

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

5. Lease Serial No.
NMSF079004

1a. Type of Well ☐ Oil Well ☐ Gas Well ☐ Dry ☒ Other: CBM			6. If Indian, Allottee or Tribe Name		
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr. Other _____			7. Unit or CA Agreement Name and No. NMNM78424B		
2. Name of Operator CONOCOPHILLIPS COMPANY			8. Lease Name and Well No. SAN JUAN 32-8 UNIT 226A		
3. Address 4001 PENBROOK, SUITE 346 ODESSA, TX 79762			9. API Well No. 30-045-32294-00-S1		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* Sec 15 T31N R8W Mer NMP At surface SESE 1090FSL 1070FEL 36.89312 N Lat, 107.65714 W Lon At top prod interval reported below At total depth			10. Field and Pool, or Exploratory BASIN FRUITLAND COAL		
14. Date Spudded 08/10/2004			15. Date T.D. Reached 08/22/2004		
16. Date Completed ☐ D & A ☒ Ready to Prod. 08/28/2004			17. Elevations (DF, KB, RT, GL)* 6518 GL		
18. Total Depth: MD 3481 TVD		19. Plug Back T.D.: MD 3479 TVD		20. Depth Bridge Plug Set: MD TVD	
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) MUDLOG			22. Was well cored? ☒ No ☐ Yes (Submit analysis) Was DST run? ☒ No ☐ Yes (Submit analysis) Directional Survey? ☐ No ☒ 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	232		150		0	
8.750	7.000 J-55	20.0	0	3135		510		0	
6.250	5.500 J-55	16.0	3087	3481		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
A) FRUITLAND COAL	3166	3394	3166 TO 3394	0.750	240	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material

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
08/28/2004	08/27/2004	1	→	0.0	1230.0	1.0			GAS PUMPING UNIT
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
2" PITOT	SI	4.0	→	0	29520	24		GSI	

28a. 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)

ELECTRONIC SUBMISSION #36670 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

NMOC

28 2004
ACCEPTED FOR RECORD
FARMINGTON FIELD OFFICE
BY *gls*

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 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
SAN JOSE	0	784		NACIMIENTO	661
NACIMIENTO	784	2146		OJO ALAMO	2173
OJO ALAMO	2146	2276		KIRTLAND	2301
				FRUITLAND	2961
				PICTURED CLIFFS	3481

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 #36670 Verified by the BLM Well Information System.
For CONOCOPHILLIPS COMPANY, sent to the Farmington
Committed to AFMSS for processing by ADRIENNE BRUMLEY on 09/28/2004 (04AXB3571SE)

Name (please print) JUANITA FARRELL

Title AUTHORIZED REPRESENTATIVE

Signature (Electronic Submission)

Date 09/24/2004

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.

**** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ****

END OF WELL SCHEMATIC

Well Name: San Juan 32-8 #226A
 API #: 30-045-32294
 Location: 1090' FSL & 1070' FEL
Sec. 15 - T31N - R8W
San Juan County, NM
 Elevation: 6518' GL (above MSL)
 Dri Rig RKB: 13' above Ground Level
 Datum: Dri 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: 10-Aug-04
 Release Dri Rig: 14-Aug-04
 Move In Cav Rig: 19-Aug-04
 Release Cav Rig: 26-Aug-04

Surface Casing Date set: 11-Aug-04
 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 240 ft

Notified BLM @ 20:06 hrs on 09-Aug-04
 Notified NMOCD @ 20:10 hrs on 09-Aug-04

Intermediate Casing Date set: 13-Aug-04
 Size 7 in 73 jts
 Set at 3135 ft 0 pups
 Wt. 20 ppf Grade J-55
 Hole Size 8 3/4 in Conn STC
 Excess Cmt 160 % Top of Float Collar 3089 ft
 T.O.C. SURFACE Bottom of Casing Shoe 3135 ft
 Pup @ ft TD of 8-3/4" Hole 3140 ft
 Pup @ ft

Notified BLM @ 08:02 hrs on 12-Aug-04
 Notified NMOCD @ 08:04 hrs on 12-Aug-04

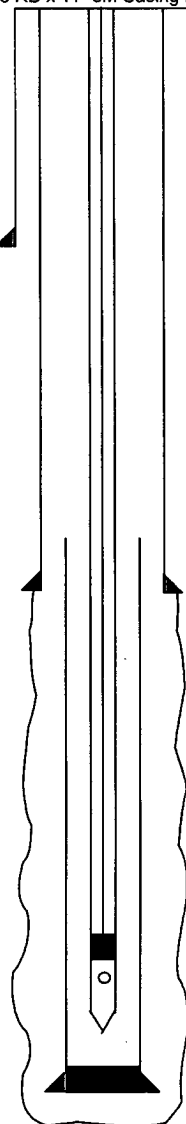
Production Liner Date set: 25-Aug-04
 Size 5 1/2 in
 Nominal Wt. 15.5 ppf
 Grade J-55 Connections: LTC
 # Jnts: 9
 Hole Size 6.25 / 9.5 inches
 Underreamed 6-1/4" hole to 9.5" from 3156' to 3481'
 Top of Liner 3087 ft
 PBDT 3479 ft
 Bottom of Liner 3481 ft

This well was NOT cavitated.

☒ New
☐ Used

☒ New
☐ Used

☒ New
☐ Used

**Surface Cement**

Date cmt'd: 11-Aug-04
 Lead : 150 sx Class G Cement
+ 2% BWOC S001 CaCl2
+ 0.25 lb/sx D029 Cellophane Flakes
1.16 cuft/sx, 174 cuft slurry at 15.8 ppg
 Displacement: 14.9 bbls fresh wtr
 Bumped Plug at: 04:00 hrs w/ 315 psi
 Final Circ Press: 140 psi @ 0.6 bpm
 Returns during job: YES
 CMT Returns to surface: 10
 Floats Held: No floats used
 W.O.C. for 6.00 hrs (plug bump to start NU BOP)

Intermediate Cement

Date cmt'd: 13-Aug-04
 Lead : 410 sx Class G Cement
+ 3% D079 Extender
+ 0.25 lb/sx D029 Cellophane Flakes
+ 0.2% D046 Antifoam
+ 0.05 gal/sx D047 Antifoam
2.61cuft/sx, 1070.1 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
+ 0.1% D046 Antifoam
1.27 cuft/sx, 127 cuft slurry at 13.5 ppg
 Displacement: 125.2 bbls
 Bumped Plug at: 23:15 hrs w/ 1220 psi
 Final Circ Press: 690 psi @ 2.0 bpm
 Returns during job: YES
 CMT Returns to surface: 45 bbls
 Floats Held: X Yes No

UNCEMENTED LINER

Schematic prepared by:
 Steven O. Moore, Drilling Engineer
 8-Sept-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 @ 192'. Displaced top wiper plug with water. Shut in casing head and WOC before backing out landing jt. CENTRALIZERS @ 222', 147', 104', & 60'. Total: 4
7" Intermediate	DISPLACED W/ 20 BBLs. FRESH WATER AND 105.2 BBLs SLIGHTLY POLYMERIZED 8.4PPG DRILLING MUD. CENTRALIZERS @ 3091', 3051', 2964', 2878', 2791', 2704', 210', 81', & 37'. TURBOLIZERS @ 2318', 2275, 2231', & 2191'. Total: 9 Total: 4
5.5" Liner	Ran 6-1/4" bit & 3-1/2" OD bit sub with float 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: 3166'-3170', 3180'-3184', 3256'-3270', 3320'-3328', 3330'-3336', 3364'-3368', 3371'-3378', 3381'-3394'. TOTAL SHOTS 240.
Tubing	30.74' x 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 108 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	12" long strainer attached below 1-1/2" RWAC insert pump, 1 ea 2' x 3/4" OD rod sub above pump 136 ea 25' x 3/4" OD rods, space out with 1 ea 4' and 1 ea 8' rod subs & 1 ea 1-1/4" OD x 22' polished rod Set pump in F-Nipple at 3423' MD RKB

CONOCOPHILLIPS CO

Operations Summary Report

Page 1 of 4

Legal Well Name: SAN JUAN 32-8 UNIT 226A
 Common Well Name: SAN JUAN 32-8 UNIT 226A
 Event Name: COMPLETION
 Contractor Name: KEY ENERGY SVCS
 Rig Name: KEY

Start: 8/19/2004
 Rig Release: 8/27/2004
 Rig Number: 29

Spud Date: 8/10/2004
 End: 8/27/2004
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
8/20/2004	07:00 - 07:30	0.50	MOVE	SFTY	MIRU	PRE MOVE SAFETY MEETING.
	07:30 - 14:00	6.50	MOVE	MOB	MIRU	MOVE KEY #29 TO SJ 32 - 8 #226A LOCATION.
	14:00 - 17:00	3.00	EVALFM	RURD	MIRU	RU RIG. SDFD.
8/21/2004	07:00 - 07:30	0.50	EVALFM	SFTY	COMPZN	SAFETY MEETING.
	07:30 - 13:00	5.50	EVALFM	RURD	COMPZN	CONTINUE RIGGING UP.
	13:00 - 14:00	1.00	EVALFM	PRTS	COMPZN	USING PRODUCED H2O, PRESSURE TEST 7" CSG & BLIND RAMS TO 300PSI- 5MIN & 1800PSI- 30MIN. CHART TEST AS PER NMOC & CP REQUIREMENTS. TEST PIPE RAMS TO 300PSI- 5MIN & 1800PSI- 10MIN. HELD OK.
	14:00 - 17:00	3.00	EVALFM	PULD	COMPZN	MU 6 1/4" RR BUTTON BIT, & SUB ON BOTTOM OF 1- 3 1/2" DC. TIH PU 11- ADDITIONAL COLLARS & 83- JTS OF 2 7/8" DP. MU SWIVEL & SWIFD.
8/22/2004	07:00 - 07:30	0.50	DRILL	SFTY	COMPZN	SAFETY MEETING.
	07:30 - 08:15	0.75	DRILL	PULD	COMPZN	CONTINUE IN HOLE PICKING UP DP. TAG UP @ 3080'.
	08:15 - 09:00	0.75	DRILL	CIRC	COMPZN	BREAK CIRCULATION W/ 900CFM AIR, 06 BPH MIST W/1 GAL 450 FOAMER+ 1/2 GAL INHIBITOR PR/ 10BBLs OF PRODUCED H2O.
	09:00 - 16:30	7.50	DRILL	DRLG	COMPZN	DRILL SOFT CMT, FLOAT COLLAR & SHOE JT TO 3150'. DRILL 6 1/4" OPEN HOLE FR 3151'- 3481'(330') W/ 900CFM AIR- MIST. WOB- 6K, TURNING 75 RPMS. CIRCULATING PRESSURE- 400PSI W/ 1 & 1 ON COMPRESSION W/ COMPRESSOR @ 1700RPMS & SUCTION PRESSURE- 380PSI.
	16:30 - 02:30	10.00	EVALFM	CIRC	COMPZN	CIRCULATE & CONDITION HOLE ON BOTTOM(3481') W/ 900CFM AIR- MIST. SHUT OFF MIST & DRY WELL UP LAST 45MIN. NOTE: ESTIMATED H2O PRODUCTION @ 10- 15 BBLs PR/ DAY FROM DRILLING OPERATION OBSERVATION. EVALUATE THE FRUITLAND COALS FROM THE MUD LOGS AS FOLLOWS: 3166'- 69', 3171'- 75' & 3180' 84': BRN- BLK FLAT TO EARTHY DULL COAL. POOR CLEATING. 66 UNITS OF GAS. 3250'- 54' & 3256'- 70': SATINY BLK INTERMEDIATE COAL W/SOME SILKY BANDS. TRACES OF SMOKY QUARTS, FAIR CLEATING. 133 UNITS OF GAS. 3320'- 3330'- 38': SILKY TO SATINY BLK COAL. FAIR CLEATING. 125 UNITS OF GAS. 3364' 68', 3370'- 78' & 3380'- 94': SUB BLOCKY TO TO GLASSY BLK COAL. SLT FRACTURING W/ GOOD CLEATING. 155 UNITS OF GAS. TOTAL COAL- 71'. 3320'- 3330'- 38': SILKY TO SATINY BLK COAL. FAIR CLEATING. 125 UNITS OF GAS. 3364' 68', 3370'- 78' & 3380'- 94': SUB BLOCKY TO TO GLASSY BLK COAL. SLT FRACTURING W/ GOOD CLEATING. 155 UNITS OF GAS. TOTAL COAL- 71'.
	02:30 - 03:00	0.50	EVALFM	PULD	COMPZN	PULL UP INSIDE 7" CSG LAYING DN 11- JTS OF 2 7/8" DP.
	03:00 - 04:00	1.00	EVALFM	PRDT	COMPZN	CONDUCT FLOW TEST THROUGH 2" CHOKE MANIFOLD USING PITOT READINGS. INITIAL FLOW - 2PSI(869MCFD) 15MIN FLOW - 2 1/2PSI(970MCFD) 30MIN FLOW - 3PSI(1.06MMCFD) 45MIN FLOW - 3PSI(1.06MMCFD) LT 60MIN FLOW -
	04:00 - 06:00	2.00	EVALFM	PRDT	COMPZN	MIST 3PSI(1.06MMCFD) LT MIST SI FOR 60MIN BUILD UP. IMMEDIATE SI - 15PSI 15MIN SI - 100PSI 30MIN SI - 125PSI 45MIN SI - 150PSI 60MIN SI - 160PSI 75MIN SI - 170PSI 90MIN SI - 170PSI

Operations Summary Report

Legal Well Name: SAN JUAN 32-8 UNIT 226A
 Common Well Name: SAN JUAN 32-8 UNIT 226A
 Event Name: COMPLETION
 Contractor Name: KEY ENERGY SVCS
 Rig Name: KEY

Start: 8/19/2004 Spud Date: 8/10/2004
 Rig Release: 8/27/2004 End: 8/27/2004
 Rig Number: 29 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
8/22/2004	04:00 - 06:00	2.00	EVALFM	PRDT	COMPZN	105MIN SI - 172PSI 120MIN SI - 172PSI
8/23/2004	06:00 - 07:00	1.00	EVALFM	TRIP	COMPZN	POOH W/ BIT.
	07:00 - 07:30	0.50	EVALFM	SFTY	COMPZN	CREW CHANGE. SAFETY MEETING & RIG SERVICE.
	07:30 - 10:00	2.50	EVALFM	TRIP	COMPZN	MU 6"x 9 1/2" LOCKO MATIC UNDER REAMER W/ 4 3/4" SHOCK SUB ON TOP. TIH W/ DRL ASSEMBLY TO 3156'.
	10:00 - 15:30	5.50	EVALFM	OTHR	COMPZN	BREAK CIRCULATION W/ 1600CFM AIR, 10 BPH MIST W/1 GAL 450 FOAMER+ 1/4 GAL INHIBITOR PR/ 10BBLs OF PRODUCED H2O. CIRCULATING PRESSURE - 700PSI. OPEN ARMS & UNDER REAM 6 1/4" HOLE OUT TO 9 1/2" FROM 3156'- 3481'.
	15:30 - 16:30	1.00	EVALFM	CIRC	COMPZN	CIRCULATE HOLE CLEAN @ 3481'(TD). DRY WELL UP LAST 30MIN.
	16:30 - 17:00	0.50	EVALFM	PULD	COMPZN	PULL UP INSIDE 7" CSG LAYING DN 11- JTS OF 2 7/8" DP.
	17:00 - 18:00	1.00	EVALFM	PRDT	COMPZN	CONDUCT FLOW TEST THROUGH 2" CHOKE MANIFOLD USING PITOT READINGS: INITIAL FLOW - 2PSI(869MCFD) 15MIN FLOW - 3PSI(1.06MMCFD) 30MIN FLOW - 3PSI(1.06MMCFD) 45MIN FLOW - 3 60MIN FLOW
	18:00 - 19:00	1.00	EVALFM	SIPB	COMPZN	1/4PSI(1.07MMCFD) - 3 1/4PSI(1.07MMCFD) LT MIST. SI FOR 60MIN BUILD UP. INITIAL SI - 20PSI 15MIN SI - 110PSI 30MIN SI - 120PSI 45MIN SI - 155PSI 60MIN SI - 165PSI
	19:00 - 19:15	0.25	EVALFM	SFTY	COMPZN	CREW CHANGE & SAFETY MEETING.
	19:15 - 20:30	1.25	EVALFM	TRIP	COMPZN	POOH & LD UNDER REAMER.
8/24/2004	20:30 - 22:00	1.50	EVALFM	TRIP	COMPZN	TIH W/ 6 1/4" BIT, DCS & DP TO CSG SHOE. PU SWIVEL & RU TO SURGE.
	22:00 - 06:00	8.00	EVALFM	OTHR	COMPZN	PERFORM NATURAL SURGES #1, #2 & #3 ALLOWING THE CSG TO BUILD UP TO 200PSI ON EACH BUILD UP. RELEASE SURGES W/ GAS TO SURFACE ONLY. CIRCULATE IN BETWEEN SURGES W/ 1400CFM AIR- MIST.
	06:00 - 13:30	7.50	EVALFM	OTHR	COMPZN	CONTINUE PERFORMING NATURAL SURGES #4 & #5 ALLOWING PRESSURE TO BUILD UP TO 250PSI ON BOTH BUILD UPS. RELEASE SURGES W/ SLT AMT OF BLK DUST TO SURFACE. R&R IN BETWEEN SURGES.
	13:30 - 14:00	0.50	EVALFM	TRIP	COMPZN	TIH PICKING UP DP. TAG UP @ 3362'.
	14:00 - 16:00	2.00	EVALFM	OTHR	COMPZN	R&R CO COAL FR 3350'- 81' W/ 900CFM AIR, 06 BPH MIST W/ 1GAL 450 FOAMER+ 1/4 GAL INHIBITOR PR/ 10 BBLs OF PRODUCED H2O. CIRCULATING PRESSURE- 360PSI. RETURNS OF LT COAL CHIPS & FINES. 1 DN TO 1/4 BKT PR/ HR FR SAMPLE CATCHER. 95% COAL, 05% SAND & SHALE.
	16:00 - 16:30	0.50	EVALFM	TRIP	COMPZN	CONTINUE IN HOLE PICKING UP DP. TAG FILL ON BOTTOM @ 3470'(11' FILL).
	16:30 - 19:00	2.50	EVALFM	OTHR	COMPZN	R&R CO COAL FR 3460'- 81' W/ 900CFM AIR- MIST. CIRCULATING PRESSURE- 360PSI. RETURNS OF LT COAL CHIPS & FINES. 1 DN TO 1/4 BKT PR/ HR FR SAMPLE CATCHER. 95% COAL, 05% SAND & SHALE.
	19:00 - 19:15	0.25	EVALFM	SFTY	COMPZN	CREW CHANGE & SAFETY MEETING.
	19:15 - 05:30	10.25	EVALFM	OTHR	COMPZN	R&R CO COAL FR 3460'- 81'(TD) W/ 900CFM AIR- MIST. @ 19:45 HRS, COAL STARTED RUNNING. ADDED 2ND COMPRESSOR. R&R FR 3460'- 81' W/ 1400CFM AIR- MIST. CIRCULATING PRESSURE-

Operations Summary Report

Legal Well Name: SAN JUAN 32-8 UNIT 226A
 Common Well Name: SAN JUAN 32-8 UNIT 226A
 Event Name: COMPLETION
 Contractor Name: KEY ENERGY SVCS
 Rig Name: KEY

Start: 8/19/2004 Spud Date: 8/10/2004
 Rig Release: 8/27/2004 End: 8/27/2004
 Rig Number: 29 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
8/24/2004	19:15 - 05:30	10.25	EVALFM	OTHR	COMPZN	420PSI. RETURNS OF HVY- LT COAL CHIPS & FINES. 3 DN TO 1/4 BKT PR/ HR FR SAMPLE CATCHER. 95% COAL, 05% SAND & SHALE.
8/25/2004	05:30 - 06:00	0.50	EVALFM	PULD	COMPZN	PULL UP INSIDE 7" CSG LAYING DN 11-JTS OF DP.
	06:00 - 07:00	1.00	EVALFM	PRDT	COMPZN	CONDUCT FLOW TEST THROUGH 2" CHOKE MANIFOLD USING PITOT READINGS: INITIAL FLOW - 3PSI(1.06MMCFD) 15MIN FLOW - 3 1/2PSI(1.15MMCFD) 30MIN FLOW - 4PSI(1.23MMCFD) 45MIN FLOW - 4PSI(1.23MMCFD) 60MIN FLOW -
	07:00 - 08:00	1.00	EVALFM	SIPB	COMPZN	4PSI(1.23MMCFD) LT MIST SI FOR 60MIN BUILD UP INITIAL SI - 20PSI 15MIN SI - 120PSI 30MIN SI - 140PSI 45MIN SI - 155PSI 60MIN SI - 165PSI
	08:00 - 18:30	10.50	EVALFM	OTHR	COMPZN	PERFORM NATURAL SURGES #6, #7, #8, #9 & #10 PRESSURING UP TO APPROXIMATELY 160PSI ON EACH BUILD UP. RELEASED EACH SURGE W/ GAS & SOME BLK DUST TO SURFACE. NO COAL. CIRCULATE AFTER EACH RELEASE W/ 1400CFM AIR- MIST.
	18:30 - 19:00	0.50	EVALFM	SFTY	COMPZN	CREW CHANGE & SAFETY MEETING.
8/26/2004	19:00 - 19:45	0.75	EVALFM	TRIP	COMPZN	TIH PICKING UP DP. TAG FILL @ 3460'(21' FILL).
	19:45 - 06:00	10.25	EVALFM	OTHR	COMPZN	R&R CO COAL FR 3460'- 81' W/ 1400CFM AIR-MIST. CIRCULATING PRESSURE- 400PSI. RETURNS OF LT COAL CHIPS & FINES. 1 1/2 DN TO 1/4 BKT PR/ HR FR SAMPLE CATCHER. 95% COAL, 05% SAND & SHALE.
	06:00 - 07:30	1.50	EVALFM	TRIP	COMPZN	POOH W/ 6 1/4" DRLG ASSEMBLY.
	07:30 - 09:00	1.50	EVALFM	RURD	COMPZN	TO RUN 5 1/2" CSG LINER. PRESSURE TEST 5 1/2" CSG RAMS TO 300PSI.
	09:00 - 10:15	1.25	EVALFM	SFTY	COMPZN	CREW CHANGE & SAFETY MEETING.
8/27/2004	10:15 - 11:45	1.50	EVALFM	PULD	COMPZN	MU 6 1/4" BIT & SUB ON BOTTOM OF 1-JT OF 5 1/2", 15.50#, J- 55, LT & C- CSG. TIH PICKING UP 8 ADDITIONAL JTS.(TOTAL- 389'). MU 5 1/2"x 6 3/4" H LATCH DROP OFF TOOL ON TOP OF CSG. TIH W/ 100-JTS OF 2 7/8" DP.
	11:45 - 13:00	1.25	EVALFM	OTHR	COMPZN	BREAK CIRCULATION W/ 900CFM AIR- MIST. CIRCULATE 5 1/2" LINER DN FR 3475'- 81'(TD). UNLATCH & DROP OFF LINER. BOTTOM OF BIT @ 3481' KB. TOP OF SUB @ 3479'. TOP OF LINER @ 3087'.
	13:00 - 17:00	4.00	EVALFM	PULD	COMPZN	POOH W/ SETTING TOOL LAYING DN DP & DCS.
	17:00 - 18:30	1.50	EVALFM	PERF	COMPZN	RU BLUE JET WL. PERFORATE THE FRUITLAND COALS W/ 240-.75" HOLES, 4-JSPF AS FOLLOWS: 3381'- 94', 3371'- 78', 3364'- 68', 3330'- 36', 3320'- 28', 3256'- 70', 3180'- 84' & 3166'- 70'. ALL SHOTS FIRED OK. TOTAL COAL- 60'. SDFN.
	-		EVALFM		COMPZN	
8/27/2004	07:00 - 08:00	1.00	EVALFM	SFTY	COMPZN	SAFETY MEETING. BLEED DN 150PSI CSG PRESSURE TO PIT.
	08:00 - 10:30	2.50	EVALFM	PULD	COMPZN	MU 2 7/8"x 30' MUD ANCHOR W/ XO & 2 3/8"x1.78" F NIPPLE ON TOP. STRAP IN HOLE PICKING UP 108-JTS OF 2 3/8", 4.7# EUE TBG. LAND TBG HANGER IN TBG HEAD W/ 108-JTS OF PRODUCTION TBG IN HOLE. BOTTOM OF MUD ANCHOR @ 3455' KB. TOP OF F NIPPLE @ 3423'.
	10:30 - 12:00	1.50	EVALFM	NUND	COMPZN	ND BOP STACK. NU B-1 ADAPTER FLANGE, ROD RADIGAN & PUMPING T. CONDUCT FINAL FLOW TEST THROUGH 2" CHOKE

Operations Summary Report

Legal Well Name: SAN JUAN 32-8 UNIT 226A
 Common Well Name: SAN JUAN 32-8 UNIT 226A
 Event Name: COMPLETION
 Contractor Name: KEY ENERGY SVCS
 Rig Name: KEY

Start: 8/19/2004 Spud Date: 8/10/2004
 Rig Release: 8/27/2004 End: 8/27/2004
 Rig Number: 29 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
8/27/2004	10:30 - 12:00	1.50	EVALFM	NUND	COMPZN	MANIFOLD USING PITOT READINGS: INITIAL FLOW - 3PSI(1.06MMCFD) 15MIN FLOW - 4PSI(1.23MMCFD) 30MIN FLOW - 4PSI(1.23MMCFD) 45MIN FLOW - 4PSI(1.23MMCFD) LT MIST 60MIN FLOW - 4PSI(1.23MMCFD) LT MIST
	12:00 - 14:30	2.50	EVALFM	PULD	COMPZN	USING A 2"x 3/4" PONY SUB, PU 2"x 1 1/2"x 12' RWAC- 2 ROD PUMP(#CP 157) & CHECK ACTION. TIH PICKING UP 136x 25' RODS. SEAT PUMP & SPACE OUT ON SURFACE W/ 4', 8' ROD SUBS & 22'x1 1/2" POLISH ROD.
	14:30 - 15:00	0.50	EVALFM	PRTS	COMPZN	PRESSURE TEST TBG TO 500PSI. MANUALLY PUMP UP PRESSURE TO 800PSI OK. BLEED DN PRESSURE & CLAMP OFF POLISH ROD W/ PUMP 4" OFF TAG. SWI, JOB COMPLETE.
	15:00 - 16:00	1.00	EVALFM	RURD	COMPZN	BEGIN RIGGING DN BLOOIE LINES. SDFD.
8/28/2004	07:00 - 07:30	0.50	EVALFM	SFTY	COMPZN	SAFETY MEETING.
	07:30 - 15:00	7.50	EVALFM	RURD	COMPZN	RD KEY #29 TO MOVE.