well
Choice Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
1/2	700	600	→					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

SEP 01 2005

FARMINGTON FIELD OFFICE
BY [Signature]

NMOCD

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	829
				Ojo Alamo	1971
				Kirtland	2154
				TJG Fruitland	2690
				Pictured Cliff	2901
				Otero Chacra	3854
				Cliffhouse	4546
				Pt. Lookout	5084
				Gallup	6348
				Greenhorn	7040
				Cubero	7262

32. Additional remarks (include plugging procedure):

Downhole commingled well producing from the Blanco Mesaverde and Basin Dakota. Daily summary report and Wellbore schematic are 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 Specialist

Signature

Chris GustartisDate 08/24/2005

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, 05/05/2005 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
300392696700	RIO ARRIBA	NEW MEXICO	NMPM-28N-07W-14-D	155.00	N	270.00	W
Ground Elevation (ft)	Latitude (DMS)	Longitude (DMS)	Spud Date	Rig Release Date			
6,177.00	36° 40' 4.9188" N	107° 33' 1.4112" W					

05/05/2005 06:00 - 05/05/2005 14:00

Last 24hr Summary

Held safety meeting. RU Schlumberger. Pressured up on 4 1/2" CSG to 1500 #. Ran CBL log from 7387' to 2250'. Top of cement @ 2500'. Ran RST log from 7387' to 1800'. Ran GR/ccl log from 7387' TO surface. RD Schlumberger. Tested 4 1/2" csg to 4800 # for 30 min. Held ok. SWI. RD Woodgroup

05/27/2005 14:00 - 05/27/2005 17:00

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 7144' - 7164' W/ 1 SPF, 7182' - 7192' W/ 1 SPF, 7264' - 7278' W/ 1 SPF, 7294' - 7298' w/ 1 spf, 7307' - 7311' w/ 1 spf, 7328' - 7336' w/ 1 spf. A total of 66 holes @ 0.34 DIA. RD Computalog.

05/28/2005 06:00 - 05/28/2005 12:00

Last 24hr Summary

Held safety meeting. RU Halliburton & Isolation tool. Fac'd the Dakota. Tested lines to 5800 #. Set pop off @ 4300 #. Broke down formation @ 5 bpm @ 1691 #. Pump pre pad @ 45 bpm @ 3012 #. Stepped down rate to 30 bpm @ 2438 #. Stepped down rate to 20 bpm @ 2117 #. Stepped down rate to 10 bpm @ 1727 #. ISIP 1612 #. 5 min 1092 #. 10 min 789 #. 15 min 590 #. 20 min 438 #. 25 min 327 #. 30 min 254 #. Pumped 1000 gals of 15% HCL acid @ 5 bpm @ 1385 #. Frac'd the Dakota w/slickwater @ 1.25 g/mg FR, 35,000 # 20/40 Econoprop. treated 100% of proppant volume with sandwedge. & 3136 bbls fluid. Avg rate 53 bpm. Avg pressure 3521 #. Max pressure 3980 #. Max sand cons .40 # per gal. ISIP 2417 #. Frac gradient .66. SWI. RD Halliburton

06/02/2005 08:00 - 06/03/2005 12:00

Last 24hr Summary

Held PJSM. Discussed days events and ways to prevent incident. Filled out and reviewed JSA.

RU Computalog, MU and Rih and set CBP @ 5310'. BWD, Pooh. MU and Rih w/ 3 1/8" HSC 120^ pp charges w/ 12g 321T @ 0.34" dia. Correlate from Schlumberger GR/CCL/TDT log to get on depth. Perforated PLO sands as follows: 5088'-5106', 5120'-5138', 5148'-5156', 5167'-5171', 5194'-5202'. For a total of 61 0.34" dia holes. RD Computalog. Secure well SDFN.

06/04/2005 07:00 - 06/05/2005 17:30

Last 24hr Summary

Held safety meeting. RU Halliburton. . Frac'd the Pointlookout. Tested lines to 5770 #. Set pop off @ 4300 #. Broke down formation @ 3 bpm @ 1580 #. Pumped pre pad @ 41 bpm @ 2709 #. Stepped down rate to 37 bpm @ 1918 #. Stepped down rate to 28 bpm @ 1180 #. Stepped down rate to 17 bpm @ 650 #. ISIP 0 #. Pumped 1000 gals of 15% HCL acid @ 5 bpm @ 16 #. Frac'd the Mesaverde w/ 60 Q slick foam w/ Sand wedge, 125,000 # 20/40 Brady sand, Treated the last 19% of proppant volume with Sand wedge for proppant flowback control, 1,421,000 SCF N2 & 1560 bbls fluid. Avg rate 56 bpm. Avg pressure 2457 #. Max pressure 2782 #. Max sand cons 1.80 # per gal. ISIP 112 #. Frac gradient .45

RU Computalog. MU and Rih w/ halliburton 4" CBP and set @ 4750'. Pooh. MU and Rih w/ 3 1/8" HSC 120^ PP charges w/ 12 321t @ 0.34" dia and perforate Cliff House as follows: 4546'- 4554', 4586'- 4598', 4643'- 4655', 4666'- 4674', 4684'- 4692'. All shot are 1 SPF for a total of 53 holes. RD Computalog.

Held safety meeting. RU Halliburton. . Frac'd the Cliff House. Tested lines to 5700 #. Set pop off @ 4300 #. Broke down formation @ 3 bpm @ 1580 #. Pumped pre pad @ 40 bpm @ 2963 #. Stepped down rate to 30 bpm @ 1744 #. Stepped down rate to 20 bpm @ 1157 #. Stepped down rate to 10 bpm @ 650 #. ISIP 0 #. Pumped 1000 gals of 15% HCL acid @ 5 bpm @ 342 #. Frac'd the Mesaverde w/ 60 Q FR-26 foamw/ Sand wedge, 100,000 # 20/40 Brady sand, Treated the last 19% of proppant volume with Sand wedge for proppant flowback control, 1,406,220 SCF N2 & 1500 bbls fluid. Avg rate 56 bpm. Avg pressure 2760 #. Max pressure 2900 #. Max sand cons 1.50 # per gal. ISIP 1914 #. Frac gradient .53 SWI. RD service companys and release.

07/22/2005 11:30 - 07/22/2005 17:00

Last 24hr Summary

MOVE UNIT AWAY FROM WELL HEAD, SECURE ALL LINES ON UNIT, PRETRIP UNIT, PRETRIP SAFETY MEETING
ROAD RIG TO NEW LOCATION
SPOT RIG ON LOCATION, SECURE LOCATION, SDF WEEKEND

07/25/2005 07:00 - 07/25/2005 19:00

Last 24hr Summary

JSA, DISCUSS: PINCH POINTS, RIGGING UP EQUIPMENT, PROPER LIFTING, HEAT & DEHYDRATION

SERVICE, START & WARM UP UNIT

WAITING ON TRUCKS TO DELIVER THE REST OF THE EQUIPMENT, ROADS ARE VERY MUDDY

TRUCKS & EQUIPMENT ON LOC, SPOT RIG MATTING BOARD, POSITION RIG TO WELL HEAD, RU UNIT, RU RIG PUMP & PIT, RU MANIFOLD & BLEEDOFF LINES TO WH & BLOW PIT, RU AIR PACKAGE

PUMP 40 BBLs OF 2% KCL WATER DOWN CASING TO KILL WELL, OPEN MASTER FRAC VALVE, INSTALL TUBING HANGER w/ BULL PLUG IN BOTTOM INTO TUBING HANGER HEAD, LOCK DOWN TUBING HANGER w/ LOCK DOWN BOLTS, ND FRAC VALVE & SPOOL, NUBOP, RU FLOOR, RU POWER TONGS

WO ROUSTABOUT CREW TO RU BLOOIE LINE

RU BLOOIE LINE & CEMENT PADS

SECURE WELL & LOCATION, SDFN

07/26/2005 06:45 - 07/26/2005 17:00

Last 24hr Summary

JSA, DISCUSS: PRESSURE TESTING, PU TUBING, CLEANOUT, PINCH POINTS, PROPER LIFTING
 CASING PRESSURE 650 PSI, RU BOP TESTER, TEST BOP, LOW 250 PSI, HIGH 3000 PSI, HELD OK, BWD THROUGH CASING VALVE
 RD BOP TESTER, KILL WELL w/ 40 BBLS OF 2% KCL WATER, PULL TUBING HANGER & LD
 PU 3-7/8" MILL, STRAP & PU 2-3/8" TUBING WORK STRING, WELL FLOWING 12 - 13 BPH WATER & HEAVY SAND RETURNS
 TAG FILL @ 4660', TEST AIR PACKAGE DISCHARGE LINE, TEST TO 1500 PSI, HELD OK, RELEASE PRESSURE
 ESTABLISH CIRCULATION DOWN TUBING w/ 1500 CFM AIR & 5.5 BPH 2% KCL MIST w/ 1 GALLON FOAMER & 1/2 GALLON INHIBITOR PER 10 BBLS
 CIRCULATION ESTABLISHED, RETURNS OF 9 - 10 BPH OF FOAMED MIST WATER, HEAVY SAND (5 CUPS A MINUTE), CLEANOUT FILL
 CLEANOUT SAND, TAG CBP @ 4750', BLOW WELL CLEAN, AIR @ 800 SCFM & MIST @ 2.5 BPH, RETURNS OF HEAVY TO MEDIUM SAND, 8 BPH
 WATER
 SAND DEMINISHED TO LIGHT RETURNS, WATER @ 4 BPH
 SD AIR, PUH TO 4490', SWI, SECURE WELL & LOCATION, SDFN

07/27/2005 06:00 - 07/27/2005 17:00

Last 24hr Summary

COPC QUARTERLY SAFETY MEETING w/ FULL CREW
 TRAVEL FROM SAFETY MEETING TO LOCATION
 CASING PRESSURE @ 600 PSI, BWD, SERVICE, START & WARM UP EQUIPMENT
 RIH, TAG FILL @ 4747' (3' OF FILL), PUH TO 4550', RU TO FLOW TEST CLIFFHOUSE FORMATION
 FLOW TEST WELL UP BACK SIDE THROUGH 2" BLEEDOFF LINE w/ 1/2" CHOKE IN LINE, INITIAL FLOW PRESSURE @ 300 PSI, NO FLUID OR
 SAND RETURNS, AFTER 3-1/2 HOUR FLOW PRESSURE STABILIZED @ 180 PSI, LIGHT MIST (1/2 BPH), NO SAND, END OF FLOW TEST
 PRESSURE @ 180 PSI, LIGHT MIST, NO SAND
 SWI, SECURE WELL & LOCATION, SDFN

07/28/2005 07:00 - 07/28/2005 17:00

Last 24hr Summary

JSA, DISCUSS: HEAT & DEHYDRATION, TRIPPING TUBING, PU POWER SWIVEL, PINCH POINTS, SNUB LINES, TAG LINES
 CASING PRESSURE @ 580 PSI, BWD, SERVICE, START & WARM UP EQUIPMENT
 OPEN TUBING RAMS, RIH, TAG FILL @ 4745', PU & RU POWER SWIVEL, REPAIR CASE DRAIN LINE CONNECTION
 ESTABLISH CIRCULATION, PUMP 1500 CFM AIR & 5.5 BPH 2% KCL MIST w/ 1 GALLON FOAMER & 1/2 GALLON INHIBITOR PER 10 BBLS
 CIRCULATION ESTABLISHED, RETURNS OF 7 - 8 BPH WATER & MEDIUM SAND, NO CONDENSATE, CLEANOUT TO CBP, DOCBP, CLEANOUT 1
 JOINT BELOW CBP, BLOW WELL CLEAN
 HANG BACK POWER SWIVEL, PU TUBING, TAG FILL @ 5200' (2' ABOVE BOTTOM PERF), RU POWER SWIVEL
 ESTABLISH CIRCULATION, PUMP 1500 CFM AIR & 5.5 BPH 2% KCL MIST w/ 1 GALLON FOAMER & 1/2 GALLON INHIBITOR PER 10 BBLS
 CIRCULATION ESTABLISHED, RETURNS OF 7 - 8 BPH WATER & MEDIUM SAND, NO CONDENSATE, CLEANOUT FROM 5200' TO 5300', HEAVY
 SAND @ BEGINNING, DEMINISHED TO TRACE OF SAND, SD MIST PUMP, BLOW WELL DRY
 SD AIR, PUH TO 4493', SECURE WELL & LOCATION, SDFN

07/29/2005 07:00 - 07/29/2005 16:00

Last 24hr Summary

JSA, DISCUSS: TRIPPING TUBING, PROPER LIFTING, WALKING HAZARDS, SNAKES, DEHYDRATION
 CASING PRESSURE @ 650 PSI, BWD, SERVICE, START, & WARM UP EQUIPMENT, OPEN TUBING RAMS
 TOOH w/ 3-7/8" MILL, LD MILL
 PU HALF MULE SHOE COLLAR & 2-3/8" "F" NIPPLE w/ 1.81 ID, TIH w/ TUBING, TAG FILL @ 5258', PUH TO 5121', PUMP 3 BBLS OF 2% KCL WATER
 INTO TUBING
 WOSL TO ARRIVE ON LOCATION
 RUSL, TIH w/ SL TO RETRIEVE PLUG FROM "F" NIPPLE, RDSL
 SECURE WELL & LOCATION, SDFN

08/01/2005 07:00 - 08/01/2005 16:00

Last 24hr Summary

JSA, DISCUSS: CLEANING OUT, FLOW TESTING, PINCH POINTS, FIRE HAZARDS, HEAT & DEHYDRATION. CASING, 600 PSI, TUBING 630 PSI,
 BWD, OPEN TUBING RAMS, SERVICE, START & WARM UP EQUIPMENT. RIH, TAG FILL @ 5255', RU CHICKSEN & KELLY HOSE.
 ESTABLISH CIRCULATION, PUMP 1500 CFM AIR & 5.5 BPH 2% KCL MIST w/ 1 GAL FOAMER & 1/2 GALLON INHIBITOR PER 10 BBLS.
 CIRCULATION ESTABLISHED, RETURNS OF 9 BPH WATER, HEAVY SAND RETURNS, CLEANOUT FROM 5255' TO 5310', BLOW WELL TO
 CLEANUP, SAND DEMINISHED TO TRACE, REDUCE MIST TO 2 BPH. SD AIR & MIST PUMP, PUH TO 4550', FLOW WELL UP TUBING w/ 1/2"
 CHOKE IN LINE, FLOW PRESSURE @ 300 PSI. PUMP 4 BBLS 2% KCL WATER DOWN TUBING TO KILL TUBING, PUH TO 4461', RU FLOW TEE
 FOR SL & COMPLETION PROFILER LOG, SECURE WELL & LOCATION, SDFN.

08/02/2005 06:00 - 08/02/2005 13:00

Last 24hr Summary

CONTRACTOR MONTHLY SAFETY MEETING @ CONTRACTORS YARD. TRAVEL FROM SAFETY MEETING TO LOCATION. JSA, DISCUSS: HIGH
 PRESSURE, FLOWING WELL, HEAT & DEHYDRATION, SNAKES. CASING PRESSURE @ 600 PSI, TUBING PRESSURE @ 700, SERVICE, START &
 WARM UP EQUIPMENT, BWD. FLOW WELL, WOSL & COMPLETION PROFILER LOGGER. SL & LOGGER NOT AVAILABLE UNTIL TOMORROW,
 SWI, SECURE WELL & LOCATION, SDFN.

08/03/2005 07:00 - 08/03/2005 16:30

Last 24hr Summary

JSA, DISCUSS: BWD, RU & RD SL, PINCH POINTS, HEAT & DEHYDRATION, TRIPPING TUBING
CASING PRESSURE @ 600 PSI, TUBING PRESSURE @ 700 PSI, BWD, SERVICE, START & WARM UP EQUIPMENT
RUSL FOR COMPLETION PROFILER LOG
TIH w/ SL, TAG FILL @ 5261' (49' OF FILL), TAG EOT @ 4466', TOOH w/ SL
PU PROFILER LOG, TIH w/ PROFILER LOG ON SL, WELL CLOSED IN, GET STATIC BHT & BHP, OPEN 2" BLEED LINE w/ 1/2" CHOKE IN LINE, LET
WELL STABILIZE, RUN COMPLETION PROFILER LOG, SI WELL, TOOH w/ LOGGING TOOL, DOWN LOAD DATA, DATA GOOD LOG GOOD, RD
LOGGING TOOL, AVERAGE TUBING FLOWING PRESSURE @ 410 PSI, BHT @ 159 DEG.F., BHP @ 540 PSI, FLUID LEVEL @ 5196', RETURNS OF
1/2 BPH MIST w/ TRACE AMOUNT OF CONDENSATE, LIGHT SAND (1/8 CUP PER HOUR),
TIH w/ SL, SET PRESSURE PLUG IN "F" NIPPLE, TOOH, BDT, RD SL, RD FLOW TEE OFF OF TUBING, BWD
REMOVE TIW VALVE, OPEN TUBING PIPE RAMS, TOOH w/ TUBING & "F" NIPPLE, WITH 190' OF TUBING IN HOLE PUMP 40 BBLS 2% KCL
WATER DOWN CASING TO KILL WELL, FINISH TOOH
PU 3-7/8" MILL, TIH w/ MILL & TUBING TO 4964', CLOSE TUBING RAMS
SECURE WELL & LOCATION, SDFN

08/04/2005 07:00 - 08/04/2005 16:30

Last 24hr Summary

JSA, DISCUSS: TRIPPING TUBING, HIGH PRESSURE IN WELL, PU TUBING, WATCHING SSE, HOUSEKEEPING. CASING 650 PSI, BWD,
SERVICE, START & WARM UP EQUIPMENT.
RIH, TAG FILL @ 5210', RU CHICKSEN & KELLY HOSE. ESTABLISH CIRCULATION, PUMP 1500 CFM AIR & 5.5 BPH 2% KCL MIST w/ 1 GALLON
FOAMER & 1/2 GALLON INHIBITOR PER 10 BBLS, PRESSURE @ 900 PSI. CIRCULATION ESTABLISHED, RETURNS OF LIGHT SAND, 10-11 BPH
WATER- TRACE OF CONDENSATE, PUMP AS ABOVE, CLEANOUT FROM 5210' TO 5310', TAG CBP @ 5310'. PU POWER SWIVEL, DOCBP, HANG
BACK POWER SWIVEL. STRAP & PU TUBING, TAG FILL @ 7350'. PU POWER SWIVEL, CLEANOUT FROM 7350' TO 7382', BLOW WELL CLEAN,
RETURNS OF HEAVY SAND DEMINISHING TO LIGHT SAND, 10 BPH WATER, TRACE OF CONDENSATE. SD AIR, LD 2 JOINTS TUBING, RD
POWER SWIVEL. PUH 15 STANDS, CLOSE & LOCK TUBING RAMS, INSTALL TIW VALVE.
SECURE WELL & LOCATION, SDFN.

08/05/2005 07:00 - 08/05/2005 16:30

Last 24hr Summary

JSA, DISCUSS: TRIPPING TUBING, WELL PRESSURE, PINCH POINTS, HIGH PRESSURE, USE OF EAR PLUGS. CASING PRESSURE 650 PSI,
BWD, SERVICE, START & WARM UP EQUIPMENT, OPEN PIPE RAMS. CONTINUE TOOH, WITH 20 STANDS IN HOLE PUMP 40 BBLS OF 2% KCL
WATER TO KILL WELL, LEAVE RIG PUMP IN LOW GEAR & PUMPING WHILE FINISHING TOOH, LD 3-7/8" MILL & STRING FLOAT. PU 2-3/8"
EXPENDABLE CHECK VALVE & "F" NIPPLE 1.81" ID, TIH w/ CHECK & TUBING, WITH 20 STANDS IN HOLE SD RIG PUMP, CONTINUE INTO HOLE,
RABBIT TUBING EVERY CONNECTION GOING INTO HOLE. TAG FILL @ 5298', ESTABLISH CIRCULATION, PUMP 1500 CFM AIR & 5 BPH 2% KCL
MIST w/ 1 GALLON FOAMER & 1/2 GALLON INHIBITOR PER 10 BLS, WELL BLOWING 5-6 BPH NATURAL FLOW, TRACE OF CONDENSATE.
CIRCULATION ESTABLISHED, RETURNS OF 9 - 10 BPH WATER, TRACE OF CONDENSATE, NO SAND, CLEANOUT TO 5312' PBTB, BLOW WELL
CLEAN & DRY, REDUCE MIST TO 2 BPH & SAME CHEMICAL CONCENTRATION. SD AIR, PUMP 5 BBLS 2% KCL WATER DOWN TUBING TO KILL
PRESSURE, REMOVE CHICKSEN, DROP EXPENDABLE CHECK VALVE BALL, WAIT 10 MINUTES FOR BALL TO FALL, PRESSURE UP TUBING w/
AIR TO 1000 PSI TO TEST TUBING FOR 30 MINUTES, HELD OK, INCREASE TUBING PRESSURE TO PUMP OUT EXPENDABLE CHECK VALVE,
VALVE SHEARED @ 1150 PSI, SD AIR, FLOW BACK THROUGH TUBING TO INSURE CHECK HAS BEEN PUMPED OUT. PUMP 5 BBLS OF 2% KCL
WATER TO KILL TUBING PRESSURE, REMOVE TIW VALVE, PUH TO 7056', INSTALL TIW VALVE, RU FLOW TEE FOR COMPLETION PROFILER
LOG ON MONDAY. SECURE WELL & LOCATION, SDF WEEKEND.

08/08/2005 05:30 - 08/08/2005 16:30

Last 24hr Summary

DRIVE TO LOCATION. RU SLICKLINE AND PRO TECHNICS TO RUN SPINNER SURVEY. RUN SURVEY. RD SLICKLINE AND PRO TECHNICS. LAND
TUBING AT 7200 FEET. ND BOP. NU WH. RIG DOWN RIG AND ALL LOCATION EQUIPMENT. GET EVERYTHING READY TO MOVE TO THE SJ 28-7
124F. Total Dakota formation production was measured at 1,596 Mscf/d gas; 8.2 bpd water; 0 bpd oil.

Well Name: San Juan 28-7 #233F
 API #: 30-039-26967-00-X1
 Location: 155' FNL & 270' FWL
Sec. 14 - T28N - R7W
Rio Arriba County, NM
 Elevation: 6177' GL (above MSL)
 Drl Rig RKB: 13' above Ground Level
 Datum: Drl Rig RKB = 13' above GL

Spud: 19-Apr-05
 Spud Time: 20:00
 Date TD Reached: 26-Apr-05
 Release Drl Rig: 27-Apr-05
 Release Time: 0:00

Surface Casing Date set: 20-Apr-05
 Size 9 5/8 in
 Set at 213 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 213 ft
 TD of 12-1/4" hole 240 ft

Notified BLM @ 08:00 hrs on 18-Apr-05
 Notified NMOCD @ 08:00 hrs on 18-Apr-05

Intermediate Casing Date set: 23-Apr-05
 Size 7 in 80 jts
 Set at 3433 ft 0 pups
 Wt. 20 ppf Grade J-55
 Hole Size 8 3/4 in Conn STC
 Excess Cmt 150 % Top of Float Collar 3382 ft
 T.O.C. SURFACE Bottom of Casing Shoe 3428 ft
 Pup @ ft TD of 8-3/4" Hole 3433 ft
 Pup @ ft

Notified BLM @ 14:30 hrs on 21-Apr-05
 Notified NMOCD @ 14:30 hrs on 21-Apr-05

Production Casing: Date set: 26-Apr-05
 Size 4 1/2 in 174 jts
 Set at 7399 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 7396 ft
 T.O.C. (est) 3628 Bottom of Casing Shoe 7399 ft
 Marker Jt @ 4428 ft TD of 8-3/4" Hole 7400 ft
 Marker Jt @ 7056 ft
 Marker Jt @ ft

Notified BLM @ 11:15 hrs on 25-Apr-05
 Notified NMOCD @ 11:15 hrs on 25-Apr-05

Top of Float Collar 7396 ft
 Bottom of Casing Shoe 7399 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

TD of 8-3/4" Hole: 7400 ft

SurfaceCement

Date cmt'd: 20-Apr-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: 14.5 bbls fresh wtr
 Bumped Plug at: 06:40 hrs w/ 350 psi
 Final Circ Press: 100 psi @ 0.5 bpm
 Returns during job: YES
 CMT Returns to surface: 10 bbls
 Floats Held: No floats used
 W.O.C. for 6.00 hrs (plug bump to start NU BOP)
 W.O.C. for 9.00 hrs (plug bump to test csg)

Intermediate Cement

Date cmt'd: 23-Apr-05
 Lead : 365 sx Class G Cement
 + 0.25 lb/sx D029 Cellophane Flakes
 + 3% D079 Extender
 + 0.20% D046 Antifoam
 + 10.00 lb/sx Phenoseal
2.72 cuft/sx, 992.8 cuft slurry at 11.7 ppg
 Tail : 205 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, 268.6 cuft slurry at 13.5 ppg
 Displacement: 137 bbls
 Bumped Plug at: 13:30 hrs w/ 1520 psi
 Final Circ Press: 950 psi @ 2.0 bpm
 Returns during job: YES
 CMT Returns to surface: 35 bbls
 Floats Held: X Yes No
 W.O.C. for 6.00 hrs (plug bump to start NU BOP)
 W.O.C. for 9.00 hrs (plug bump to test csg)

Production Cement

Date cmt'd: 26-Apr-05
 Cement : 445 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, 645.25 cuft slurry at 13.0 ppg
 Displacement: 114.4 bbls
 Bumped Plug: 16:00 hrs w/ 2140 psi
 Final Circ Press: 1350 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
 27-April-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 @ 184'. Displaced top wiper plug with water. Shut in casing head and WOC before backing out landing jt. CENTRALIZERS @ 200', 130', 86, 43'. Total: 4
7" Intermediate	DISPLACED W/ 137 BBLS. FRESH WATER. CENTRALIZERS @ 3418', 3339', 3253', 3167', 3081', 2995', 211', 82', 39'. TURBOLIZERS @ 2175', 2132', 2089', 2046'. Total: 9
4-1/2" Prod.	NONE. Total: 4