

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. NMSF078282							
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. NMNM78415A							
3. Address P.O. Box 2197, WL3-6081 Houston Tx 77252		8. Lease Name and Well No. San Juan 29-5 Unit 32G							
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At Surface Sec 29 T29N R5W NWSW 2270FSL 660FWL At top prod. interval reported below At total depth		9. API Well No. 30-039-27537							
14. Date Spudded 03/18/2005		15. Date T.D. Reached 03/25/2005							
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 07/06/2005		10. Field and Pool, or Exploratory Blanco Mesaverde/Basin Dakota							
18. Total Depth: MD 8037 TVD		11. Sec., T., R., M., on Block and Survey or Area Sec 29 T29N R5W							
19. Plug Back T.D.: MD 8034 TVD		12. County or Parish Rio Arriba							
20. Depth Bridge Plug Set: MD TVD		13. State Tx							
21. Type of Electric & Other Mechanical Logs Run (Submit copy of each) CBL; RST; GR/CCL		17. Elevations (DF, RKB, RT, GL)* 6667							
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 Cement Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12.25	9.625 H40	32.3	0	232		150		0	
8.75	7 J-55	20	0	3899		630		0	
6.25	4.5 N-80	11.6	0	8037		460		2700	
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	7934								
25. Producing Intervals									
26. Perforation Record									
Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status			
A) Blanco Mesaverde	5414	5917	5414 - 5917	.34	38	Open			
B)									
C)									
D)									
27. Acid, Fracture, Treatment, Cement Squeeze, Etc.									
Depth Interval		Amount and Type of Material							
5414-5917		Frac'd w/60Q Slickfoam w/1g/mg FR; 200,000# 20/40 Brady sand; 2,499,521 SCF N2 & 2358 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
7/06/05	6/27/05	24	→	0	1716	30			Flows from Well
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
1/2	SI 210	300	→					GS1	
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.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
	SI		→						

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

ACCEPTED FOR RECORD

AUG 05 2005

FARMINGTON FIELD OFFICE  
BY *[Signature]*

NW/CCD

Production - Interval C

First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Well No.	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	

Production - Interval D

First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Well No.	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	

Disposition of Gas (Sold, used for fuel, vented, etc.)

Vented

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	1506
				Ojo Alamo	2805
				Kirtland	2995
				Fruitland	3301
				Pictured Cliff	3591
				Chacra/Otero	4612
				Cliffhouse	5426
				Menefee	5501
				Pt. Lookout	5782
				Gallup	7045
				Cubero	7933

Additional remarks (include plugging procedure):

is a downhole commingled well producing from the Blanco Mesaverde and Basin Dakota. Well Schematic and Daily Summary report attached.

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

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 Gustartis

Title Regulatory Analyst

Signature Chris Gustartis

Date 07/29/2005

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, 03/31/2005 00:00							
API/Bottom UWI 300392753700	County RIO ARRIBA	State/Province NEW MEXICO	Surface Legal Location NMPM-29N-05W-29-L	N/S Dist (ft) 2,270.00	N/S Ref S	E/W Dist (ft) 660.00	E/W Ref W
Ground Elevation (ft) 6,679.00		Latitude (DMS) 36° 41' 44.196" N		Longitude (DMS) 107° 23' 12.768" W		Spud Date 03/18/2005	
						Rig Release Date 03/26/2005	
03/31/2005 06:00 - 03/31/2005 00:00							
Last 24hr Summary							
HELD PRE-JOB SAFETY MEETING. RU SCHLUMBERGER PRESSURED UP CSG TO 1500 #. RAN CBL LOG FROM 7786' TO 2450'. TOP OF CEMENT @ 2700'. RAN RST LOG FROM 7786' TO 2700'. RAN GR/CCL LOG FROM 7786' TO SURFACE. RD SCHLUMBERGER.							
04/06/2005 00:00 - 04/07/2005 00:00							
Last 24hr Summary							
PJSM W/ CREWS. MI UNIT FROM SJ 29-6# 79M, SPOT UNIT AND RU.SPOT RIG EQUIPMENT. RU PUMP AND PIT, ND MASTER VALVE. RU FLOW LINE. SICP=0#, BWD. SET TBG HANGER, NU BOPE.TEST BOPE 250# LOW, AND 3000# HIGH. TEST WAS GOOD, WITNESSED BY GENARO MAEZ W/ KEY ENERGY SERVICES. RU FLOOR AND TBG. TOOLS. POOH W/ HANGER. MU AND TIH TALLYING AND PICKING UP FROM FLOAT W/ 3 7/8" BLADE BIT, BIT SUB AND 154 JTS 2 3/8" TBG. DRAIN EQUIPMENT. SECURE WELL SDFN.							
04/07/2005 00:00 - 04/08/2005 00:00							
Last 24hr Summary							
SICP= 0#. CONTINUE TO TIH W/ 94 JTS AND TAG CMT @ 7804'. RU POWER SWIVEL. BREAK CIRCULATION W/ 2% KCL. START DRILLING AND LOST PARTIAL RETURNS AND PUMP PRESSURED UP. WORKED TO DISPLACE CSG AND BROUGHT UP 3 BIG PIECES OF RUBBER. ( KELLY HOSE LINING.). RETURNED TO CIRCULATING AND PRESSURE STILL HIGH. REVERSE CIRCULATED AND BROUGHT UP REMAINING RUBBER. PRESSURE DOWN TO 100# W/ FULL RETURNS.TAGGED WIPER PLUG 2' DOWN. DRILL HARD CMT FROM 7806' TO 7930' W/ 4 JTS. CIRCULATE CLEAN. POOH W/ 2 JTS. SECURE WELL AND SDFN.							
04/08/2005 00:00 - 04/09/2005 00:00							
Last 24hr Summary							
SICP=0#. PJSM W/ CREWS. ESTABLISH CIRCULATION W/ 2% KCL. CONTINUE DRILLING CMT FROM 7930' TO 8033'.( FC @ 8034') CIRCULATE CLEAN W/ 150 BBL. RD SWIVEL. POOH LAYING DOWN W/ 256 JTS 2 3/8" AND LD BIT. LOAD CSG W/ 10 BBL. RD EQUIPMENT AND UNIT. PREP TO MOVE TO SJ 29-6 #33M.							
04/30/2005 11:00 - 04/30/2005 14:00							
Last 24hr Summary							
Held safety meeting. RU isolation tool. Tested 4 1/2" CSG to 6700 # for 30 min. Held ok. RD isolation tool. SWI.							
05/06/2005 09:00 - 05/06/2005 12:00							
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 7934' - 7950' W/ 4 SPF, 8000' - 8005' W/ 4 SPF. A total of 84 holes @ 0.34 DIA. RD Computalog.							
05/08/2005 10:00 - 05/08/2005 17:00							
Last 24hr Summary							
Held safety meeting. RU Halliburton & Isolation tool. Fac'd the Dakota. Tested lines to 7700 #. Set pop off @ 6000 #. Broke down formation @ 5 bpm @ 3318 #. Pump pre pad @ 40 bpm @ 2257 #. Stepped down rate to 30 bpm @ 2047 #. Stepped down rate to 20 bpm @ 1808 #. Stepped down rate to 10 bpm @ 1628 #. ISIP 1269 #. 5 min 345 #. 10 min 74 #. 15 min 0 #. Pumped 1000 gals of 15% HCL acid @ 5 bpm @ 1122 #. Frac'd the Dakota w/slickwater @ 1.25 g/mg FR, 35,000 # 20/40 Econoprop sand. Treated 100% of proppant witg sandwedge. 3212 bbls fluid. Avg rate 55 bpm. Avg pressure 3535 #. Max pressure 4016 #. Max sand cons .40 # per gal. ISIP 2498 #. Frac gradient .62. RU Computalog. RIH w/ 4 1/2" composite plug. Set plug @ 6020'. Tested plug to 4800 #. Held ok. Perforated the Mesaverde w/ 3 1/8" 90 degree select fire perforating gun. Perforated from 5414' - 5416' w/ 1/2 spf, 5482' - 5492' w/ 1/2 spf, 5516' - 5520' w/ 1/2 spf, 5720' - 5724' w/ 1/2 spf, 5790' - 5798' w 1/2 spf, 5809' - 5815 w/ 1/2 spf, 5836' - 5846' w/ 1/2 spf, 5875' - 5879' w/ 1/2 spf,5896' - 5900' w/ 1/2 spf,5913' - 5917' w/ 1/2 spf. A total of 38 holes w/ 0.34 dia. SWI. RD Computalog.							
05/14/2005 17:00 - 05/14/2005 17:00							
Last 24hr Summary							
Held safety meeting. RU Halliburton & Isolation tool. Frac'd the Mesaverde. Tested lines to 6866 #. Set pop off @ 5000 #. Broke down formation @ 6 bpm @ 2904 #. Pumped pre pad @ 40 bpm @ 1624 #. Stepped down rate to 35 bpm @ 1088 #. Stepped down rate to 30 bpm @ 808 #. Stepped down rate to 20 bpm @ 143 #.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 25% of proppant volume with Sandwedge for proppant flowback control, 2,499,521 SCF N2 & 2358 bbls fluid. Avg rate 62 bpm. Avg pressure 3069 #. Max pressure 3337 #. Max sand cons 1.50 # per gal. ISIP 1936 #. Frac gradient .44. SWI. RD Halliburton & Isolation tool. Started flowback.							
06/17/2005 07:00 - 06/17/2005 18:00							
Last 24hr Summary							
JSA, DISCUSS: DRIVING RIG TO NEW LOCATION, LOADING EQUIPMENT & TRUCKS MOVING ON LOCATION. SERVICE, START, WARM UP & PRE-TRIP UNIT. DRIVE RIG FROM OLD LOCATION TO NEW LOCATION. PJSM, discuss: SPOTTING RIG & EQUIPMENT, LOCATION HAZARD HUNT. SPOT RIG TO WELL HEAD. WAIT ON TRUCKS w/ EQUIPMENT TO ARRIVE ON LOCATION. PJSM, DISCUSS SPOTTING & RIGGING UP EQUIPMENT, TRAFFIC ON LOCATION. SPOT STEEL MAT FOR RIG, SPOT RIG ON STEEL MAT, RU UNIT, SPOT EQUIPMENT & RU SAME. RU BLEED OFF LINE & MANIFOLD SECURE LOCATION, SDFN.							
06/18/2005 07:30 - 06/18/2005 12:00							
Last 24hr Summary							
JSA & PJSM, DISCUSS: LOADING & SECURING EQUIPMENT, DRIVING TO LOCATION. LOAD & SECURE EQUIPMENT. PJSM, SPOT AIR PACKAGE ON LOCATION, SDFWE.							

06/20/2005 07:00 - 06/19/2005 17:30

## Last 24hr Summary

JSA, DISCUSS: BLOWING DOWN WELL, RD FRAC VALVE, NUBOP, PRESSURE TEST BOP, RU BLOOIE LINE, PU TUBING. PJSM, DISCUSS: BLEEDING DOWN WELL, SERVICE, START & WARM UP EQUIPMENT. CASING PRESSURE @ 525 PSI. BLEED DOWN WELL w/ 3/4" CHOKE, RETURNS OF DRY GAS, REMOVE BLEEDER TEE FROM BOP, RU FLOW TEE ON BOP, CHANGE PIPE RAMS, SET OUT BLOOIE LINE PADS. CLOSE BLEED OFF LINE, PUMP 40 BBLs 2% KCL WATER DOWN CASING TO KILL WELL. WELL DEAD, ND FRAC VALVE, INSTALL BULL PLUGGED TUBING HANGER, TIGHTEN HANGER LOCK DOWNS. SD PUMP, NUBOP. RU BOP TEST UNIT, TEST BOP, TEST BLIND & PIPE RAMS @ 250 PSI LOW FOR 15 MINUTES, 2000 PSI HIGH FOR 15 MINUTES, ALL HELD OK, RELEASE PRESSURE & RD TESTER. RU BLOOIE LINE, SPOT & ATTACH BLOOIE LINE TIE DOWN PADS. PUMP 30 BBLs 2% KCL WATER TO KILL WELL, UNLOCK TUBING HANGER LOCK DOWN BOLTS, PULL TUBING HANGER. STRAP TUBING ON TUBING TRAILER, PU 1 JOINT TUBING, INSTALL 3-7/8" ROLLER CONE BIT, BIT SUB ON BOTTOM OF JOINT, INSTALL BALL TYPE STING FLOAT ON TOP OF JOINT, RIH, PU & TIH w/ 2-3/8" TUBING, TIH TO 3900'. INSTALL TIW VALVE, SECURE WELL & LOCATION, SDFN

06/21/2005 06:45 - 06/21/2005 16:30

## Last 24hr Summary

PJSM, SERVICE, START & WARM UP EQUIPMENT, CASING PRESSURE @ 460 PSI, TUBING PRESSURE @ 0 PSI, BLEED WELL DOWN, OPEN BLIND RAMS. JSA, DISCUSS: PU TUBING, BLEEDING WELL, CLEANING OUT w/ AIR. STRAP & PU TUBING, TAG FILL @ 5816'. RU CHICKSEN & KELLY HOSE, PRESSURE TEST AIR LINE TO 1000 PSI, HELD OK, RELEASE PRESSURE, SET VALVE TO PUMP DOWN HOLE. ESTABLISH CIRCULATION w/ 1150 SCFM AIR & 7 BPH 2% KCL MIST w/ 2 GALLON FOAMER & 1/2 GALLON INHIBITOR PER 20 BBLs. CIRCULATION ESTABLISHED, RETURNS OF LITE SAND & APPROX. 10 BPH WATER, CLEAN OUT SAND & FILL FROM 5816' TO 6021', TAG CBP @ 6021' (PER PIPE STRAP). ICIPROCATATE TUBING, BLOW WELL TO CLEAN UP SAND PRODUCTION & WATER, RETURNS OF 10 - 11 BPH WATER & LITE TO EDIUM SANDS RETURNS. PUH 10 STANDS TO 5400', BIT ABOVE TOP PERF, CLOSE & LOCK PIPE RAMS, INSTALL TIW VALVE, SECURE WELL & LOCATION, SDFN. PUMPED APPROX 45 BBLs OF MIST, RETURNED APPROX 70 BBLs OF WATER, SAND RETURNS WERE MEDIUM TO HEAVY MOST OF DAY, LAST 1/2 HR SAND RETURNS WERE LITE TO LITE MEDIUM

06/22/2005 07:00 - 06/22/2005 16:30

## Last 24hr Summary

TRAVEL TO LOCATION FROM SAFETY MEETING @ CONTRACTORS YARD  
JSA, DISCUSS: TRIPPING TUBING, FLOW TESTING, WIND DIRECTION, SNAKES & HEAT EXHAUSTION  
SERVICE, START & WARM UP EQUIPMENT, CASING PRESSURE @ 910 PSI, TUBING PRESSURE @ 0 PSI, BLEED DOWN WELL THROUGH 2" BLEED OFF LINE  
TIH FROM 5383' & TAG FILL @ 6003', 17' OF FILL OVER NIGHT, PUH TO 5855', OPEN 2" BLEED OFF LINE, CLOSE PIPE RAMS  
FLOW WELL UP TUBING ANNULAS, GUAGE READING EVERY 1/2 HOUR,

TIME	RETURNS		PRESSURE	MCF
09:30	2 BPH WATER	TRACE SAND	475 PSI	2.953
10:00	2 BPH WATER	TRACE SAND	308 PSI	1.917
10:30	2 BPH WATER	TRACE SAND	308 PSI	1.917
11:00	1.5 BPH WATER	NO SAND	300 PSI	1.865
11:30	1.5 BPH WATER	NO SAND	300 PSI	1.865
12:00	1.5 BPH WATER	NO SAND	300 PSI	1.865
12:30	1 BPH WATER	NO SAND	290 PSI	1.808
13:00	1 BPH WATER	NO SAND	290 PSI	1.808
13:30	1 BPH WATER	NO SAND	290 PSI	1.808
14:00	1 BPH WATER	NO SAND	290 PSI	1.808

TOOH w/ BIT & BIT SUB  
PU MULE SHOE COLLAR & 1.81" ID "F" NIPPLE, TIH TO 5383' (29' ABOVE TOP PERF)  
CLOSE & LOCK PIPE RAMS, CLOSE 2" BLEED OFF LINE, SECURE WELL & LOCATION, SDFN

06/23/2005 06:45 - 06/23/2005 17:30

## Last 24hr Summary

JSA, DISCUSS: SLICK LINE WORK, TRIPPING TUBING, FLOWING GAS, TRIP HAZZARD FOR WALKING, HIGH HEAT & KEEPING PROPERLY HYDRATED  
PJSM, SERVICE, START, & WARM UP EQUIPMENT, CASING PRESSURE @ 390 PSI, TUBING @ 0 PSI, BLEED DOWN CASING THROUGH 2" BLEED OFF LINE  
OPEN TUBING RAMS, TIH FROM 5350' & TAG FILL @ 5996' (24' FILL ABOVE CBP), PUH TO 5850', RU FLOW BACK TEE FOR TUBING FLOW LINE  
PUMP 3 BBLs 2% KCL WATER DOWN TUBING, TIH w/ SL, WATER LEVEL @ 4620', TAG "F" NIPPLE @ 5852', COULD NOT PUNCH OUT  
EQUILIZATION DISC w/ SPEAR, TOOH w/ SL, INSTALL LONGER SPEAR, TIH w/ SL, PUNCH OUT EQUILIZATION DISC w/ SPEAR, TOOH w/ SL  
SPEAR, TIH w/ GRAPPLE, COULD NOT LATCH ON TO PLUG, TOOH w/ GRAPPLE, TIH w/ SL DUMP BAILER, MAKE 3 DUMP BAILER RUNS, ON 4TH  
DUMP BAILER RUN BAILER STUCK IN TUBING, CUT SL, RDSL  
RD FLOW LINE ON FLOOR, RD FLOW TEE ON TUBING  
TOOH FOR STUCK SL TOOLS  
PULL SLICK LINE PLUG OUT OF "F" NIPPLE, CLEAN OUT "F" NIPPLE & SL PLUG, RE INSTALL PLUG IN "F" NIPPLE  
TIH w/ "F" NIPPLE & TUBING TO 5850'  
RU FLOW TEE ON TUBING, RU FLOW LINE FOR TUBING  
TIH w/ SL, PUNCH HOLE IN EQUILIZATION DISC, TOOLS BLOWN UP HOLE, TOOLS STUCK, FISH WIRE, FISH OUT STINGER & JARS, FISH PLUG  
OUT OF "F" NIPPLE, RDSL  
CLOSE TUBING RAMS, SECURE WELL & LOCATION, SDFN

**06/24/2005 06:45 - 06/24/2005 17:00**

**Last 24hr Summary**

JSA, DISCUSS: FLOWING WELL, WIND DIRECTION, SANKES IN SHADY COOL PLACES, DEHYDRATION. SERVICE, START & WARM UP EQUIPMENT, CASING PRESSURE @ 320 PSI, TUBING PRESSURE @ 250 PSI, BLEED WELL DOWN THROUGH 2: BLEED OFF LINE, OPEN PIPE RAMS. FLOW WELL FOR ENGINEERING FORMATION EVALUATION @ 5850' KILL TUBING w/ 4 BBLs OF 2% KCL WATER, RD FLOW BACK TEE ON TUBING, PUH w/ EOT FROM 5580' TO 5300', RU FLOWBACK TEE ON TUBING. CLOSE & LOCK TUBING RAMS, SECURE WELL & LOCATION, SDFWE

**06/27/2005 06:45 - 06/27/2005 17:00**

**Last 24hr Summary**

JSA, DISCUSS: FLOW TESTING WELL, RU & RD SL, TRIPPING TUBING, SNAKES, DEHYDRATION, HOUSE KEEPING, LOUD NOISE & USE OF EAR PLUGS  
 SERVICE, START & WARMUP EQUIPMENT, INSTALL 1/2" CHOKE IN BLEED OFF LINE, CASING & TUBING PRESSURE @ 380 PSI, BWD  
 SWI, RUSL, RU PROTECHNICS  
 RIH w/ SL, TAG EOT @ 5306', TOOH w/ SL, LD GUAGE RING, PU SINKER BAR, RIH w/ SINKER BAR, TAG FILL @ 5976', TOOH w/ SL  
 RU COMPLETION PROFILER LOG (SPINNER SURVEY), RIH ON SL, RIH TO 5960', RECORD STATIC MV TEMPERATURE @ 175 F, FLOW WELL THROUGH TUBING w/ 1/2" CHOKE IN LINE TO PIT, STABILIZE FLOW PRESSURE, RUN SPINNER LOGS FROM 5960' TO 5340', AVERAGE FLOW PRESSURE ON TUBING @ 210 PSI, CASING PRESSURE 300 PSI, SHUT IN PRESSURE @ 380 PSI, RUN TOTAL OF 4 PASSES, 1 EA @ 30', 60', 90' & 120' PER MINUTE, WATER LEVEL @ 5870', TOOH w/ LOGGING TOOLS, DOWN LOAD INFORMATION, RD LOGGING TOOLS, RELEASE PROTECHNICS  
 RUSL, RIH w/ PRESSURE PLUG, SET IN "F" NIPPLE, TOOH w/ SL, RD SL, RELEASE SL  
 RD TUBING FLOW LINE, UNLOCK PIPE RAMS, OPEN PIPE RAMS, PREPARE TO TOOH w/ TUBING  
 TOOH w/ TUBING, LD MULE SHOE COLLAR & "F" NIPPLE  
 TIH w/ BIT & BIT SUB, STOP @ 5385'  
 RU RAM, CABLE & HOSES FOR TUBING SCISSOR PICKUP  
 SECURE WELL & LOCATION, SDFN

**06/28/2005 06:45 - 06/28/2005 17:30**

**Last 24hr Summary**

JSA, DISCUSS: CLEANING OUT, FLOWING WELL, PU TUBING, TRIPPING TUBING, LIFTING  
 SERVICE, START & WARM UP EQUIPMENT, CASING PRESSURE @ 380 PSI, TUBING PRESSURE @ 0 PSI, BWD, OPEN PIPE RAMS. TIH, TAG FILL @ 5975'. RU POWER SWIVEL, CHANGE STRIPPER RUBBER. TEST AIR PACKAGE PUMPS & LINES TO 2000 PSI, HELD OK, RELEASE PRESSURE, OPEN VALVES TO PUMP DOWN TUBING. ESTABLISH CIRCULATION, PUMP 1150 SCFM & 7 BPH 2% KCL MIST w/ 1 GALLON FOAMER & 1/4 GALLON INHIBITOR PER 10 BBLs, RETURNS ESTABLISHED, RETURNS OF 10 - 12 BPH WATER, TRACE OF CONDENSATE, MEDIUM SAND, CLEANOUT TO 6020' & TAG CBP  
 DRILL OUT CBP, THROUGH CBP, WELL ON VACUUM, PUMP PRESSURE @ 560 PSI  
 PUMP AIR & MIST @ 1650 SCFM & 7 BPM FOAMED 2% KCL MIST TO RESTORE CIRCULATION, NO CIRCULATION. SD AIR, RD POWER SWIVEL, PUH 10 STDS, ESTABLISH CIRCULATION w/ AIR AS ABOVE. CIRCULATION ESTABLISHED, RETURNS OF HEAVY SAND, 14-15 BPH WATER, TRACE OF CONDENSATE, START TO CLEANOUT TO TD, TAG TD @ 8033' PER PIPE TALLY, BLOW WELL CLEAN. SD AIR, BLEED DOWN TUBING, PUH 5 STDS, CLOSE TUBING RAMS, INSTALL TIW VALVE, SECURE WELL & LOCATION, SDFN

**06/29/2005 06:30 - 06/29/2005 17:30**

**Last 24hr Summary**

COPC MONTHLY SAFETY MEETING w/ SUPERVISORS & OPERATORS IN FARMINGTON OFFICE  
 TRAVEL TO LOCATION AFTER SAFETY MEETING  
 JSA, DISCUSS: TRIPPING TUBING, FLOWING WELL & WIND DIRECTION, HIGH PRESSURE TESTING  
 SERVICE, START & WARMUP EQUIPMENT, CASING PRESSURE @ 400 PSI, TUBING PRESSURE @ 0 PSI, BWD  
 OPEN PIPE RAMS, TOOH w/ TUBING, LD BIT & BITSUB  
 PU EXPENDABLE CHECK & 1.81 "F" NIPPLE, TIH w/ PRODUCTION TUBING, DRIFT TUBING WHILE TRIPPING INTO HOLE  
 TAG FILL @ 7975', RU CHICKSEN & KELLY HOSE TO CLEANOUT FILL  
 ESTABLISH CIRCULATION w/ 1600 SCFM AIR & 6 BPH FOAMED 2% KCL MIST w/ 1 GALLON FOAMER & 1/4 GALLON INHIBITOR PER 10 BBLs, RETURNS OF 12 - 14 BPH WATER, CLEANOUT FILL FROM 7975' TO 8032', HEAVY SAND & 14 - 15 BPH FOAMY WATER RETURNS, BLOW WELL CLEAN, SAND DEMINISHED TO LIGHT, WATER @ 7 - 8 BPH, SD AIR  
 PUMP 4 BBLs 2% KCL WATER DOWN TUBING, REMOVE CHICKSEN, DROP EXPENDABLE CHECK VALVE BALL, INSTALL CHICKSEN, WAIT 5 MINUTES FOR BALL TO FALL, PRESSURE UP TUBING w/ AIR TO 1000 PSI, SI, WATCH PRESSURE FOR 15 MINUTES, HELD OK, OPEN VALVE, PUMP OUT EXPENDABLE CHECK w/ AIR, PUMPED OUT @ 1150 PSI, SD AIR, FLOW WELL BACK THROUGHTUBING FOR 15 MINUTES, KILL TUBING w/ 5 BBLs 2% KCL WATER REMOVE CHICKSEN & KELLY HOSE, PUH TO 7840'  
 RU FLOW TEE ON TUBING, FLOW WELL UP TUBING, RETURNS OF AIR & 1 - 2 BPH WATER  
 CLOSE FLOW BACK LINE, SECURE WELL & LOCATION, SDFN

06/30/2005 06:45 - 06/30/2005 17:30

## Last 24hr Summary

JSA, DISCUSS: FLOWING WELL, LOGGING & SL WORK, LANDING TUBING, NDBOP, NUWH, RIGGING DOWN TO MOVE CASING PRESSURE @ 350 PSI, TUBING PRESSURE @ 510 PSI, BWD, SERVICE, START & WARM UP EQUIPMENT, FLOW WELL UP TUBING RUSL, SWI, LET PRESSURE EQUILIZE  
TIH w/ SL, TAG FILL @ 8022', EOT @ 7840', WL @ 5180', TOOH w/ SL  
RU PROTECHNICS, TIH w/ COMPLETION PROFILER LOG TO 7884', RECORD DK STATIC TEMPERATURE, WSI  
WSI, RIH TO 8015', SI PRESSURE ON TUBING @ 290 PSI, FLOW WELL THROUGH TUBING w/ 1/2" CHOKE INLINE  
RUN COMPLETION PROFILER LOG FROM 8008' TO 7900', CASING PRESSURE @ 340 PSI, TUBING FLOWING PRESSURE THROUGH 1/2" CHOKE @ 10 PSI  
TOOH w/ LOGGING TOOL  
DOWNLOAD LOGGING DATA, RDSL, DATA SHOWS: BOTTOM HOLE TEMPERATURE 221 DEGREES @ 8000', BOTTOM HOLE PRESSURE 700 PSI @ 8000', WATER LEVEL @ 7933', TOP DK PERF @ 7934'  
PUMP 4 BBLS 2% KCL WATER TO KILL TUBING, RD TUBING FLOW TEE, RIH w/ TUBING, TAG FILL @ 8001', RU CHICKSEN & KELLY HOSE TO CLEANOUT  
ESTABLISH CIRCULATION w/ 1600 SCFM AIR & 4 BPH 2% KCL MIST w/ 1 GALLON FOAMER & 1/4 GALLON INHIBITOR PER 10 BBLS, WELL UNLOAD LARGE QUANTITY OF WATER  
CLEANOUT FILL FROM 8001' TO 8032', RETURNS OF 9-10 BPH WATER & HEAVY SAND, CONTINUE TO BLOW WELL, REDUCE MIST RATE TO 2.5 BPH, AFTER 1 HOUR SAND RETURN @ MEDIUM & WATER @ 9-10 BPH, AFTER 2 HOURS SAND RETURNS @ MEDIUM TO LIGHT & WATER @ 8-9 BPH  
SD AIR, PUH TO 7920', SECURE WELL & LOCATION, SDFWE

07/01/2005 06:45 - 07/01/2005 17:00

## Last 24hr Summary

JSA, DISCUSS: HEAT STROKE, SNAKES, HIGH PRESSURE DANGERS, & DEHYDRATION  
CASING PRESSURE @ 400 PSI, BWD, TUBING PRESSURE @ 0 PSI (STRING FLOAT IN STRING) SERVICE, START & WARM UP EQUIPMENT  
RIH, TAG FILL @ 8024', 10 FT OF FILL  
RU SWIVEL & KELLY HOSE ON TUBING, ESTABLISH CIRCULATION w/ 1700 SCFM AIR & 2 BPH 2% KCL FOAMED MIST w/ 1 GALLON FOAMER & 1/4 GALLON INHIBITOR PER 10 BBLS OF 2% KCL WATER, PUMP PRESSURE @ 800 PSI  
CIRCULATION ESTABLISHED, RETURNS OF 8-9 BPH WATER, TRACE OF SAND, CLEAN OUT 10' OF FILL, TAG TD @ 8034', BLOW WELL CLEAN  
CONTINUE TO BLOW WELL CLEAN & DRY, WATER RETURNS OF 9-10 BPH, SAND RETURNS FROM HEAVY TO TRACE  
PUH TO 7941', SD AIR & MIST, LET WELL BLOW, BUCKET TEST RETURNS @ 5 BPH w/ WELL PRESSURE, TRACE OF SAND, WAIT 1 HOUR TO TAG FILL  
RIH & TAG FILL @ 8032', 2 FT OF FILL, ESTABLISH CIRCULATION w/ 1700 SCFM AIR & 2 BPH 2% KCL FOAMED MIST w/ 1 GALLON FOAMER & 1/4 GALLON INHIBITOR PER 10 BBLS OF 2% KCL WATER, PUMP PRESSURE @ 750 PSI, CLEANOUT 2' OF FILL, CONTINUE TO BLOW WELL TO CLEAN UP  
SD AIR, PUH TO 7909', SHUT & LOCK TUBING RAMS, OPEN 2 BLEED LINE w/ 1/2" CHOKE, FLOW WELL THROUGH 1/2" CHOKE, 15 MINUTE FLOW @ 210 PSI, 30 MINUTE FLOW @ 230 PSI, 45 MINUTE FLOW @ 250 PSI, 1 HOUR FLOW @ 250 PSI, LIGHT WATER MIST DURING FLOW TEST  
CLOSE 2" BLEED LINE, SECURE WELL & LOCATION, SDFWE

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

## Last 24hr Summary

CONTRACTOR SAFETY MEETING IN CONTRACTOR YARD  
TRAVEL FROM CONTRACTORS YARD TO LOCATION AFTER SAFETY MEETING  
JSA, DISCUSS: HEAT STROKE, DEHYDRATION, WALKING HAZZARDS, HIGH PRESSURE PUMPING, FLOWING WELL  
PJSM, CASING PRESSURE 450 PSI, TUBING PRESSURE 0 PSI, BWD, SERVICE, START & WARMUP EQUIPMENT  
OPEN PIPE RAMS, RIH & TAG FILL @ 8022', 12 FT. OF FILL, ESTABLISH CIRCULATION, PUMP 1700 CFM AIR & 1.25 BPH 2% KCL MIST w/ 1 GALLON FOAMER & 1/4 GALLON INHIBITOR PER 10 BBLS, PUMP PRESSURE @ 800 PSI  
RETURN OF WATER @ 7-8 BPH, CLEANOUT 12 FT OF FILL, RETURNS OF MEDIUM TO LIGHT SAND, DIMINISHING TO TRACE OF SAND & 3-4 BPH WATER, CONTINUE TO BLOW WELL, AFTER 3 HOURS SD 2ND COMPRESSOR, WATER RETURNS INCREASE TO 4-5 BPH, SAND INCREASED TO LIGHT RETURNS, AFTER 2.5 HOURS SAND DIMINISHED TO TRACE & WATER RETURNS @ 3-4 BPH, SD MIST PUMP, AFTER 1 HOUR WATER RETURNS DOWN TO 1.5 BPH, SD AIR  
PUH TO 7909', FLOW WELL UP CASING THROUGH 2" BLEED LINE w/ 1/2" CHOKE IN LINE, FLOW PRESSURE @ 245 PSI, SWI, SECURE WELL & LOCATION, SDFN



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

Last 24hr Summary

JSA, DISCUSS: LOGGING, SL WORK, NDBOP, NUWH, RD TO MOVE  
 SERVICE, START & WARM UP EQUIPMENT, BWD, CASING PRESSURE @ 380 PSI, OPEN PIPE RAMS  
 RIH, TAG FILL @ 8032' (2' OF FILL), PUH TO 7834', RU FLOW TEE FOR COMPLETION PROFILER LOG  
 RUSL, TIH, TAG WATER LEVEL @ 5580', TAG FILL w/ SL @ 8033', TAG EOT @ 7436', BLOW WELL THROUGH TUBING w/ 1/2" CHOKE IN LINE,  
 WELL DEAD, POOH w/ SL, RU TO UNLOAD WELL w/ AIR  
 START & WARM UP AIR PACKAGE, ESTABLISH CIRCULATION w/ 1700 CFM AIR, BLOW WELL DRY, RETURNS OF WATER, WELL DRYING UP, SD  
 AIR  
 BD AIR, SWI RU LOGGING TOOL, TIH w/ LT ON SL  
 WELL SHUT IN, START LOGGING OPERATION, RECORD STATIC BOTTOM HOLE PRESSURE & TEMPETURE, RIH w/ LOGGING TOOL BELOW  
 PERFORATIONS, FLOW WELL THROUGH TUBING w/ 1/2" CHOKE IN LINE, LET WELL FLOW TO STABILIZE PRESSURE, CASING PRESSURE @  
 380 PSI, TUBING FLOWING PRESSURE @ 45 PSI, START LOGGING RUNS, SWI, EQUALIZE PRESSURE, TOOH w/ LOGGING TOOL  
 DOWNLOAD DATA FROM LOGGING TOOL, RDSL, DATA FROM LOGGING TOOL GOOD, RD LOGGING TOOL, BOTTOM HOLE PRESSURE 650 PSI,  
 BHT 221 DEGR.F, WL @ 8002'  
 RD FLOW TEE, KILL TUBING, OPEN RAMS, RIH TO 7934', INSTALL TUBING HANGER, LAND TUBING, END OF CHECK VALVE @ 7934', 1.81" ID "F"  
 NIPPLE @ 7933', PURGE WELL UP CASING w/ NDBOP, NUWH, PURGE WELL UP TUBING WHILE RIGGING DOWN PUMP & PIT & AIR PACKAGE  
 SWI, RD FLOW LINE, RD TO MOVE, RIG RELEASED @ 1600 HRS, FINAL REPORT