

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. NMNM03402		
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. NMNM78424B		
3. Address PO BOX 2197 WL3 6054 HOUSTON, TX 77252			8. Lease Name and Well No. SAN JUAN 32-8 UNIT 236A		
3a. Phone No: (include area code) Ph: 505.599.3419			9. API Well No. 30-045-32331-00-S1		
4. Location of Well (Report location clearly and in accordance with Federal requirements) Sec 22 T31N R8W Mer NMP At surface SWSE 760FSL 1530FEL 36.87792 N Lat, 107.65849 W Lon At top prod interval reported below At total depth			10. Field and Pool, or Exploratory BASIN FRUITLAND COAL		
14. Date Spudded 07/09/2004			15. Date T.D. Reached 08/04/2004		
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 08/08/2004			17. Elevations (DF, KB, RT, GL)* 6462 GL		
18. Total Depth: MD TVD 3445		19. Plug Back T.D.: MD TVD 3444		20. Depth Bridge Plug Set: MD TVD	
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) MUDLOG			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	234		150		0	
8.750	7.000 J-55	20.0	0	3124		510		0	
6.250	5.500 J-55	16.0	3085	3445		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	3430							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) FRUITLAND COAL	3138	3354	3138 TO 3354	0.750	236	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
08/08/2004	08/04/2004	24	→	0.0	869.0	0.0			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	8.0	→	0	869	0		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	
			→						

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

ELECTRONIC SUBMISSION #34987 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

NMOCD

ACCEPTED FOR RECORD

AUG 26 2004

FARMINGTON FIELD OFFICE

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	820		NACIMIENTO	645
NACIMIENTO	820	2188		OJO ALAMO	2177
OJO ALAMO	2188	2299		KIRTLAND	2285
				FRUITLAND	2940
				PICTURED CLIFFS	3365

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 #34987 Verified by the BLM Well Information System.
For CONOCOPHILLIPS COMPANY, sent to the Farmington
Committed to AFMSS for processing by ADRIENNE BRUMLEY on 08/26/2004 (04AXB3266SE)

Name (please print) JUANITA FARRELL

Title AUTHORIZED REPRESENTATIVE

Signature (Electronic Submission)

Date 08/20/2004

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 ** REVISED ****

Well Name: San Juan 32-8 # 236A

API #: 30-045-32331

Location: 760' FSL & 1530' FEL

Sec. 22 - T31N - R8W

San Juan County, NM

Elevation: 6462' GL (above MSL)

Drl Rig RKB: 13' above Ground Level

Datum: Drl Rig RKB = 13' above GL

Spud: 9-Jul-04

Release Drl Rig: 11-Jul-04

Move In Cav Rig: 29-Jul-04

Release Cav Rig: 7-Aug-04

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

Surface Casing Date set: 9-Jul-04

Size 9 5/8 in
Set at 234 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 234 ft

TD of 12-1/4" hole 245 ft

Notified BLM @ 19:10 hrs on 07-Jul-04

Notified NMOCD @ 19:13 hrs on 07-Jul-04

Intermediate Casing Date set: 11-Jul-04

Size 7 in 73 jts
Set at 3124 ft 0 pups
Wt. 20 ppf Grade J-55
Hole Size 8 3/4 in Conn STC
Excess Cmt 160 %

Top of Float Collar 3083 ft

T.O.C. SURFACE Bottom of Casing Shoe 3124 ft

Pup @ 3130 ft TD of 8-3/4" Hole 3130 ft

Pup @ 3130 ft

Notified BLM @ 16:04 hrs on 10-Jul-04

Notified NMOCD @ 16:06 hrs on 10-Jul-04

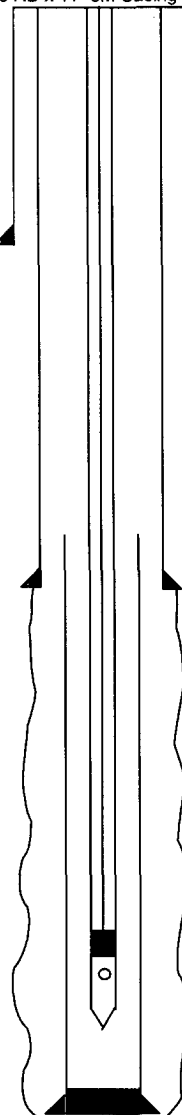
Production Liner Date set: 04-Aug-04

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 3128' to 3445'
Top of Liner 3085 ft
PBDT 3444 ft
Bottom of Liner 3445 ft

This well was NOT cavitated.

☒ New
☐ Used

☒ New
☐ Used

☒ New
☐ Used


TD 3,445 ft

Surface Cement

Date cmt'd: 9-Jul-04

Lead: 150 sx Class G Cement

+ 2% BWOC S001 CaCh2 + 1lb/bbl D974

+ 0.25 lb/sx D130 Cellophane Flakes

1.16 cuft/sx, 174 cuft slurry at 15.8 ppg

Displacement: 15.3 bbls fresh wtr

Bumped Plug at: 08:00 hrs w/ 390 psi

Final Circ Press: 50 psi @ 0.7 bpm

Returns during job: YES

CMT Returns to surface: 17 bbls

Floats Held: No floats used

W.O.C. for 6.00 hrs (plug bump to start NU BOP)

W.O.C. for 9.50 hrs (plug bump to test csg)

Intermediate Cement

Date cmt'd: 11-Jul-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 bbls

Bumped Plug at: 19:40 hrs w/ 1400 psi

Final Circ Press: 700 psi @ 2 bpm

Returns during job: YES

CMT Returns to surface: 49 bbls

Floats Held: ☒ Yes ☐ No**UNCEMENTED LINER**

Schematic prepared by:
Steven O. Moore, Drilling Engineer
16-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 @ 189'. Displaced top wiper plug with water. Shut in casing head and WOC before backing out landing jt. CENTRALIZERS @ 224', 146', 102', & 58'. Total: 4
7" Intermediate	DISPLACED W/20 BBLs. FRESH WATER & 104.9 BBLs. SLIGHTLY POLYMERIZED 8.4 PPG DRILLING MUD. CENTRALIZERS @ 3114', 3040', 2955', 2871', 2785', 2701', 212', 82', & 39'. TURBOLIZERS @ 2277', 2234', 2121', & 2149'. Total: 9 Total: 4
5.5" Liner	Ran 6-1/16" OD bladed shoe w/ float valve on btm 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: 3138'-3142', 3150'-3152', 3164'-3171', 3209'-3212', 3260'-3272', 3274'-3278', 3314'-3326', 3330'-3343', 3352'-3354'. TOTAL SHOTS 236.
Tubing	30.65' 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, 1 ea 2-3/8" OD x 10' long pup jt 107 jts 2-3/8" 4.7# J-55 EUE 8rd tubing Bottom of Mud Anchor at 3430'. F-Nipple at 3399' MD RKB.
Pump & Rods	12" long strainer attached below 1-1/2" RWAC-Z insert pump with 1 ea 4' long x 3/4" OD pony rod on top of pump 135 ea 3/4" OD rods & space out with 2' - 6' - 8' x 3/4" OD pony rods & 1 ea 1-1/4" OD x 22' polished rod Set pump in F-Nipple at 3399' MD RKB

Operations Summary Report

Legal Well Name: SAN JUAN 32-8 UNIT 236A
 Common Well Name: SAN JUAN 32-8 UNIT 236A
 Event Name: COMPLETION
 Contractor Name: KEY ENERGY SVCS
 Rig Name: KEY ENERGY

Start: 4/2/2004
 Rig Release: 8/7/2004
 Rig Number: 22
 Spud Date: 7/8/2004
 End: 8/8/2004
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
7/30/2004	10:00 - 15:00	5.00	MOVE	MOB	COMPZN	SAFETY MEETING PRIOR TO STARTING OPERATIONS-MIRU KEY 22 & SPOT AUXILIARY EQUIPMENT-
	15:00 - 17:30	2.50	WELCTL	NUND	COMPZN	SI 7" INTERMEDIATE CSG -0- PSIG-NU BOPE-NOTIFIED BLM @ 10:00, 7-29-2004 OF PENDING CSG INTEGRITY TEST.
7/31/2004	17:30 - 18:00	0.50	WELLPR	OPNW	COMPZN	SDON.
	07:00 - 15:00	8.00	WELLPR	RURD	COMPZN	SAFETY MEETING PRIOR TO STARTING OPERATIONS-RIG UP BLOOIE LINES & AUXILIARY EQUIPMENT-
	15:00 - 16:15	1.25	WELLPR	SFTY	COMPZN	PERFORM RIG INSPECTION AND CORRECTIONS.
	16:15 - 18:00	1.75	RPCOMP	PULD	COMPZN	SLIP, TALLY, & CALIPER 3-1/2" DRILL COLLARS-SLIP 2-7/8" DRILL PIPE.
8/1/2004	18:00 - 18:30	0.50	WELLPR	OTHR	COMPZN	SDON.
	07:00 - 08:30	1.50	WELLPR	RGSV	COMPZN	SAFETY MEETING PRIOR TO STARTING OPERATIONS-RIG SERVICE.
	08:30 - 10:30	2.00	WELCTL	BOPE	PROD1	SI 7" INTERMEDIATE CSG -0- PSIG-PT BLIND RAMS & PERFORM CASING INTEGRITY TEST T/ 200 PSIG-3MIN & 1800 PSIG-30 MIN (OK)
	10:30 - 13:00	2.50	RPCOMP	PULD	PROD1	NOTIFIED BLM @ 10:00, 7-29-2004 OF PENDING CSG INTEGRITY TEST.
	13:00 - 14:00	1.00	EVALWB	CIRC	PROD1	SI 7" INTERMEDIATE CSG PRESSURE -0- PSIG-MU 6-1/4" RR ETD-44 VAREL TRI-CONE INSERT BIT JETTED W/ 3-20'S W/ 3-1/2" REG BOX x 2-3/8"IF BOX BIT SUB BORED, TAPPED, AND CONTAINING A FLOAT VALVE, W/ 12-(3-1/2") DC'S-TBHA 378.27', W/ 2-3/8"IF X 2-7/8" AOH X-O SUB, W/ 87- JOINTS 2-7/8" AOH DRILL PIPE T/3083'KB, TOC.
	14:00 - 16:30	2.50	WELCTL	BOPE	PROD1	RÜ POWER SWIVEL & CIRCULATE 7" WELLBORE CLEAN W/ Kfc PRODUCED WATER.
	16:30 - 19:30	3.00	WELCTL	NUND	PROD1	PT #2 PIPE RAMS CHOKE MANIFOLD / 7" CASING T/200 PSIG -3 MIN & 1800 PSIG -15MIN (OK)
	19:30 - 06:00	10.50	DRILL	DRLG	PROD1	PT #1 PIPE RAMS & HCR VALVES T/200 PSIG-3MIN & 1800 PSIG-15MIN (OK)
						ISOLATE AND CHECK DRILL PIPE FLOAT VALVE (OK)-PT STANDPIPE / KELLY HOSE / POWER SWIVEL / & 2-7/8" TIW VALVE T/ 2000 PSIG-10 MIN (OK) .
						PT AIR LINES & MIST PUMP T/1400 PSIG (OK).
						LEVEL 7-1/16" TBG HEAD BOP STACK-PT SECONDARY SEAL T/1800 PSIG (OK).
						BREAK CIRCULATION W/ 1500 CFM AIR & 6 BPH MIST CONTAINING 1 GAL F-450 FOAMER & 1/4 GAL CORROSION INHIBITOR / 10 BBLS PRODUCED Kfc WATER@ 1050-500 PSIG-
						DRILLOUT CEMENT / FC @3083'KB / CEMENT / GS @ 3123'KB / CEMENT T/ 3130'KB, 8-3/4" TD.
						DRILLING 6-1/4" OPEN HOLE SECTION F/3130 - T/ 3445'KB,TD / PBTB-
						W/ 6K WOB @ 70-80 RPM'S @ 1100-1400 FT-LBS OF TORQUE-
						COAL INTERVALS NET FEET OF COAL BGG MAX GAS UNITS
						3137-3139' (2') 75 150
						3140-3141' (1') 150 150
						3150-3152' (2') 150 165
						3157-3158' (1') 155 155
						3164-3167' (3') 155 155
						3168-3171' (3') 155 155
						3207-3209' (2') 155 175

Operations Summary Report

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 Rig Name: KEY ENERGY

Start: 4/2/2004
 Rig Release: 8/7/2004
 Rig Number: 22
 Spud Date: 7/8/2004
 End: 8/8/2004
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
8/1/2004	19:30 - 06:00	10.50	DRILL	DRLG	PROD1	3210-3212' (2') 175 175 3236-3237' (1') 175 180 3260-3261' (1') 180 200 3262-3272' (10') 200 200 3274-3278' (4') 195 195 3314-3315' (1') 195 195 3316-3319' (3') 193 350 3320-3326' (6') 350 481 3330-3343' (13') 481 481 3352-3354' (2') 440 440 3361-3362' (1') 410 410 TOTAL NET FEET OF COAL 58'. UPPER COALS: WERE 40-30% DULL BLACK & 60-70% INTERMEDIATE SATIN LUSTER, SUB PLATY TO IRREGULAR CUTTINGS-CLEATING IS FAIR W/ SOME INTERSECTING FACES-COALS ARE PREDOMINATELY THIN 1-3'. MIDDLE COALS: 20-30% BRIGHT BLACK, & 80-70% DULL BLACK-SUB-BLOCKY T/ SUB-PLATY, W/ POOR CLEATING. LOWER COALS: 60-70% HIGH END INTERMEDIATE, & 40-30% BRIGHT BLACK-SILKY TO SATINY BLACK W/ BRIGHT GLASSY LENSES AND BANDS-CUTTINGS ARE SUB-BLOCKY TO CUBIC-GOOD CLEAT DEVELOPMENT W/ INTERSECTING FACES-TRACE CALCITE FILLED FRACTURES-CONCHODIAL FRACTURING-RATHER LARGE QUARTZ CRYSTALS-GOOD QUALITY COAL.
8/2/2004	06:00 - 10:00	4.00	EVALWB	CIRC	COMPZN	PICTURED CLIFF TOP @ 3364'KB. SAFETY MEETING PRIOR TO STARTING OPERATIONS-R&R @ 3445'TD, PBTD W/ 1500 CFM & 6 BBL / HR MIST RATE W/ ABOVE CHEMICALS @ 450 PSIG-RETURNS: 2+ DOWN T/ 1/4 OF A BUCKET / HR OFF MUD LOGGER SAMPLER VALVE OF 1/4" CHUNKS DOWN TO COFFEE GROUNDS SIZE OF COAL.
	10:00 - 12:00	2.00	EVALWB	CIRC	COMPZN	DRY UP WELLBORE W/ 1500 CFM AIR-~ 32 BWPD W/ PH 9.
	12:00 - 12:30	0.50	RPCOMP	TRIP	COMPZN	PULL UP INTO 7" @ 3093'KB.
	12:30 - 14:00	1.50	EVALFM	PRDT	COMPZN	FLOW TEST THRU 2" TIME CHOKE MANIFOLD #S PITOT #S MSCFD / CONSISTENCY 15MIN 6.0 1.50 752 / DRY 30MIN 6.0 1.50 752 / DRY 45MIN 6.0 1.50 752 / DRY 60MIN 6.0 1.50 752 / DRY
	14:00 - 16:30	2.50	EVALFM	SIPB	COMPZN	SIPBU ISIP 15MIN 30MIN 45MIN 60MIN 15# 98# 105# 105# 105# NATURAL SURGE #1 W/ 105 #S-

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 End: 8/8/2004
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
8/2/2004	14:00 - 16:30	2.50	EVALFM	SIPB	COMPZN	RETURNS: VERY LITTLE IF ANY RETURNS TO SURFACE AFTER SURGE.
	16:30 - 20:00	3.50	RPCOMP	TRIP	PROD1	SHORT TRIP F/ 3093 - T/3435'KB, 10' OF FILL AFTER SURGE #1- PULL UP INTO 7" @3093'KB- RD POWER SWIVEL- REVIEW DERRICK RESCUE AND FALL PROTECTION- COOH W/ 6-1/4" DRLG ASSEMBLY -
	20:00 - 22:00	2.00	WELLPR	WOCT	COMPZN	WAIT ON AND CHANGE OUT RIG CREW MEMBER THAT WAS UNFIT FOR WORK.
	22:00 - 00:00	2.00	RPCOMP	TRIP	PROD1	MU 5-7/8" X 9.5" BAKER OIL TOOLS UNDER-REAMER W/ (ROLLER CUTTERS), W/ 16/32" INCH JET W/ SHOCK SUB BORED, TAPPED, AND CONTAINING A FLOAT VALVE, W/ 12-(3-1/2") DC'S,- GIH W/ BHA W/ 2-7/8" AOH DRILL PIPE W/ 1.875" ID "F" NIPPLE RUN 1-JT ABOVE DRILL COLLARS T/3128'KB. RU POWER SWIVEL.
	00:00 - 06:00	6.00	DRILL	REAM	PROD1	BREAK CIRCULATION & UNLOADED A 15-20 BBL SLUG OF WATER- UNDER-REAM @ 725 PSIG W/ 1500 CFM AIR & 6-8 BPH MIST (CONTAINING 1-GAL F-450 / 10 BBLS AND 1/4 GAL CORR INHIBITOR / 10 BBLS Kfc PRODUCED WATER)- F/3128-3315'KB,PBTD W/ 1100-1500-FT-LBS OF TORQUE, W/ ~3-6K WOB @ 80+ RPM'S.
8/3/2004	06:00 - 10:00	4.00	DRILL	REAM	PROD1	SAFETY MEETING PRIOR TO STARTING OPERATIONS- UNDER-REAM @ 700 PSIG W/ 1500 CFM AIR & 6-8 BPH MIST (CONTAINING 1-GAL F-450 / 10 BBLS AND 1/4 GAL CORR INHIBITOR / 10 BBLS Kfc PRODUCED WATER)- F/3315-3445'KB,PBTD W/ 1100-1500-FT-LBS OF TORQUE, W/ ~3-6K WOB @ 80+ RPM'S.
	10:00 - 12:00	2.00	EVALWB	CIRC	COMPZN	CIRCULATE & CONDITION HOLE PRIOR TO PULLING UNDER-REAMER.
	12:00 - 12:30	0.50	RPCOMP	TRIP	COMPZN	PULL UNDER-REAMER INTO 7" @ 3108'KB.
	12:30 - 13:30	1.00	EVALFM	PRDT	COMPZN	FLOW TEST THRU 2"
						TIME CHOKES MANIFOLD #S PITOT #S MSCFD / CONSISTENCY
						15MIN 8.0 2.00 869 / DRY
						30MIN 8.0 2.00 869 / DRY
						45MIN 8.0 2.00 869 / DRY
	13:30 - 14:30	1.00	EVALFM	SIPB	COMPZN	60MIN 8.0 2.00 869 / DRY SIPBU ISIP 15MIN 30MIN 45MIN 60MIN 18# 90# 100# 105# 110#
	14:30 - 19:00	4.50	RPCOMP	TRIP	COMPZN	BLEED WELL DOWN TO PIT SLOWLY. REVIEW DERRICK RESCUE AND FALL PROTECTION- COOH & LAYDOWN UNDER-REAMER- GIH W/ 6-1/4" DRLG ASSEMBLY T/3093'KB- RU POWER SWIVEL- GIH & TAG @ 3441'KB, 4' OF FILL.
	19:00 - 02:15	7.25	EVALFM	CIRC	COMPZN	BREAK CIRCULATION W/ 1500 CFM AIR & 6 BPH MIST & UNLOAD A LARGE 20+ BBL SLUG OF WATER @ 560 PSIG- R&R @ 3441'TD, PBTD W/ 1500 CFM & 6 BBL / HR MIST RATE W/1-GAL F-450 FOAMER & 1/4 GAL CORRISION INHIBITOR / 10 BBLS PRODUCED Kfc WATER @ 500 PSIG- RETURNS: 2+ DOWN T/ 1/2 OF A BUCKET / HR OFF MUD LOGGER SAMPLER VALVE OF MOSTLY 1/4" CHUNKS DOWN TO COFFEE

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Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
8/3/2004	19:00 - 02:15	7.25	EVALFM	CIRC	COMPZN	GROUND'S SIZE OF COAL DURING THE LAST 1 HOUR.
	02:15 - 04:30	2.25	EVALFM	CIRC	COMPZN	DRY UP WELLBORE PRIOR TO PULLING UP INTO 7"- ~ 8.5 BWPD.
	04:30 - 05:00	0.50	RPCOMP	TRIP	COMPZN	PULL UP INTO 7" @ 3093'KB-
	05:00 - 06:00	1.00	EVALFM	SIPB	COMPZN	VENT 15 MIN THRU 2" PRIOR TO SIPBU W/FCP @ 10 PSIG = 2.5 #S PITOT = 970 MSCFD DRY SIPBU FOR NATURAL SURGING ISIP 15MIN 30MIN 45MIN 20# 92# 104# 107#
8/4/2004	06:00 - 14:30	8.50	EVALFM	SIPB	COMPZN	SAFETY MEETING PRIOR TO STARTING OPERATIONS- SIPBU FOR NATURAL SURGES SURGE ISIP 15MIN 30MIN 45MIN 60MIN 75 MIN 90MIN 2 20# 92# 104# 107# 108# 3 17# 95# 104# 108# 110# 4 20# 100# 108# 110# 114# 5 25# 102# 108# 110# 114# 115# 116# 6 25# 102# 108# 110# 110# 110# 110#
	14:30 - 15:30	1.00	RPCOMP	TRIP	COMPZN	GIH W/ 6-1/4" DRLG ASSEMBLY F/3093 & TAG UP @ 3438 ~ 3' OF NEW FILL.
	15:30 - 18:30	3.00	EVALFM	CIRC	COMPZN	BREAK CIRCULATION W/ 1500 CFM AIR & 6 BPH MIST & UNLOAD ~5-10+ BBL SLUG OF WATER- CLEANOUT / R&R @ 3445'KB W/ 1500 CFM & 6 BBL / HR MIST RATE W/ 1-GAL F-450 FOAMER & 1/4 GAL CORROSION INHIBITOR / 10 BBL'S PRODUCED KfC WATER @ 500 PSIG- RETURNS: 1+ DOWN T/ 1/4 OF A BUCKET / HR OFF MUD LOGGER SAMPLER VALVE OF MOSTLY COFFEE GROUND'S SIZE OF COAL (99+% COAL).
	18:30 - 20:30	2.00	EVALFM	CIRC	COMPZN	DRY UP WELLBORE PRIOR TO PULLING UP INTO 7"- ~ 8 BWPD.
	20:30 - 21:15	0.75	RPCOMP	TRIP	COMPZN	PULL UP INTO 7" @ 3093'KB.
	21:15 - 22:30	1.25	EVALFM	PRDT	COMPZN	FLOW TEST THRU 2" TIME CHOKER MANIFOLD #S PITOT #S MSCFD / CONSISTENCY
						15MIN 7.5 1.88 833 / DRY 30MIN 7.5 1.88 833 / DRY 45MIN 8.0 2.00 869 / DRY 60MIN 8.0 2.00 869 / DRY
	22:30 - 23:15	0.75	RPCOMP	TRIP	COMPZN	GIH W/ 6-1/4" DRLG ASSEMBLY F/3093 T/3443'KB, ~2' OF FILL.
	23:15 - 03:00	3.75	EVALWB	CIRC	COMPZN	CIRCULATE & CONDITION WELLBORE FOR LINER.
	03:00 - 06:00	3.00	RPCOMP	TRIP	COMPZN	REVIEW DERRICK RESCUE AND FALL PROTECTION- SHORT TRIP T/ 7" CASING BACK T/3445'KB, PBTD (NO FILL) RD POWER SWIVEL- COOH W/ 6-1/4" DRLG ASSEMBLY-
8/5/2004	06:00 - 07:30	1.50	RPCOMP	TRIP	COMPZN	SAFETY MEETING PRIOR TO STARTING OPERATIONS- FCP 10 PSIG 2.5 PSIG PITOT = 970 MSCFD DRY.
	07:30 - 08:30	1.00	WELCTL	BOPE	PROD1	X-O & PT PIPE RAMS T/ 100 PSIG- (OK)
	08:30 - 12:00	3.50	CASING	RUNC	PROD1	GIH W/ 5-1/2" 15.5 PPF J-55 LT&C CASING / LINER AS FOLLOWS: 6-1/16" OD BLADED SHOE W/ FLOAT VALVE - 1.00' 8- JTS 5-1/2" CASING - 356.13' 6-1/8" TIW "H" ROTATING SET COLLAR -

Operations Summary Report

Legal Well Name: SAN JUAN 32-8 UNIT 236A
 Common Well Name: SAN JUAN 32-8 UNIT 236A
 Event Name: COMPLETION
 Contractor Name: KEY ENERGY SVCS
 Rig Name: KEY ENERGY

Start: 4/2/2004
 Rig Release: 8/7/2004
 Rig Number: 22

Spud Date: 7/8/2004
 End: 8/8/2004
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
8/5/2004	08:30 - 12:00	3.50	CASING	RUNC	PROD1	2.40' TOTAL LINER ASSEMBLY 359.53'
	12:00 - 13:00	1.00	CASING	HOSO	PROD1	GIH W/ 2-7/8" DRILLPIPE T/3095'KB. GIH & SET 5-1/2" LINER ASSEMBLY F/ 3095-T/3445'KB EOL- W/ PBTD @ 3444'KB-
	13:00 - 20:30	7.50	RPCOMP	PULD	COMPZN	RELEASE OFF OF LINER ASSEMBLY TOL @ 3085.47'KB. COOH & LAYDOWN 2-7/8" DP AND SETTING TOOL- TRIP IN & LAYDOWN DC'S.
	20:30 - 06:00	9.50	WELLPR	RURD	COMPZN	CHANGE OUT #1 PIPE RAMS T/ 2-3/8"- RD POWER SWIVEL & MANUAL TONGS- PREP & TALLY TBG RU TO PERFORATE.
8/6/2004	06:00 - 12:00	6.00	PERF	PERF	COMPZN	SAFETY MEETING PRIOR TO STARTING OPERATIONS- SICP-115 PSIG. RU BLUE JET PERFORATORS- PT LUBRICATOR T/ 115 PSIG. GIH & PERFORATE Kfc INTERVALS: 3352-3354' 3330-3343' 3314-3326' 3274-3278' 3260-3272' 3209-3212' 3164-3171' 3150-3152' 3138-3142'
	12:00 - 13:00	1.00	WELCTL	BOPE	COMPZN	TOTAL 236 (0.75") DIAMETER 120 DEGREE PHASED HOLES- RD PERFORATORS. PT 2-3/8" PIPE RAMS T/ 115 PSIG (OK)-
	13:00 - 16:00	3.00	RPCOMP	PULD	COMPZN	BLEED WELL DOWN TO PIT-(SLIGHT BLOW " LOGGING OFF") GIH W/ 30.65' X 2-7/8" 8RD EUE BOX ORANGE PEELED MUD ANCHOR W/ 8-(1/4" X 8") SLOTS, 2-7/8" X 2-3/8" EUE 8RD X-O COLLAR (0.46') , W/ 0.85' x 2-3/8" OD X 1.78" ID "F" NIPPLE W/ 2-3/8" X 10' PUP JOINT- W/ 107 JTS 2-3/8" EUE 8RD 4.7 PPF J-55 TBG MEASURING (3377.42')- LAND TBG W/ 2-3/8" EUE 8RD X 7-1/16" TBG HGR CONTAINING A BPV PBTD @ 3444'KB EOT / MUD ANCHOR @ 3430.5'KB 1/4" X 8" SLOTS 3403'KB. 1.78" FN @ 3399'KB. PERF INTERVAL 3138-3354KB. TOP OF LINER @ 3085.5'KB.
	16:00 - 18:30	2.50	WELCTL	NUND	COMPZN	RIG DOWN FLOOR & AUXILIARY EQUIPMENT- ND BOPE & NU 2-3/8" EUE 8RD X 7-1/16" 3M BONNET. PULL BPV.
8/7/2004	18:30 - 19:00	0.50	WELLPR	OTHR	COMPZN	SECURE WELL-SDON.
	07:00 - 12:00	5.00	RPCOMP	PULD	COMPZN	SAFETY MEETING PRIOR TO STARTING OPERATIONS- SICP-115 PSIG. BLEED CSG DOWN TO PIT-

Operations Summary Report

Legal Well Name: SAN JUAN 32-8 UNIT 236A
 Common Well Name: SAN JUAN 32-8 UNIT 236A
 Event Name: COMPLETION
 Contractor Name: KEY ENERGY SVCS
 Rig Name: KEY ENERGY

Start: 4/2/2004
 Rig Release: 8/7/2004
 Rig Number: 22
 Spud Date: 7/8/2004
 End: 8/8/2004
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
8/7/2004	07:00 - 12:00	5.00	RPCOMP	PULD	COMPZN	RU TO RUN RODS- FUNCTION TEST INSERT PUMP (OK)- GIH W/ 12" STRAINER ATTACHED BELOW 2" X 1 1/2" X 12' RWAC-Z INSERT PUMP SN: (CP149) W/ 4' PONY ROD AND 135 3/4" NORRIS, TYPE 78, API GRADE "D" RODS & SPACE W/ 2', 6', & 8' PONY RODS, RUN 1 1/4" X 22' POLISHED ROD. RIG UP ABOVE 2-3/8" COLLAR 1-1/4" ROD RATAGAN, 2-3/8" PUMPING TEE W/ 2" & 1" OUTLETS W/ BALL VALVES, STUFFING BOX. PUMP SEATED @ 3399'KB,FN. LOAD TBG W/ 10 BBLs CLEAN PRODUCED KfC WATER- PT STANDING VALVE, TBG, STUFFING BOX T/ 800 PSIG (OK)- STROKE PUMP T/500 PSIG & CHECK TRAVELING VALVE (OK). HANG OFF PUMP.
	12:00 - 17:00	5.00	RIGMNT	RGRP	COMPZN	RIG REPAIR (HYDRAULIC LEAKS).
	17:00 - 17:30	0.50	WELLPR	OTHR	COMPZN	SECURE WELL-SDON.
8/8/2004	07:00 - 15:00	8.00	WELLPR	RURD	COMPZN	SAFETY MEETING PRIOR TO STARTING OPERATIONS- RIG DOWN AUXILIARY EQUIPMENT- RIG DOWN & RELEASE RIG @ 15:00, 8-07-2004- DROP FROM REPORT- TURN OVER TO PRODUCTION OPERATIONS- "JOB COMPLETE"