

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input checked="" type="checkbox"/> Other: CBM			5. Lease Serial No. NMSF078996		
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 COMPANY			7. Unit or CA Agreement Name and No.		
3. Address P.O. BOX 2197, WL 6106 HOUSTON, TX 77252			8. Lease Name and Well No. SAN JUAN 32-7 UNIT 219A		
3a. Phone No. (include area code) Ph: 505.599.3419			9. API Well No. 30-045-32339		
4. Location of Well (Report location clearly and in accordance with Federal requirements) Sec 5 T31N R7W Mer NMP At surface SESE 935FSL 1085FEL At top prod interval reported below At total depth			10. Field and Pool, or Exploratory BASIN FRUITLAND COAL		
14. Date Spudded 07/15/2004			11. Sec., T., R., M., or Block and Survey or Area Sec 5 T31N R7W Mer NMP		
15. Date T.D. Reached 07/30/2004			12. County or Parish SAN JUAN		
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod 08/19/2004			13. State NM		
17. Elevations (DF, KB, RT, GL)* 6599 GL					
18. Total Depth: MD 3474 TVD			19. Plug Back T.D.: MD 3473 TVD		
20. Depth Bridge Plug Set: MD TVD					
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) MUD LOGS			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 type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Submit analysis)		

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
12.250	9.625 H-40	32.0	0	240		150		0	
8.750	7.000 J-55	20.0	0	3187		550		0	
6.250	5.500 J-55	16.0	3118	3474		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	3455							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
BASIN FRUITLAND COAL	3210	3472	3210 TO 3472	0.750	216	OPEN
B)						
C)						
D)						

26. Perforation Record

Depth Interval	Amount and Type of Material

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

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
	08/14/2004	1	→	0.0	1991.0	0.0			
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
2" PITOT	SI	42.0	→						

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
			→						
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)

ELECTRONIC SUBMISSION #35688 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED **

ACCEPTED FOR RECORD

SEP 14 2004

FARMINGTON FIELD OFFICE

NMOC

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

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

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of 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
				NACIAMENTO	982
				OJO ALAMO	2352
				KIRTLAND	2472
				FRUITLAND	3037
				PICTURED CLIFFS	3407

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. Geologic 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):

Electronic Submission #35688 Verified by the BLM Well Information System.
For CONOCOPHILLIPS COMPANY, sent to the Farmington

Name (please print) JUANITA FARRELL

Title REGULATORY ANALYST

Signature (Electronic Submission)

Date 09/08/2004

Title 18 U.S.C. Section 1001 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 any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL **

Well Name: San Juan 32-7 #219A
 API #: 30-045-32339
 Location: 935' FSL & 1085' FEL
Sec. 5 - T31N - R7W
San Juan County, NM
 Elevation: 6599' GL (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

Spud: 15-Jul-04
 Release Drl Rig: 19-Jul-04
 Move In Cav Rig: 26-Jul-04
 Release Cav Rig: 18-Aug-04

Surface Casing Date set: 15-Jul-04
 Size 9 5/8 in
 Set at 240 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 240 ft
 TD of 12-1/4" hole 240 ft

Notified BLM @ _____ hrs on 14-Jul-04
 Notified NMOCD @ _____ hrs on 14-Jul-04

Intermediate Casing Date set: 18-Jul-04
 Size 7 in 75 jts
 Set at 3187 ft 0 pups
 Wt. 20 ppf Grade J-55
 Hole Size 8 3/4 in Conn STC
 Excess Cmt 160 % Top of Float Collar 3143 ft
 T.O.C. SURFACE Bottom of Casing Shoe 3187 ft
 Pup @ _____ ft TD of 8-3/4" Hole 3187 ft
 Pup @ _____ ft

Notified BLM @ _____ hrs on _____
 Notified NMOCD @ _____ hrs on _____

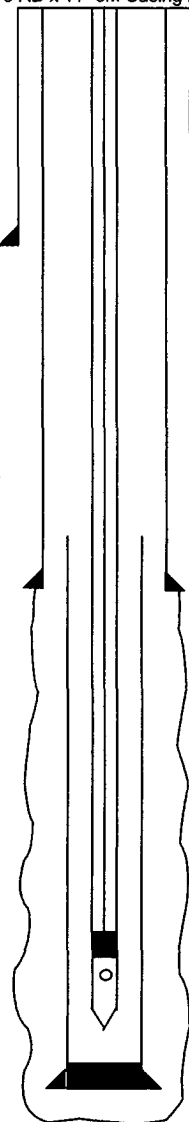
Production Liner Date set: 15-Aug-04
 Size 5 1/2 in
 Nominal Wt. 15.5 ppf
 Grade J-55 Connections: LTC
 # Jnts: 8
 Hole Size 6.25 / 9.5 inches
 Underreamed 6-1/4" hole to 9.5" from 3190' to 3474'
 Top of Liner 3118 ft
 PBTB 3473 ft
 Bottom of Liner 3474 ft

This well was cavitated.

☒ New
☐ Used

☒ New
☐ Used

☒ New
☐ Used



TD 3,474 ft

Surface Cement

Date cmt'd: 15-Jul-04
 Lead : 150 sx Class G Cement
+ 2% BWOC S001 Calcium Chloride
+ 0.25 lb/sx D029 Cellophane Flakes
1.16 cuft/sx, 174.0 cuft slurry at 15.8 ppg
 Displacement: 15.5 bbls fresh wtr
 Bumped Plug at: 23:00 hrs w/ 310 psi
 Final Circ Press: 150 psi @ 2 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: 18-Jul-04
 Lead : 450 sx Class G Cement
+ 3% D079 Extender
+ 0.25 lb/sx D029 Cellophane Flakes
+ 0.2% D046 Antifoam
2.61cuft/sx, 1174.5 cuft slurry at 11.7 ppg
 Tail : 100 sx 50/50 POZ : Class G cement
+ 2% D020 Bentonite
+ 2% S001 Calcium Chloride
+ 5 lb/sx D024 Gilonite
+ 0.25 lb/sx D029 Cellophane Flakes
+ 0.2% D046 Antifoam
1.27 cuft/sx, 127 cuft slurry at 13.5 ppg
 Displacement: 127.5 bbls
 Bumped Plug at: 12:30 hrs w/ 1350 psi
 Final Circ Press: 860 psi @ 2 bpm
 Returns during job: YES
 CMT Returns to surface: 20 bbls
 Floats Held: ☒ Yes ☐ No

UNCEMENTED LINER

Schematic prepared by:
 Steven O. Moore, Drilling Engineer
 30-Aug-2004

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 @ 200'. Displaced top wiper plug with water. Shut in casing head and WOC before backing out landing jt. CENTRALIZERS @ 230', 146', 102' & 59'. Total: 4
7" Intermediate	DISPLACED W/ 127.5 BBLs. FRESH WATER CENTRALIZERS @ 3176', 3142', 3055', 2969', 2883', 211', 84' & 41'. TURBOLIZERS @ 2476', 2433', 2390', & 2347'. Total: 8 Total: 4
5.5" Liner	Ran 5-3/4" OD V-shoe with float valve on bottom of liner. Ran 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: 3210'-3215', 3219'-3224', 3227'-3230', 3246'-3258', 3268'-3274', 3302'-3306', 3368'-3373', 3446'-3452', 3464'-3472'. TOTAL SHOTS 216.
Tubing	2-7/8" OD Orange Peeled Mud Anchor with eight each 0.25" x 8" slots just below the upset, 2-7/8" x 2-3/8" EUE 8rd crossover collar, 2-3/8" OD (1.78" ID) F-Nipple 105 jts 2-3/8" 4.7# J-55 EUE 8rd tubing Bottom of Mud Anchor at 3455'. F-Nipple at 3423' MD RKB.
Pump & Rods	1" OD x 10' long dip tube (with bottom 2' perforated) attached below 1-1/4" RHAC-Z insert pump, 1 ea 4' x 3/4" OD rod sub above pump & 136 ea 25' x 3/4" OD rods, space out with 8' - 4' - 2' x 3/4" OD rod subs 1 ea 1-1/4" OD x 22' polished rod. Set pump in F-Nipple at 3423' MD RKB

Operations Summary Report

Legal Well Name: SAN JUAN 32-7 UNIT 219A

Common Well Name: SAN JUAN 32-7 UNIT 219A

Event Name: COMPLETION

Start: 8/20/2004

Spud Date: 7/15/2004

End: 8/18/2004

Contractor Name:

Rig Release:

Group:

Rig Name:

Rig Number:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
7/27/2004	07:00 - 07:30	0.50	MOVE	SFTY	DEMOB	SAFETY MEETING, RIG CREW & TRUCKING.
	07:30 - 08:30	1.00	MOVE	MOB	DEMOB	LOAD EQUIPMENT.
	08:30 - 12:00	3.50	MOVE	MOB	MIRU	MOVE RIG & EQUIPMENT TO NEW LOCATION, SPOT IN EQUIPMENT.
7/28/2004	12:00 - 19:00	7.00	MOVE	DMOB	MIRU	RIG UP RIG & EQUIPMENT.
	07:00 - 07:30	0.50	TREBOP	SFTY	MIRU	SAFETY MEETING.
	07:30 - 10:00	2.50	TREBOP	NUND	COMPZN	FINISH RIGGING UP EQUIPMENT, PRESS TEST CASING, 300 PSI FOR 3 MIN' 1800 PSI FOR 30 MIN.
	10:00 - 14:00	4.00	RPEQPT	PULD	COMPZN	TALLY DP & DCS, PICK UP RUN IN HOLE WITH 6 1/4" BIT ON BOTTOM TO 3100'
	14:00 - 15:00	1.00	RPEQPT	PRTS	COMPZN	PRESSURE TEST BOPS AS PER COPC REQUIREMENTS.
7/29/2004	15:00 - 19:00	4.00	SURFEQ	SEQP	COMPZN	RIG UP SWIVEL & REST OF EQUIPMENT, SECURE WELL FOR NIGHT.
	07:00 - 11:00	4.00	RPEQPT	SFTY	COMPZN	SAFETY STAND DOWN,
	11:00 - 11:30	0.50	RPEQPT	SFTY	COMPZN	SAFETY MEETING
	11:30 - 12:30	1.00	DRILL	DRLG	COMPZN	UNLOAD HOLE WITH AIR/MIST, DRILL OUT CMT, FLOAT COLLAR & SHOE
	12:30 - 14:00	1.50	DRILL	DRLG	COMPZN	RIG UP MUD LOGGERS.
	14:00 - 21:30	7.50	DRILL	DRLG	COMPZN	DRILL OUT OPEN HOLE WITH 800 CFM AIR/MIST, 6 BPH WATER, 1 GAL FOAMER & 1/4 GAL INHIBITOR PER 10 BBLS, CIRCULATING PRESSURE 350 PSI, WELL STARTED LOADING UP & GETTING TIGHT, PUT ON SECOND COMPRESSOR, CIRCULATE HOLE WITH 1600 CFM AIR/MIST INCREASED CIRCULATING PRESSURE TO 480 PSI. COAL INTERVALS AS FOLLOWS, 3210'-3215'=5', 3219'-3222'=3', 3245'-3257'=12', 3268'-3285'=17', 3302'-3305'=3', 3368'-3373'=5', 3446'-3450'=4', 3465'-3472'=7'.
	21:30 - 22:30	1.00	DRILL	CIRC	COMPZN	CIRCULATE ON BOTTOM, CLEAN UP HOLE.
	22:30 - 00:00	1.50	DRILL	CIRC	COMPZN	CUT OFF WATER, DRY UP HOLE, PULL BIT INTO 7" FOR FLOW TEST.
	00:00 - 01:00	1.00	FLOWT	PRDT	COMPZN	FLOW TEST, 15/MIN-30 PSI=1702 MCF, 30/MIN-29 PSI=1685 MCF, 45/MIN-28 PSI=1644 MCF, 60/MIN-28 PSI=1644 MCF. NO WATER SHOW.
	01:00 - 02:30	1.50	EVALFM	SIPB	COMPZN	SHUT IN FOR PRESSURE BUILD UP, ISIP=45 PSI, 15/MIN=210 PSI, 30/MIN=260 PSI, 45/MIN=300 PSI, 60/MIN=360 PSI, 75/MIN=360 PSI. SURGE OFF PRESSURE.
	02:30 - 05:30	3.00	RPEQPT	TRIP	COMPZN	POOH STANDING BACK DP & DCS.
	05:30 - 06:00	0.50	RPEQPT	PULD	COMPZN	BRAKE OUT BIT, CHANGE OVER TO RUN UNDER REAMER.
	06:00 - 07:00	1.00	RPEQPT	PULD	COMPZN	READY TO RUN UNDER REAMER, RIG SERVICE.
	07:00 - 07:30	0.50	RPEQPT	SFTY	COMPZN	CREW CHANGE, SAFETY MEETING.
	07:30 - 08:30	1.00	RPEQPT	PULD	COMPZN	MAKE UP UNDER REAMER & SHOCK SUB
7/30/2004	08:30 - 09:30	1.00	RPEQPT	TRIP	COMPZN	RUN IN HOLE TO 3190' WITH UNDER REAMER,
	09:30 - 11:00	1.50	RPEQPT	PULD	COMPZN	RIG UP SWIVEL, BRAKE CIRCULATION WITH 1600 CFM AIR/MIST, 10 BPH WATER, 1 GAL FOAMER, 1/4 GAL INHIBITOR PER 10 BBLS, UNLOADED APPROX 4 BBLS WATER
	11:00 - 17:00	6.00	DRILL	DRLG	COMPZN	UNDER REAM OPEN HOLE FROM 3190' TO 3474', TD.
	17:00 - 18:00	1.00	DRILL	CIRC	COMPZN	CIRCULATE HOLE CLEAN.
	18:00 - 19:00	1.00	DRILL	CIRC	COMPZN	CUT WATER, DRY UP HOLE, PULL BIT INTO 7" FOR FLOW TEST.
	19:00 - 20:00	1.00	FLOWT	PRDT	COMPZN	FLOW TEST, 15/MIN-28 PSI=1644 MCF, 30/MIN-27 PSI=1626 MCF, 45/MIN-25 PSI=1578 MCF, 60/MIN-25 PSI=1578 MCF.
	20:00 - 21:00	1.00	EVALFM	SIPB	COMPZN	SHUT IN FOR BUILD UP TEST, ISIP=43 PSI, 15/MIN=220 PSI, 30/MIN=270 PSI, 45/MIN=290 PSI, 60/MIN=300 PSI.
	21:00 - 00:00	3.00	RPEQPT	TRIP	COMPZN	SURGE OFF PRESSURE, POOH, LAY DOWN UNDER REAMER.
	00:00 - 03:00	3.00	RPEQPT	TRIP	COMPZN	MAKE UP BIT TIH, TAG 12' OF FILL CLEAN OUT FILL WITH 1600

CONOCOPHILLIPS CO

Operations Summary Report

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Legal Well Name: SAN JUAN 32-7 UNIT 219A
 Common Well Name: SAN JUAN 32-7 UNIT 219A
 Event Name: COMPLETION
 Contractor Name:
 Rig Name:

Spud Date: 7/15/2004
 Start: 8/20/2004 End: 8/18/2004
 Rig Release: Group:
 Rig Number:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
7/30/2004	00:00 - 03:00	3.00	RPEQPT	TRIP	COMPZN	CFM AIR/MIST. UNLOADED APPROX 4 TO 5 BBLS OF WATER.
	03:00 - 06:00	3.00	DRILL	CIRC	COMPZN	CLEAN OUT FILL WITH 1600 CFM AIR/MIST. UNLOADED APPROX 4 TO 5 BBLS OF WATER.
7/31/2004	06:00 - 07:00	1.00	DRILL	CIRC	COMPZN	CIRCULATE HOLE CLEAN ON BOTTOM.
	07:00 - 07:30	0.50	DRILL	SFTY	COMPZN	CREW CHANGE, SAFETY MEETING.
	07:30 - 08:30	1.00	DRILL	CIRC	COMPZN	CIRCULATE HOLE CLEAN ON BOTTOM.
	08:30 - 09:00	0.50	RPEQPT	PULD	COMPZN	PULL BIT INTO 7"
	09:00 - 17:00	8.00	STIMOP	STIM	COMPZN	CONDUCT 4 PAD SURGES, BRAKE OVER POINT 1250 TO 1350 PSI.
	17:00 - 17:30	0.50	RPEQPT	PULD	COMPZN	TIH FROM SHOE, TAG BRIDG AT 3346'
	17:30 - 19:00	1.50	DRILL	CIRC	COMPZN	CLEAN OUT BRIDGE, TAG FILL AT 3410', CLEAN OUT TO 3474' WITH 900 CFM AIR/MIST 6 BPH WATER, 1 GAL FOAMER, 1/4 GAL INHIBITOR PER 10 BBLS. CIRCULATING PRESSURE 450 TO 500 PSI, RETURNS 95 % COAL, 5% SHALE, FINE GRANULAR RETURNS, MAKING 2 BKTS PER HR.
	19:00 - 19:30	0.50	DRILL	SFTY	COMPZN	CREW CHANGE, SAFETY MEETING.
	19:30 - 06:00	10.50	DRILL	CIRC	COMPZN	CLEAN OUT AT 3474' WITH 900 CFM AIR/MIST 6 BPH WATER, 1 GAL FOAMER, 1/4 GAL INHIBITOR PER 10 BBLS. CIRCULATING PRESSURE 450 TO 500 PSI, RETURNS 95 % COAL, 5% SHALE, FINE GRANULAR RETURNS, MAKING 2 BKTS PER HR DOWN TO 1 1/2 BKTS
8/1/2004	06:00 - 07:00	1.00	DRILL	CIRC	COMPZN	CLEANING OUT ON BOTTOM.
	07:00 - 07:30	0.50	DRILL	SFTY	COMPZN	CREW CHANGE, SAFETY MEETING.
	07:30 - 08:30	1.00	DRILL	CIRC	COMPZN	CLEAN OUT AT 3474' WITH 900 CFM AIR/MIST 6 BPH WATER, 1 GAL FOAMER, 1/4 GAL INHIBITOR PER 10 BBLS. CIRCULATING PRESSURE 450 TO 500 PSI, RETURNS 95 % COAL, 5% SHALE, FINE GRANULAR RETURNS, MAKING 1 1/2 BKTS PER HR INCREASED TO 2 1/2 BKTS
	08:30 - 09:30	1.00	DRILL	CIRC	COMPZN	CLEAN OUT AT 3474' WITH 900 CFM AIR/MIST 6 BPH WATER, 1 GAL FOAMER, 1/4 GAL INHIBITOR PER 10 BBLS. CIRCULATING PRESSURE 450 TO 500 PSI, RETURNS 95 % COAL, 5% SHALE, FINE GRANULAR RETURNS, SLOWED DOWN TO 1/2 BKT PER HR.
	09:30 - 10:00	0.50	RPEQPT	PULD	COMPZN	PULL BIT INTO 7"
	10:00 - 22:30	12.50	STIMOP	STIM	COMPZN	CONDUCT 3 HYDRAULIC SURGES, WELL BRIDGE OFF DURING THIRD SURGE.
	22:30 - 23:00	0.50	RPEQPT	PULD	COMPZN	RUN IN HOLE FROM 7" TAG FILL AT 3270'
	23:00 - 06:00	7.00	DRILL	CIRC	COMPZN	CLEAN OUTFROM 3270'-3300' WITH 900 CFM AIR/MIST 6 BPH WATER, 1 GAL FOAMER, 1/4 GAL INHIBITOR PER 10 BBLS. CIRCULATING PRESSURE 450 TO 500 PSI, RETURNS 95 % COAL, 5% SHALE, FINE GRANULAR TO 1/4" CHIPS, MAKING 4 BKTS PER HR AT SAMPLE CATCHER.
8/2/2004	06:00 - 07:00	1.00	DRILL	CIRC	COMPZN	CLEAN OUTFROM 3270'-3300' WITH 900 CFM AIR/MIST 6 BPH WATER, 1 GAL FOAMER, 1/4 GAL INHIBITOR PER 10 BBLS. CIRCULATING PRESSURE 450 TO 500 PSI, RETURNS 95 % COAL, 5% SHALE, FINE GRANULAR TO 1/4" CHIPS, MAKING 4 BKTS PER HR AT SAMPLE CATCHER.
	07:00 - 07:30	0.50	DRILL	SFTY	COMPZN	CREW CHANGE, SAFTY MEETING.
	07:30 - 19:00	11.50	DRILL	CIRC	COMPZN	CLEAN OUT FROM 3270'-3300' WITH 900 CFM AIR/MIST 6 BPH WATER, 1 GAL FOAMER, 1/4 GAL INHIBITOR PER 10 BBLS. CIRCULATING PRESSURE 450 TO 500 PSI, RETURNS 95 % COAL, 5% SHALE, FINE GRANULAR TO 1/4" CHIPS, MAKING 4 BKTS PER HR AT SAMPLE CATCHER.
	19:00 - 19:30	0.50	DRILL	SFTY	COMPZN	CREW CHANGE, SAFTY MEETING.

Operations Summary Report

Legal Well Name: SAN JUAN 32-7 UNIT 219A

Common Well Name: SAN JUAN 32-7 UNIT 219A

Event Name: COMPLETION

Contractor Name:

Rig Name:

Start: 8/20/2004

Rig Release:

Rig Number:

Spud Date: 7/15/2004

End: 8/18/2004

Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
8/2/2004	19:30 - 22:00	2.50	DRILL	CIRC	COMPZN	CLEAN OUT FROM 3270'-3300' WITH 900 CFM AIR/MIST 6 BPH WATER, 1 GAL FOAMER, 1/4 GAL INHIBITOR PER 10 BBLS. CIRCULATING PRESSURE 450 TO 500 PSI, RETURNS 95 % COAL, 5% SHALE, FINE GRANULAR TO 1/4" CHIPS, MAKING 4 BKTS PER HR DOWN TO 1 1/2 BKTS AT SAMPLE CATCHER.
	22:00 - 06:00	8.00	DRILL	CIRC	COMPZN	MAKE CONNECTION, RETURNS INCREASED TO 3 BKTS PER HR. CONTINUE CLEANING OUT AT 3330' WITH 900 CFM AIR/MIST 6 BPH WATER, 1 GAL FOAMER, 1/4 GAL INHIBITOR PER 10 BBLS. CIRCULATING PRESSURE 450 TO 500 PSI, RETURNS 95 % COAL, 5% SHALE, FINE GRANULAR TO 1/4" CHIPS,
8/3/2004	06:00 - 07:00	1.00	DRILL	CIRC	COMPZN	CLEANING OUT AT 3330' WITH 900 CFM AIR/MIST 6 BPH WATER, 1 GAL FOAMER, 1/4 GAL INHIBITOR PER 10 BBLS. CIRCULATING PRESSURE 450 TO 500 PSI, RETURNS 3 BKTS PER HR 95 % COAL, 5% SHALE, FINE GRANULAR TO 1/4" CHIPS,
	07:00 - 07:30	0.50	DRILL	SFTY	COMPZN	CREW CHANGE, SAFETY MEETING.
	07:30 - 12:00	4.50	DRILL	CIRC	COMPZN	CLEANING OUT AT 3330' WITH 900 CFM AIR/MIST 6 BPH WATER, 1 GAL FOAMER, 1/4 GAL INHIBITOR PER 10 BBLS. CIRCULATING PRESSURE 450 TO 500 PSI, RETURNS 3 BKTS PER HR DOWN TO 1 1/2 BKTS 95 % COAL, 5% SHALE, FINE GRANULAR TO 1/4" CHIPS,
	12:00 - 19:00	7.00	DRILL	CIRC	COMPZN	CLEANING OUT FROM 3330' TO 3474, WITH 900 CFM AIR/MIST 6 BPH WATER, 1 GAL FOAMER, 1/4 GAL INHIBITOR PER 10 BBLS. CIRCULATING PRESSURE 450 TO 500 PSI, RETURNS INCREASED TO 3 BKTS PER HR ON BOTTOM 95 % COAL, 5% SHALE, FINE GRANULAR TO 1/4" CHIPS,
	19:00 - 19:30	0.50	DRILL	SFTY	COMPZN	CREW CHANGE, SAFETY MEETING.
	19:30 - 06:00	10.50	DRILL	CIRC	COMPZN	CLEANING OUT AT 3474, WITH 900 CFM AIR/MIST 6 BPH WATER, 1 GAL FOAMER, 1/4 GAL INHIBITOR PER 10 BBLS. CIRCULATING PRESSURE 450 TO 500 PSI, RETURNS 2 BKTS DOWN TO 1 1/2 BKTS PER HR. 95 % COAL, 5% SHALE, FINE GRANULAR TO 1/4" CHIPS,
8/4/2004	06:00 - 07:00	1.00	DRILL	CIRC	COMPZN	CLEANING OUT AT 3474, WITH 900 CFM AIR/MIST 6 BPH WATER, 1 GAL FOAMER, 1/4 GAL INHIBITOR PER 10 BBLS. CIRCULATING PRESSURE 450 PSI, RETURNS 1 1/2 BKTS PER HR. 95 % COAL, 5% SHALE, FINE GRANULAR TO 1/4" CHIPS,
	07:00 - 07:30	0.50	DRILL	SFTY	COMPZN	CREW CHANGE, SAFETY MEETING.
	07:30 - 09:00	1.50	DRILL	CIRC	COMPZN	CLEANING OUT AT 3474, WITH 900 CFM AIR/MIST 6 BPH WATER, 1 GAL FOAMER, 1/4 GAL INHIBITOR PER 10 BBLS. CIRCULATING PRESSURE 500 PSI, RETURNS 1 1/2 BKTS PER HR. 95 % COAL, 5% SHALE, FINE GRANULAR TO 1/4" CHIPS, HOLE STARTED GETTING TIGHT, PULL BIT UP TO 7", RUN BACK IN HOLE, TAG FILL AT 3264'
	09:00 - 19:00	10.00	DRILL	CIRC	COMPZN	CLEANING OUT FROM 3264' TO 3295', WITH 900 CFM AIR/MIST 6 BPH WATER, 1 GAL FOAMER, 1/4 GAL INHIBITOR PER 10 BBLS. CIRCULATING PRESSURE 450 PSI, WELL LOADING UP BRING ON SECOND COMP, INCREASE AIR TO 1600 CFM CIRCULATING PRESSURE 500 PSI RETURNS 4 BKTS PER HR. 95 % COAL, 5% SHALE, FINE GRANULAR TO 1/4" CHIPS,
	19:00 - 19:30	0.50	DRILL	SFTY	COMPZN	CREW CHANGE, SAFETY MEETING.
	19:30 - 06:00	10.50	DRILL	SFTY	COMPZN	CLEANING OUT AT 3295', WITH 1600 CFM AIR/MIST 6 BPH WATER, 1 GAL FOAMER, 1/4 GAL INHIBITOR PER 10 BBLS. CIRCULATING PRESSURE 500 PSI, RETURNS 4 BKTS PER HR DOWN TO 3 BKTS PER HR 95 % COAL, 5% SHALE, FINE GRANULAR TO 1/4" CHIPS,
8/5/2004	06:00 - 07:00	1.00	DRILL	CIRC	COMPZN	CLEANING OUT AT 3295', WITH 1600 CFM AIR/MIST 6 BPH

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Legal Well Name: SAN JUAN 32-7 UNIT 219A

Common Well Name: SAN JUAN 32-7 UNIT 219A

Event Name: COMPLETION

Contractor Name:

Rig Name:

Start: 8/20/2004

Rig Release:

Rig Number:

Spud Date: 7/15/2004

End: 8/18/2004

Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
8/5/2004	06:00 - 07:00	1.00	DRILL	CIRC	COMPZN	WATER, 1 GAL FOAMER, 1/4 GAL INHIBITOR PER 10 BBLS. CIRCULATING PRESSURE 500 PSI, RETURNS 3 BKTS PER HR 95 % COAL, 5% SHALE, FINE GRANULAR TO 1/4" CHIPS,
	07:00 - 07:30	0.50	DRILL	SFTY	COMPZN	CREW CHANGE, SAFETY MEETING.
	07:30 - 10:00	2.50			COMPZN	CLEANING OUT FROM 3295'-3323', WITH 1600 CFM AIR/MIST 6 BPH WATER, 1 GAL FOAMER, 1/4 GAL INHIBITOR PER 10 BBLS. CIRCULATING PRESSURE 500 PSI, RETURNS 3 BKTS PER HR 95 % COAL, 5% SHALE, FINE GRANULAR TO 1/4" CHIPS,
	10:00 - 10:30	0.50	RPEQPT	PULD	COMPZN	PULL BIT INTO 7"
	10:30 - 18:00	7.50	STIMOP	STIM	COMPZN	CONDUCT 5 NATURAL SURGES, PRESSURE BUILD UP FOR 1 1/2 HRS WAS 245 PSI ON EACH SURGE, RETURNS, HEAVY MIST & LIGHT TO MEDIUM COAL FINES.
	18:00 - 19:00	1.00	RPEQPT	PULD	COMPZN	TIH FROM SHOE, TAG FILL AT 3280', PULL BACK INTO 7".
	19:00 - 19:30	0.50	STIMOP	SFTY	COMPZN	CREW CHANGE, SAFETY MEETING.
	19:30 - 06:00	10.50	STIMOP	STIM	COMPZN	CONDUCT 4 PAD SURGES, BRAKE OVER 1250 PSI, RETURNS WATER & FINE GRANULAR COAL FINES,
						RELEASE 4TH SURGE, RETURNS HEAVY MIST, & COAL FINES
						CREW CHANGE, SAFETY MEETING.
8/6/2004	06:00 - 07:00	1.00	STIMOP	STIM	COMPZN	TIH FROM SHOE, TAG FILL @ 3192', BRAKE CIRCULATION WITH AIR/MIST
	07:00 - 07:30	0.50	RPEQPT	SFTY	COMPZN	
	07:30 - 09:00	1.50	RPEQPT	PULD	COMPZN	CLEANING OUT FROM 3192'-3264' WITH 1600 CFM AIR/MIST 6 BPH WATER, 1 GAL FOAMER, 1/4 GAL INHIBITOR PER 10 BBLS. CIRCULATING PRESSURE 450 PSI, RETURNS 4 BKTS PER HR 90 % COAL, 10% SHALE, FINE GRANULAR TO 1/4" CHIPS,
	09:00 - 19:00	10.00	DRILL	CIRC	COMPZN	CREW CHANGE, SAFETY MEETING.
	19:00 - 19:30	0.50	DRILL	CIRC	COMPZN	CLEANING OUT AT 3264' WITH 1600 CFM AIR/MIST 6 BPH WATER, 1 GAL FOAMER, 1/4 GAL INHIBITOR PER 10 BBLS. CIRCULATING PRESSURE 450 PSI, RETURNS 4 BKTS PER HR DOWN TO 2 BKTS PER HR 90 % COAL, 10% SHALE, FINE GRANULAR TO 1/4" CHIPS,
	19:30 - 06:00	10.50	DRILL	CIRC	COMPZN	CREW CHANGE, SAFETY MEETING.
8/7/2004	06:00 - 07:00	1.00	DRILL	CIRC	COMPZN	CLEANING OUT AT 3264' WITH 1600 CFM AIR/MIST 6 BPH WATER, 1 GAL FOAMER, 1/4 GAL INHIBITOR PER 10 BBLS. CIRCULATING PRESSURE 450 PSI, RETURNS 2 BKTS PER HR 90 % COAL, 10% SHALE, FINE GRANULAR TO 1/4" CHIPS,
	07:00 - 07:30	0.50	DRILL	SFTY	COMPZN	CREW CHANGE, SAFETY MEETING.
	07:30 - 19:00	11.50	DRILL	CIRC	COMPZN	MAKE CONNECTION CLEANING OUT FROM 3264' TO 3295' WITH 1600 CFM AIR/MIST 6 BPH WATER, 1 GAL FOAMER, 1/4 GAL INHIBITOR PER 10 BBLS. CIRCULATING PRESSURE 450 PSI, RETURNS 4 BKTS PER HR 90 % COAL, 10% SHALE, FINE GRANULAR TO 1/4" CHIPS,
	19:00 - 19:30	0.50	DRILL	CIRC	COMPZN	CREW CHANGE, SAFETY MEETING.
	19:30 - 06:00	10.50	DRILL	CIRC	COMPZN	CLEANING OUT AT 3295' WITH 1600 CFM AIR/MIST 6 BPH WATER, 1 GAL FOAMER, 1/4 GAL INHIBITOR PER 10 BBLS. CIRCULATING PRESSURE 450 PSI, RETURNS 4 BKTS PER HR DOWN TO 2 BKTS PER HR 90 % COAL, 10% SHALE, FINE GRANULAR TO 1/4" CHIPS,
						CLEANING OUT AT 3295' WITH 1600 CFM AIR/MIST 6 BPH WATER, 1 GAL FOAMER, 1/4 GAL INHIBITOR PER 10 BBLS. CIRCULATING PRESSURE 450 PSI, RETURNS 2 BKTS PER HR 90 % COAL, 10% SHALE, FINE GRANULAR TO 1/4" CHIPS,
8/8/2004	06:00 - 07:00	1.00	DRILL	CIRC	COMPZN	CREW CHANGE, SAFETY MEETING.
	07:00 - 07:30	0.50	DRILL	SFTY	COMPZN	MAKE CONNECTIONS CLEAN OUT FROM 3295' TO 3390' WITH 1600 CFM AIR/MIST 6 BPH WATER, 1 GAL FOAMER, 1/4 GAL INHIBITOR PER 10 BBLS. CIRCULATING PRESSURE 450 PSI,
	07:30 - 19:00	11.50	DRILL	CIRC	COMPZN	

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Rig Release:

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Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
8/8/2004	07:30 - 19:00	11.50	DRILL	CIRC	COMPZN	RETURNS 3 BKTS PER HR 90 % COAL, 10% SHALE, FINE GRANULAR TO 1/4" CHIPS,
	19:00 - 19:30	0.50	DRILL	CIRC	COMPZN	CREW CHANGE, SAFETY MEETING.
	19:30 - 06:00	10.50	DRILL	CIRC	COMPZN	MAKE CONNECTIONS CLEAN OUT FROM 3390' TO 3450' WITH 1600 CFM AIR/MIST 6 BPH WATER, 1 GAL FOAMER, 1/4 GAL INHIBITOR PER 10 BBLS. CIRCULATING PRESSURE 450 PSI, RETURNS 4 BKTS PER HR 90 % COAL, 10% SHALE, FINE GRANULAR TO 1/4" CHIPS,
8/9/2004	06:00 - 07:00	1.00	DRILL	CIRC	COMPZN	CLEANING OUT AT 3450' WITH 1600 CFM AIR/MIST 6 BPH WATER, 1 GAL FOAMER, 1/4 GAL INHIBITOR PER 10 BBLS. CIRCULATING PRESSURE 450 PSI, RETURNS 4 BKTS PER HR 90 % COAL, 10% SHALE, FINE GRANULAR TO 1/4" CHIPS,
	07:00 - 07:30	0.50	DRILL	SFTY	COMPZN	CREW CHANGE, SAFETY MEETING.
	07:30 - 17:00	9.50	DRILL	CIRC	COMPZN	CLEANING OUT AT 3450' WITH 1600 CFM AIR/MIST 6 BPH WATER, 1 GAL FOAMER, 1/4 GAL INHIBITOR PER 10 BBLS. CIRCULATING PRESSURE 450 PSI, RETURNS 4 BKTS PER HR DOWN 2 PER HR 90 % COAL, 10% SHALE, FINE GRANULAR TO 1/4" CHIPS,
	17:00 - 19:00	2.00	DRILL	CIRC	COMPZN	MAKE CONNECTION CLEAN OUT FROM 3450' TO 3474' WITH 1600 CFM AIR/MIST 6 BPH WATER, 1 GAL FOAMER, 1/4 GAL INHIBITOR PER 10 BBLS. CIRCULATING PRESSURE 450 PSI, RETURNS 4 BKTS PER HR 90 % COAL, 10% SHALE, FINE GRANULAR TO 1/4" CHIPS,
	19:00 - 19:30	0.50	DRILL	SFTY	COMPZN	CREW CHANGE, SAFETY MEETING.
8/10/2004	19:30 - 06:00	10.50	DRILL	CIRC	COMPZN	CLEANING OUT AT 3474' WITH 1600 CFM AIR/MIST 6 BPH WATER, 1 GAL FOAMER, 1/4 GAL INHIBITOR PER 10 BBLS. CIRCULATING PRESSURE 450 PSI, RETURNS 4 BKTS PER HR DOWN TO 2 BKTS PER HR 90 % COAL, 10% SHALE, FINE GRANULAR TO 1/4" CHIPS,
	06:00 - 07:00	1.00	DRILL	CIRC	COMPZN	CLEANING OUT AT 3474' WITH 1600 CFM AIR/MIST 6 BPH WATER, 1 GAL FOAMER, 1/4 GAL INHIBITOR PER 10 BBLS. CIRCULATING PRESSURE 450 PSI, RETURNS 2 BKTS PER HR 90 % COAL, 10% SHALE, FINE GRANULAR TO 1/4" CHIPS,
	07:00 - 07:30	0.50	DRILL	SFTY	COMPZN	CREW CHANGE, SAFETY MEETING.
	07:30 - 11:00	3.50	DRILL	CIRC	COMPZN	CLEANING OUT AT 3474' WITH 1600 CFM AIR/MIST 6 BPH WATER, 1 GAL FOAMER, 1/4 GAL INHIBITOR PER 10 BBLS. CIRCULATING PRESSURE 450 PSI, RETURNS 2 BKTS PER HR DOWN TO 1 1/2 BKTS PER HR 90 % COAL, 10% SHALE, FINE GRANULAR TO 1/4" CHIPS,
	11:00 - 17:00	6.00	DRILL	CIRC	COMPZN	CUT WATER OFF TRY TO DRY UP HOLE, WELL CONTINUED MAKING WATER, ESTIMATED 1/2 BPH WATER
	17:00 - 17:30	0.50	RPEQPT	PULD	COMPZN	PULL BIT INTO 7" FOR FLOW TEST.
	17:30 - 18:30	1.00	FLOWT	PRDT	COMPZN	FLOW TEST, 15/MIN-26 PSI=1584 MCF, 30/MIN-33 PSI=1793 MCF, 45/MIN-38 PSI=1917 MCF, 60/MIN-38 PSI=1917 MCF. WELL MAKING HEAVY MIST DURING FLOW TEST.
	18:30 - 19:30	1.00	EVALFM	SIPB	COMPZN	SHUT IN FOR PRESSURE BUILD UP, ISIP=60 PSI, 15/MIN=200 PSI, 30/MIN=235 PSI, 45/MIN=247 PSI, 60/MIN=250 PSI. CREW CHANGE, SAFETY MEETING.
	19:30 - 20:00	0.50	STIMOP	STIM	COMPZN	SURGE OFF PRESSURE FROM BUILD UP.
	20:00 - 01:30	5.50	STIMOP	STIM	COMPZN	CONDUCT NATURAL SURGES WITH 1 HR BUILD UP, #1 SURGE #1 15/ MIN=200 PSI, 30/MIN=240 PSI, 45/MIN=250 PSI, 60/MIN=255 PSI. SURGE #2 15/MIN=210 PSI, 30/MIN=230 PSI, 45/MIN=240 PSI, 60/MIN=250 PSI. SURGE #3 15/MIN=220 PSI, 30/MIN=245 PSI, 45/MIN=250 PSI, 60/MIN=255 PSI. SURGE #4 15/MIN=220 PSI,

CONOCOPHILLIPS CO

Operations Summary Report

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 Common Well Name: SAN JUAN 32-7 UNIT 219A
 Event Name: COMPLETION
 Contractor Name:
 Rig Name:

Spud Date: 7/15/2004
 Start: 8/20/2004 End: 8/18/2004
 Rig Release: Group:
 Rig Number:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
8/10/2004	20:00 - 01:30	5.50	STIMOP	STIM	COMPZN	30/MIN=240 PSI' 45/MIN=250 PSI, 60/MIN=253 PSI.
	01:30 - 06:00	4.50	RPEQPT	CIRC	COMPZN	TIH FROM SHOE, TAG FILL AT 3220', CLEAN OUT FROM 3220' TO 3230' WITH 1600 CFM AIR/MIST 6 BPH WATER, 1 GAL FOAMER, 1/4 GAL INHIBITOR PER 10 BBLS. CIRCULATING PRESSURE 450 PSI, RETURNS 3 BKTS PER HR DOWN TO 2 BKTS PER HR 90 % COAL, 10% SHALE, FINE GRANULAR TO 1/4" CHIPS,
8/11/2004	06:00 - 07:00	1.00	DRILL	CIRC	COMPZN	CLEANING OUT AT 3230' WITH 1600 CFM AIR/MIST 6 BPH WATER, 1 GAL FOAMER, 1/4 GAL INHIBITOR PER 10 BBLS. CIRCULATING PRESSURE 450 PSI, RETURNS 3 BKTS PER HR DOWN TO 2 BKTS PER HR 90 % COAL, 10% SHALE, FINE GRANULAR TO 1/4" CHIPS,
	07:00 - 07:30	0.50	DRILL	SFTY	COMPZN	CREW CHANGE, SAFETY MEETING.
	07:30 - 19:00	11.50	DRILL	CIRC	COMPZN	MAKE CONNECTIONS CLEAN OUT FROM 3230' TO 3295' WITH 1600 CFM AIR/MIST 6 BPH WATER, 1 GAL FOAMER, 1/4 GAL INHIBITOR PER 10 BBLS. CIRCULATING PRESSURE 450 PSI, RETURNS 3 BKTS PER HR 90 % COAL, 10% SHALE, FINE GRANULAR TO 1/4" CHIPS,
	19:00 - 19:30	0.50	DRILL	SFTY	COMPZN	CREW CHANGE, SAFETY MEETING.
8/12/2004	19:30 - 06:00	10.50	DRILL	CIRC	COMPZN	CLEANING OUT AT 3295' WITH 1600 CFM AIR/MIST 6 BPH WATER, 1 GAL FOAMER, 1/4 GAL INHIBITOR PER 10 BBLS. CIRCULATING PRESSURE 450 PSI, RETURNS 3 BKTS PER HR DOWN TO 2 BKTS PER HR 90 % COAL, 10% SHALE, FINE GRANULAR TO 1/4" CHIPS,
	06:00 - 07:00	1.00	DRILL	CIRC	COMPZN	CLEANING OUT AT 3295' WITH 1600 CFM AIR/MIST 6 BPH WATER, 1 GAL FOAMER, 1/4 GAL INHIBITOR PER 10 BBLS. CIRCULATING PRESSURE 450 PSI, RETURNS 3 BKTS PER HR 90 % COAL, 10% SHALE, FINE GRANULAR TO 1/4" CHIPS,
	07:00 - 07:30	0.50	DRILL	SFTY	COMPZN	CREW CHANGE, SAFETY MEETING.
	07:30 - 10:00	2.50	DRILL	CIRC	COMPZN	CLEANING OUT AT 3295' WITH 1600 CFM AIR/MIST 6 BPH WATER, 1 GAL FOAMER, 1/4 GAL INHIBITOR PER 10 BBLS. CIRCULATING PRESSURE 450 PSI, RETURNS 3 BKTS PER HR 90 % COAL, 10% SHALE, FINE GRANULAR TO 1/4" CHIPS,
8/13/2004	10:00 - 11:30	1.50	RPEQPT	PULD	COMPZN	PULL BIT INTO 7", WORK ON BOOSTER, TIH TAG FILL @3275'.
	11:30 - 19:00	7.50	DRILL	CIRC	COMPZN	CLEAN OUT FROM 3275' TO 3295' WITH 1600 CFM AIR/MIST 6 BPH WATER, 1 GAL FOAMER, 1/4 GAL INHIBITOR PER 10 BBLS. CIRCULATING PRESSURE 450 PSI, RETURNS 3 BKTS PER HR 90 % COAL, 10% SHALE, FINE GRANULAR TO 1/4" CHIPS,
	19:00 - 19:30	0.50	DRILL	SFTY	COMPZN	CREW CHANGE, SAFETY MEETING.
	19:30 - 06:00	10.50	DRILL	CIRC	COMPZN	CLEANING OUT 3295' WITH 1600 CFM AIR/MIST 6 BPH WATER, 1 GAL FOAMER, 1/4 GAL INHIBITOR PER 10 BBLS. CIRCULATING PRESSURE 450 PSI, RETURNS 3 BKTS PER HR DOWN TO 1 1/2 BKTS 90 % COAL, 10% SHALE, FINE GRANULAR TO 1/4" CHIPS,
8/13/2004	06:00 - 07:00	1.00	DRILL	CIRC	COMPZN	CLEANING OUT 3295' WITH 1600 CFM AIR/MIST 6 BPH WATER, 1 GAL FOAMER, 1/4 GAL INHIBITOR PER 10 BBLS. CIRCULATING PRESSURE 450 PSI, RETURNS 1 1/2 BKTS PER HR 90 % COAL, 10% SHALE, FINE GRANULAR TO 1/4" CHIPS,
	07:00 - 07:30	0.50	DRILL	SFTY	COMPZN	CREW CHANGE, SAFTY MEETING.
	07:30 - 19:00	11.50	DRILL	CIRC	COMPZN	MAKE CONECTIONS, CLEAN OUT FROM 3295' TO 3474' WITH 1600 CFM AIR/MIST 6 BPH WATER, 1 GAL FOAMER, 1/4 GAL INHIBITOR 1/4 GAL POLIMER PER 10 BBLS. CIRCULATING PRESSURE 450 PSI, RETURNS 3BKTS PER HR 90 % COAL, 10% SHALE, FINE GRANULAR TO 1/4" CHIPS,
	19:00 - 19:30	0.50	DRILL	SFTY	COMPZN	CREW CHANGE, SAFETY MEETING.
8/13/2004	19:30 - 06:00	10.50	DRILL	CIRC	COMPZN	CLEANING OUT AT 3474' WITH 1600 CFM AIR/MIST 6 BPH WATER,

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Common Well Name: SAN JUAN 32-7 UNIT 219A

Event Name: COMPLETION

Contractor Name:

Rig Name:

Start: 8/20/2004

Rig Release:

Rig Number:

Spud Date: 7/15/2004

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Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
8/13/2004	19:30 - 06:00	10.50	DRILL	CIRC	COMPZN	1 GAL FOAMER, 1/4 GAL INHIBITOR 1/4 GAL POLIMER PER 10 BBLS. CIRCULATING PRESSURE 450 PSI, RETURNS 3 BKTS PER HR DOWN TO 1 1/2 BKTS 90 % COAL, 10% SHALE, FINE GRANULAR TO 1/4" CHIPS,
8/14/2004	06:00 - 07:00	1.00	DRILL	CIRC	COMPZN	CLEANING OUT AT 3474' WITH 1600 CFM AIR/MIST 6 BPH WATER, 1 GAL FOAMER, 1/4 GAL INHIBITOR 1/4 GAL POLIMER PER 10 BBLS. CIRCULATING PRESSURE 450 PSI, RETURNS 1 1/2 BKTS PER HR 90 % COAL, 10% SHALE, FINE GRANULAR TO 1/4" CHIPS, CREW CHANGE, SAFETY MEETING.
	07:00 - 07:30	0.50	DRILL	SFTY	COMPZN	CUT WATER TRY TO DRY UP HOLE, HOLE WOULD NOT DRY UP
	07:30 - 11:30	4.00	DRILL	CIRC	COMPZN	PULL BIT INTO 7" FOR FLOW TEST.
	11:30 - 12:00	0.50	RPEQPT	PULD	COMPZN	FLOW TEST, 15/MIN-35 PSI=1848 MCF, 30/MIN-38 PSI=1917 MCF, 45/MIN-42 PSI=1991 MCF, 60/MIN-42 PSI=1991 MCF.
	12:00 - 13:00	1.00	FLOWT	PRDT	COMPZN	SHUT IN WELL, PIPE LINE & WELDING OPERATIONS BY BLOW PIT. BLEED OFF PRESSURE THROUGH CHOKE MANIFOLD, TIH, TAG 20' FILL, CLEAN OUT TO 3474' WITH 1600 CFM AIR/MIST 6 BPH WATER, 1 GAL FOAMER, 1/4 GAL INHIBITOR 1 GAL POLIMER PER 10 BBLS. CIRCULATING PRESSURE 450 PSI, RETURNS 3 BKTS PER HR 90 % COAL, 10% SHALE, FINE GRANULAR TO 1/4" CHIPS, CREW CHANGE, SAFETY MEETING.
	13:00 - 17:00	4.00	SURFEQ	WOCT	COMPZN	CLEANING OUT AT 3474' WITH 1600 CFM AIR/MIST 6 BPH WATER, 1 GAL FOAMER, 1/4 GAL INHIBITOR 1 GAL POLIMER PER 10 BBLS. CIRCULATING PRESSURE 450 PSI, RETURNS 3 BKTS PER HR 90 % COAL, 10% SHALE, FINE GRANULAR TO 1/4" CHIPS, CREW CHANGE, SAFETY MEETING.
	17:00 - 19:00	2.00	RPEQPT	PULD	COMPZN	CLEANING OUT AT 3474' WITH 1600 CFM AIR/MIST 6 BPH WATER, 1 GAL FOAMER, 1/4 GAL INHIBITOR 1 GAL POLIMER PER 10 BBLS. CIRCULATING PRESSURE 450 PSI, RETURNS 3 BKTS PER HR 90 % COAL, 10% SHALE, FINE GRANULAR TO 1/4" CHIPS,
	19:00 - 19:30	0.50	DRILL	SFTY	COMPZN	
	19:30 - 06:00	10.50	DRILL	CIRC	COMPZN	
8/15/2004	06:00 - 07:00	1.00	EVALFM	OTHR	COMPZN	R&R CONDITION HOLE @ 3474'(TD) W/ 1600CFM AIR, 06 BPH MIST W/ 1GAL 450 FOAMER, 1/4 GAL INHIBITOR & 1/2 GAL POLY PR/ 10BBLS OF PRODUCED H2O. CIRCULATING PRESSURE- 450PSI. RETURNS OF MOD COAL CHIPS & FINES. 2 BKTS PR/ HR FR SAMPLE CATCHER. 90% COAL, 10% SHALE.
	07:00 - 07:30	0.50	EVALFM	SFTY	COMPZN	CREW CHANGE. SAFETY MEETING & RIG SERVICE.
	07:30 - 19:00	11.50	EVALFM	OTHR	COMPZN	R&R CONDITION HOLE @ 3474' W/ 1600CFM AIR- MIST. CIRCULATING PRESSURE- 450PSI. RETURNS OF MOD- LT COAL CHIPS & FINES. 2 DN TO 1BKT PR/ HR FR SAMPLE CATCHER. 90% COAL, 10% SHALE.
	19:00 - 19:15	0.25	EVALFM	SFTY	COMPZN	CREW CHANGE & SAFETY MEETING.
	19:15 - 05:00	9.75	EVALFM	OTHR	COMPZN	R&R CONDITION HOLE @ 3474' W/ 1600CFM AIR- MIST. CIRCULATING PRESSURE- 450PSI. RETURNS OF LT COAL CHIPS & FINES. 1 DN TO 1/2 BKT PR/ HR FR SAMPLE CATCHER. 90% COAL, 10% SHALE.
8/16/2004	05:00 - 06:00	1.00	EVALFM	PULD	COMPZN	LD 10-JTS OF 2 7/8" DP. HANG SWIVEL & POOH W/ BIT.
	06:00 - 07:00	1.00	EVALFM	TRIP	COMPZN	CONTINUE POOH W/ BIT.
	07:00 - 07:30	0.50	EVALFM	SFTY	COMPZN	CREW CHANGE. SAFETY MEETING & RIG SERVICE.
	07:30 - 09:00	1.50	EVALFM	RURD	COMPZN	RU TO RUN 5 1/2" CSG LINER. PRESSURE TEST 5 1/2" CSG RAMS TO 300PSI.
	09:00 - 11:30	2.50	EVALFM	PULD	COMPZN	MU 5 3/4" V SHOE W/ INSERT FLOAT ON BOTTOM OF 1-JT OF 5 1/2", 15.5#, J-55, 8-RD CSG. TIH PICKING UP 7 ADDITIONAL JTS. (TOTAL LENGTH- 355'). MU 5 1/2"x 7" H LATCH DROP OFF TOOL ON TO P OF CSG. TIH W/ 2 7/8" DP. TAG UP @ 3464'(10' FILL).
	11:30 - 12:15	0.75	EVALFM	OTHR	COMPZN	PU SWIVEL & BREAK CIRCULATION W/ 1600CFM AIR- MIST. CLEAN OUT TO 3474'(TD). SLACK OFF WT & DROP OFF CSG. BOTTOM OF V SHOE @ 3474'. TOP OF FLOAT @ 3473'. TOP OF LINER @ 3118'.

Operations Summary Report

Legal Well Name: SAN JUAN 32-7 UNIT 219A

Common Well Name: SAN JUAN 32-7 UNIT 219A

Event Name: COMPLETION

Contractor Name:

Rig Name:

Start: 8/20/2004

Rig Release:

Rig Number:

Spud Date: 7/15/2004

End: 8/18/2004

Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
8/16/2004	12:15 - 15:00	2.75	EVALFM	PULD	COMPZN	POOH LAYING DN 99-JTS OF DP. LEFT SETTING TOOL IN HOLE.
	15:00 - 17:00	2.00	EVALFM	PULD	COMPZN	TIH PICKING UP 40-JTS OF DP. SD DUE TO TROUBLE W/ BACK UPS.
8/17/2004	07:00 - 07:30	0.50	EVALFM	SFTY	COMPZN	SAFETY MEETING.
	07:30 - 08:30	1.00	EVALFM	OTHR	COMPZN	SWAP OUT BACK UPS ON POWER TONGS.
	08:30 - 09:30	1.00	EVALFM	PULD	COMPZN	CONTINUE IN HOLE PICKING UP DP. TAG UP @ 3110'.
	09:30 - 10:30	1.00	EVALFM	OTHR	COMPZN	SCREW INTO SETTING TOOL. GO THROUGH THE MOTIONS OF DROPPING OFF CSG LINER.
	10:30 - 11:30	1.00	EVALFM	TRIP	COMPZN	POOH & LD SETTING TOOL.
	11:30 - 17:00	5.50	EVALFM	TRIP	COMPZN	TIH W/ 6 1/4" BIT. TAG LINER TOP @ 3120'. POOH LAYING DN DP.
8/18/2004	17:00 - 19:00	2.00	EVALFM	PERF	COMPZN	RU BLUE JET WL. PERFORATE THE FRUITLAND COALS W/ 216-.75" HOLES, 4-JSPF AS FOLLOWS: 3464'- 72', 3446'- 52', 3368'- 73', 3302'- 06', 3268'- 74', 3246'- 58', 3227'- 30', 3219'- 24' & 3210'- 15'. TOTAL COAL- 54'. ALL SHOTS FIRED OK. SWIFN.
	07:00 - 07:30	0.50	RPCOMP	SFTY	COMPZN	SAFETY MEETING,
	07:30 - 08:30	1.00	RPCOMP	OWFF	COMPZN	CHECK PRESSURE, 255 PSI, BLEED OFF PRESSURE.
	08:30 - 10:00	1.50	RPCOMP	PULD	COMPZN	LAY DOWN DRILL COLLARS. CHANGE OVER FOR 2 3/8" TBG, TEST RAMS AS PER COPC REQUIRMENTS.
	10:00 - 13:00	3.00	RPCOMP	PULD	COMPZN	PICK UP RUN IN HOLE WITH PRODUCTION STRING, LAND TBG, F-NIPPLE SET AT 3423', END OF TBG [MUD ANCHOR] AT 3455' WITH 105 JTS 2 3/8"TBG, F-NIPPLE & MUD ANCHOR.
	13:00 - 16:00	3.00	TREBOP	NUND	COMPZN	NIPPLE DOWN BOPS, NIPPLEUP WELL HEAD, CHANGE OVER TO RUN RODS.
	16:00 - 18:00	2.00	RPCOMP	PULD	COMPZN	PICK UP PUMP, INSTALL STRANER TUBE ON BOTTOM OF PUMP, TEST PUMP, RUN IN HOLE 1 3/4"X 4' SUB ON TOP OF PUMP, 136 3/4" X 25' RODS & 1 3/4"X 8', 1 3/4"X 4', 1 3/4" X 2' ROD SUBS.
	18:00 - 19:00	1.00	RPCOMP	PULD	COMPZN	PRESSURE TEST PUMP WITH RIG PUMP TO 500 PSI, HELD. BLEED OFF PRESSURE , STROKE PUMP WITH RIG, PUMPED UP TO 500 PSI, HELD. SHUT IN WELL SECURE FOR NIGHT.
8/19/2004	07:00 - 07:30	0.50	SURFEQ	SFTY	DEMOB	SAFETY MEETING.
	07:30 - 19:00	11.50	MOVE	RURD	DEMOB	RIG DOWN RIG & EQUIPMENT, GET READY FOR RIG MOVE.