

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 <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input checked="" type="checkbox"/> Other: CBM		6. If Indian, Allottee or Tribe Name	
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 _____		7. Unit or CA Agreement Name and No.	
2. Name of Operator CONOCOPHILLIPS COMPANY		8. Lease Name and Well No. SAN JUAN 32-8 UNIT 225A	
3. Address PO BOX 2197 WL3 6054 HOUSTON, TX 77252		9. API Well No. 30-045-32398-00-S1	
4. Location of Well (Report location clearly and in accordance with Federal requirements) Sec 15 T31N R8W Mer NMP At surface NENW 1025FNL 1545FWL  At top prod interval reported below  At total depth		10. Field and Pool, or Exploratory BASIN FRUITLAND COAL	
14. Date Spudded 08/05/2004		11. Sec., T., R., M., or Block and Survey or Area Sec 15 T31N R8W Mer NMP	
15. Date T.D. Reached 08/22/2004		12. County or Parish SAN JUAN	
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 08/28/2004		13. State NM	
17. Elevations (DF, KB, RT, GL)* 6589 GL			
18. Total Depth: MD 3557 TVD		19. Plug Back T.D.: MD 3556 TVD	
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	3207		520		0	
6.250	5.500 J-55	16.0	3197	3557		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	3538							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) FRUITLAND COAL	3268	3468	3268 TO 3468	0.750	120	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	752.0	0.0			GAS PUMPING UNIT
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
1.5 PITO	SI	6.0	→	0	18048	0		GSI	

28a. Production - Interval B

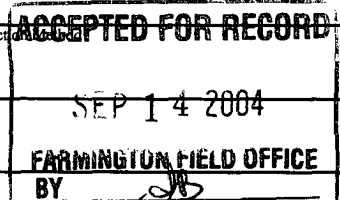
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
	SI		→						

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

ELECTRONIC SUBMISSION #36024 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\*

NMOCD



## 28b. Production - Interval C

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

## 28c. Production - Interval D

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

29. Disposition of Gas(Sold, used for fuel, vented, etc.)  
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 NACIMIENTO OJO ALAMO	0 856 2218	856 2218 2348		SAN JOSE NACIMIENTO OJO ALAMO KIRTLAND FRUITLAND COAL	13 702 2252 2352 3049

## 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 #36024 Verified by the BLM Well Information System.

For CONOCOPHILLIPS COMPANY, sent to the Farmington

Committed to AFMSS for processing by ADRIENNE BRUMLEY on 09/14/2004 (04AXB3383SE)

Name (please print) JUANITA FARRELL

Title AUTHORIZED REPRESENTATIVE

Signature \_\_\_\_\_ (Electronic Submission)

Date 09/13/2004

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 #225A  
API #: 30-045-32398  
Location: 1025' FNL & 1545' FWL  
Sec. 15 - T31N - R8W  
San Juan County, NM  
Elevation: 6589' 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: 5-Aug-04  
Release Drl Rig: 9-Aug-04  
Move In Cav Rig: 18-Aug-04  
Release Cav Rig: 27-Aug-04

Surface Casing Date set: 6-Aug-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 @ 20:43 hrs on 04-Aug-04  
Notified NMOCD @ 20:46 hrs on 04-Aug-04

Intermediate Casing Date set: 9-Aug-04  
Size 7 in 75 jts  
Set at 3207 ft 0 pups  
Wt. 20 ppf Grade J-55  
Hole Size 8 3/4 in Conn STC  
Excess Cmt 160 % Top of Float Collar 3167 ft  
T.O.C. SURFACE Bottom of Casing Shoe 3207 ft  
Pup @ ft TD of 8-3/4" Hole 3212 ft  
Pup @ ft

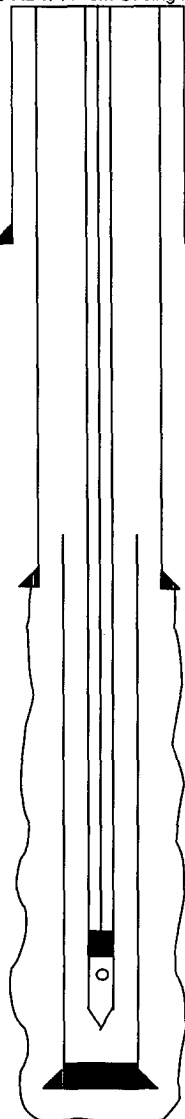
Notified BLM @ 12:46 hrs on 08-Aug-04  
Notified NMOCD @ 12:48 hrs on 08-Aug-04

Production Liner Date set: 25-Aug-04  
Size 5 1/2 in  
Nominal Wt. 15.5 ppf  
Grade J-55 Connections: LTC  
# Jnts: 8  
Hole Size 6.25 / 9.5 inches  
Underreamed 6-1/4" hole to 9.5" from 3212' to 3557'  
Top of Liner 3197 ft  
PBDT 3556 ft  
Bottom of Liner 3557 ft

☒ New  
☐ Used

☒ New  
☐ Used

☒ New  
☐ Used



TD 3,557 ft

Surface Cement

Date cmt'd: 6-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: 15.3 bbls fresh wtr  
Bumped Plug at: 05:17 hrs w/ 475 psi  
Final Circ Press: 70 psi @ 0.75 bpm  
Returns during job: YES  
CMT Returns to surface: 16 bbls  
Floats Held: No floats used  
W.O.C. for 6.00 hrs (plug bump to start NU BOP)  
W.O.C. for 14.25 hrs (plug bump to test csg)

Intermediate Cement

Date cmt'd: 9-Aug-04  
Lead : 420 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, 1096.2 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 Gilsonite  
+ 0.25 lb/sx D029 Cellophane Flakes  
+ 0.1% D046 Antifoam  
1.27 cuft/sx, 127 cuft slurry at 13.5 ppg  
Displacement: 128.3 bbls  
Bumped Plug at: 16:00 hrs w/ 1500 psi  
Final Circ Press: 820 psi @ 2.0 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  
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 @ 189'. Displaced top wiper plug with water. Shut in casing head and WOC before backing out landing jt. CENTRALIZERS @ 224', 146', 102', & 59'. Total: 4
7" Intermediate	DISPLACED W/ 20 BBLs. FRESH WATER AND 108.3 BBLs SLIGHTLY POLYMERIZED 8.4PPG DRILLING MUD. CENTRALIZERS @ 3197', 3123', 3037', 2950', 2864', 2778', 210', 83', & 40'. TURBOLIZERS @ 2349', 2312', & 2272'. Total: 9 Total: 3
5.5" Liner	Ran 6-1/16" OD bladed 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: 3268'-3273', 3276'-3282', 3307'-3313', 3386'-3396', 3399'-3406', 3437'-3449', 3453'-3468'. TOTAL SHOTS = 244.
Tubing	31.00' 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 110 jts 2-3/8" 4.7# J-55 EUE 8rd tubing with 2-3/8" x 6.13', 8.21', & 10.13' pup joints Bottom of Mud Anchor at 3538'. F-Nipple at 3506' MD RKB.
Pump & Rods	12" long strainer attached below 1-1/2" RWAC-Z insert pump, 1 ea 4' x 3/4" OD rod sub above pump 139 ea 25' x 3/4" OD rods, space out with 1 ea 2', 1 ea 4', & 1 ea 8' rod subs & 1 ea 1-1/4" OD x 22' polished rod Set pump in F-Nipple at 3506' MD RKB

This well was NOT cavitated.

## CONOCOPHILLIPS CO

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## Operations Summary Report

Legal Well Name: SAN JUAN 32-8 UNIT 225A  
 Common Well Name: SAN JUAN 32-8 UNIT 225A  
 Event Name: COMPLETION  
 Contractor Name: KEY ENERGY SVCS  
 Rig Name: KEY ENERGY 22

Start: 8/18/2004 Spud Date: 8/5/2004  
 Rig Release: 8/27/2004 End: 8/27/2004  
 Rig Number: 22 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
8/19/2004	10:30 - 15:00	4.50	MOVE	MOB	COMPZN	SAFETY MEETING PRIOR TO STARTING OPERATIONS-
	15:00 - 16:30	1.50	WELCTL	NUND	COMPZN	MIRU KEY 22 & SPOT AUXILIARY EQUIPMENT-
8/20/2004	16:30 - 17:00	0.50	WELLPR	OPNW	COMPZN	SI 7" INTERMEDIATE CSG -0- PSIG-NU BOPE-
	07:00 - 12:00	5.00	WELLPR	RURD	COMPZN	NOTIFIED BLM @ 19:00, 8-17-2004 OF PENDING CSG INTEGRITY TEST.
	12:00 - 13:00	1.00	WELLPR	SFTY	COMPZN	SDON.
	13:00 - 17:00	4.00	WELCTL	BOPE	COMPZN	SAFETY MEETING PRIOR TO STARTING OPERATIONS-
8/21/2004	17:00 - 17:30	0.50	WELLPR	OPNW	COMPZN	RIG UP AUXILIARY EQUIPMENT-
	07:00 - 12:00	5.00	WELCTL	NUND	COMPZN	RIG INSPECTION & CORRECTIONS.
						SI 7" INTERMEDIATE CSG -0- PSIG-
						ACCUMULATOR ISOLATION AND ACTUATION- (OK)
						PT BLIND RAMS & PERFORM CASING INTEGRITY TEST T/ 250 PSIG -5MIN & 1800 PSIG-30MIN-
						NOTIFIED BLM @ 19:00, 8-17-2004 OF PENDING CSG INTEGRITY TEST.
						"2- BLM INSPECTORS ON LOCATION DURING BOP TEST"
						SDON.
						SAFETY MEETING PRIOR TO STARTING OPERATIONS-
						X-O 2-1/16" VALVE ON EQUALIZING LINE-
	12:00 - 16:00	4.00	RPCOMP	PULD	PROD1	REPLACE O'RING'S IN #1 SINGLE GATE BOP.
						PRESSURE TEST KILL VALVE T/ 300 PSI-3MIN & 1800 PSIG-10 MIN (OK)-
						SI 7" INTERMEDIATE CSG PRESSURE -0- PSIG-
	16:00 - 17:00	1.00	EVALWB	CIRC	PROD1	MU 6-1/4" RR XK-20T TRI-CONE INSERT BIT JETTED W/ 3-20'S W/
	17:00 - 19:30	2.50	WELCTL	BOPE	PROD1	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 377.06', W/ 2-3/8"IF X 2-7/8" AOH X-O SUB, W/ 88- JOINTS 2-7/8" AOH DRILL PIPE T/3143'KB, TOC.
						RU POWER SWIVEL & CIRCULATE 7" WELLBORE CLEAN W/ Kfc PRODUCED WATER.
						PT #2 PIPE RAMS CHOKE MANIFOLD / 7" CASING T/350 PSIG -3 MIN & 1800 PSIG -15MIN (OK)
						PT #1 PIPE RAMS & HCR VALVES T/350 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/1525 PSIG (OK).
	19:30 - 06:00	10.50	DRILL	DRLG	PROD1	"BLM INSPECTOR DURING TEST"
						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@ 1300-525 PSIG-
						DRILLOUT CEMENT / FC @3167'KB / CEMENT / GS @ 3207'KB / CEMENT T/ 3212'KB, 8-3/4" TD.
						DRILLING 6-1/4" OPEN HOLE SECTION F/3213 - T/ 3557'KB- W/ 6K WOB @ 70-80 RPM'S @ 1100-1400 FT-LBS OF TORQUE-
						COAL INTERVALS      NET FEET OF COAL      MAX GAS UNITS
						3270-3273'                      (3')                      196
						3276-3272'                      (6')                      196
						3303-3304'                      (1')                      150
						3306-3312'                      (6')                      115
						3385-3405'                      (20')                      185
						3437-3451'                      (14')                      672

## Operations Summary Report

Legal Well Name: SAN JUAN 32-8 UNIT 225A  
 Common Well Name: SAN JUAN 32-8 UNIT 225A  
 Event Name: COMPLETION  
 Contractor Name: KEY ENERGY SVCS  
 Rig Name: KEY ENERGY 22

Start: 8/18/2004  
 Rig Release: 8/27/2004  
 Rig Number: 22  
 Spud Date: 8/5/2004  
 End: 8/27/2004  
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
8/21/2004	19:30 - 06:00	10.50	DRILL	DRLG	PROD1	3453-3468' (15') 672 TOTAL NET FEET OF COAL 65'. PICTURED CLIFF TOP @ 3477'KB.
8/22/2004	06:00 - 08:00	2.00	EVALWB	CIRC	COMPZN	SAFETY MEETING PRIOR TO STARTING OPERATIONS- R&R @ 3557' TD, PBTD W/ 1500 CFM & 6 BBL / HR MIST RATE W/ 1-GAL F-450 FOAMER & 1/4 GAL DC-316 CORROSION INHIBITOR / 10 BBLs PRODUCED KfC WATER @ 500 PSIG- RETURNS: 1-1/2+ DOWN T/ 1/2 OF A BUCKET / HR OFF MUD LOGGER SAMPLER VALVE OF 1/4" CHUNKS DOWN TO COFFEE GROUNDS SIZE OF COAL.
	08:00 - 10:00	2.00	EVALWB	CIRC	COMPZN	DRY UP WELLBORE W/ 1500 CFM AIR- ~ 32 BWPD W/ PH 8.
	10:00 - 11:00	1.00	RPCOMP	TRIP	COMPZN	PULL UP INTO 7" @ 3183'KB.
	11:00 - 12:00	1.00	EVALFM	PRDT	COMPZN	FLOW TEST THRU 2" TIME CHOKER MANIFOLD #S PITOT #S MSCFD / CONSISTENCY
						15MIN 8.0 2.00 869 / DRY 30MIN 7.5 1.87 837 / DRY 45MIN 7.5 1.87 837 / DRY 60MIN 7.5 1.87 837 / DRY
	12:00 - 14:00	2.00	EVALFM	SIPB	COMPZN	SIPBU ISIP 15MIN 30MIN 45MIN 60MIN 16# 140# 145# 150# 150# NATURAL SURGE #1 W/ 150 #S- RETURNS: VERY LITTLE IF ANY RETURNS TO SURFACE AFTER SURGE.
	14:00 - 18:45	4.75	RPCOMP	TRIP	PROD1	SHORT TRIP F/ 3183 - T/3550'KB, 7' OF FILL AFTER SURGE #1- PULL UP INTO 7" @ 3183'KB- RD POWER SWIVEL- REVIEW DERRICK RESCUE AND FALL PROTECTION- COOH W/ 6-1/4" DRLG ASSEMBLY - 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/3211'KB. RU POWER SWIVEL.
	18:45 - 03:00	8.25	DRILL	REAM	PROD1	BREAK CIRCULATION & UNLOADED A 5 BBL SLUG OF WATER- UNDER-REAM @ 700 PSIG W/ 1500 CFM AIR & 8-10 BPH MIST (CONTAINING 1-GAL F-450 / 10 BBLs AND 1/4 GAL CORR INHIBITOR / 10 BBLs KfC PRODUCED WATER)- F/3212-3557'KB, PBTD W/ 1100-1500-FT-LBS OF TORQUE, W/ ~3-6K WOB @ 80+ RPM'S.
	03:00 - 05:00	2.00	EVALWB	CIRC	PROD1	CIRCULATE & CONDITION WELLBORE PRIOR TO PULLING UNDER-REAMER- RETURNS: F/ 1 DOWN T/ 1/2 OF A BUCKET / HR OF FINE SAND T/ 1/4" COAL CHUNKS- DRY UP W/ 1500 CFM AIR.
8/23/2004	05:00 - 06:00	1.00	RPCOMP	TRIP	PROD1	PULL UNDER-REAMER UP INTO 7".
	06:00 - 07:00	1.00	EVALFM	PRDT	COMPZN	SAFETY MEETING PRIOR TO STARTING OPERATIONS- FLOW TEST THRU 2"

## Operations Summary Report

Legal Well Name: SAN JUAN 32-8 UNIT 225A

Common Well Name: SAN JUAN 32-8 UNIT 225A

Event Name: COMPLETION

Contractor Name: KEY ENERGY SVCS

Rig Name: KEY ENERGY 22

Spud Date: 8/5/2004

End: 8/27/2004

Start: 8/18/2004

Rig Release: 8/27/2004

Rig Number: 22

Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
8/23/2004	06:00 - 07:00	1.00	EVALFM	PRDT	COMPZN	TIME CHOKES MANIFOLD #S PITOT #S MSCFD / CONSISTENCY 15MIN 10.0 2.50 970 / DRY 30MIN 10.0 2.50 970 / DRY 45MIN 10.0 2.50 970 / DRY 60MIN 10.0 2.50 970 / DRY
	07:00 - 09:30	2.50	EVALFM	SIPB	COMPZN	SIPBU ISIP 15MIN 30MIN 45MIN 60MIN 75MIN 90MIN 2HR 19# 114# 156# 168# 170# 170# 173# 175# BLEED WELL SLOWLY DOWN TO PIT.
	09:30 - 13:30	4.00	RPCOMP	TRIP	COMPZN	REVIEW DERRICK RESCUE AND FALL PROTECTION-COOH & LAYDOWN UNDER-REAMER-GIH W/ 6-1/4" DRLG ASSEMBLY T/3183"KB.
	13:30 - 14:45	1.25	EVALFM	SIPB	COMPZN	SIPBU ISIP 15MIN 30MIN 45MIN 60MIN 20# 135# 180# 210# 210# NATURAL SURGE #2 W/ 210 #S- RETURNS: VERY LITTLE IF ANY RETURNS TO SURFACE AFTER SURGE.
	14:45 - 15:15	0.50	RPCOMP	TRIP	COMPZN	SHORT TRIP F/3183 & TAG 5' OF NEW FILL @ 3545'KB, PULL UP T/ 3530'KB
	15:15 - 23:30	8.25	EVALWB	CIRC	COMPZN	BREAK CIRCULATION / R&R W/ 1500 CFM AIR & 6 BPH MIST CONTAINING 1 GAL F-450 FOAMER & 1/4 GAL CORRIOSION INHIBITOR / 10 BBLs PRODUCED Kfc WATER @ 500 PSIG- UNLOADED A ~10 BBL SLUG OF WATER- RETURNS: 2 DOWN T/1/4 OF A BUCKET / HR OFF MUD LOGGER SAMLER VALVE OF 1" CHUNKS DOWN TO COFFEE GROUND SIZE 60% COAL / 40% SHALE. DRY UP W/ 1500 CFM AIR PRIOR TO PULLING UP INTO 7".
	23:30 - 00:30	1.00	RPCOMP	TRIP	COMPZN	PULL UP INTO 7".
	00:30 - 06:00	5.50	EVALFM	SIPB	COMPZN	SIPBU FOR NATURAL SURGES SURGE # ISIP 15MIN 30MIN 45MIN 60MIN #3 20# 130# 155# 165# 165# #4 20# 132# 154# 165# 165# #5 18# 128# 162# 182# 216# CON'T SIPBU  PERFORM NATURAL SURGES #3-#4 W/ 165#S RETURNS: VERY LITTLE IF ANY RETURNS TO SURFACE AFTER SURGE.
8/24/2004	06:00 - 13:30	7.50	EVALFM	SIPB	COMPZN	SAFETY MEETING PRIOR TO STARTING OPERATIONS- SIPBU FOR NATURAL SURGES SURGE # ISIP 15MIN 30MIN 45MIN 60MIN 75MIN 90MIN 2HR #6 20# 140# 185# 235# 255# 267# 267# #7 20# 145# 190# 225# 256# 252# 245# #8 20# 145# 190# 225# 245# LOGGING OFF  PERFORM NATURAL SURGES #6-#8 W/ 245-267#S RETURNS: VERY LITTLE IF ANY RETURNS TO SURFACE AFTER SURGE.
	13:30 - 14:00	0.50	RPCOMP	TRIP	COMPZN	GIH W/ 6-1/4" DRLG ASSEMBLY F/3183 & TAG BRIDGE @ 3450'KB.
	14:00 - 03:00	13.00	EVALWB	CIRC	COMPZN	BREAK CIRCULATION UNLOADED A ~5 BBL SLUG OF Kfc PRODUCED WATER-

## Operations Summary Report

Legal Well Name: SAN JUAN 32-8 UNIT 225A  
 Common Well Name: SAN JUAN 32-8 UNIT 225A  
 Event Name: COMPLETION  
 Contractor Name: KEY ENERGY SVCS  
 Rig Name: KEY ENERGY 22

Start: 8/18/2004 Spud Date: 8/5/2004  
 Rig Release: 8/27/2004 End: 8/27/2004  
 Rig Number: 22 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
8/24/2004	14:00 - 03:00	13.00	EVALWB	CIRC	COMPZN	CLEANOUT THRU BRIDGE @ 3450' & 7' BRIDGE @ 3498'-CO T/3557'KB R&R @ 3557'KB, W/ 1500 CFM AIR & 6 BPH MIST CONTAINING 1 GAL F-450 FOAMER & 1/4 GAL CORROSION INHIBITOR / 10 BBLs PRODUCED Kfc WATER @ 500 PSIG- RETURNS:1-1/2 DOWN T/1/4 OF A BUCKET / HR OFF MUD LOGGER SAMLER VALVE OF 3/8" CHUNKS DOWN TO FACE POWDER SIZE 80% COAL / 20% SHALE. DRY UP W/ 1500 CFM AIR PRIOR TO PULLING UP INTO 7".
	03:00 - 04:00 04:00 - 06:00	1.00 2.00	RPCOMP EVALFM	TRIP PRDT	COMPZN COMPZN	PULL UP INTO 7". FLOW TEST THRU 2" TIME CHOKES MANIFOLD #S PITOT #S MSCFD / CONSISTENCY 15MIN 6.5 1.63 763 / DRY 30MIN 6.5 1.63 763 / DRY 45MIN 7.0 1.75 782 / DRY 60MIN 7.0 1.75 782 / DRY 75MIN 7.5 1.88 837 / DRY 90MIN 7.5 1.88 837 / DRY 105MIN 7.5 1.88 837 / DRY
8/25/2004	06:00 - 21:00	15.00	EVALFM	SIPB	COMPZN	SAFETY MEETING PRIOR TO STARTING OPERATIONS-SIPBU FOR NATURAL SURGES SURGE # ISIP 15MIN 30MIN 45MIN 60MIN 75MIN 90MIN 2HR #9 15# 50# 180# 185# 185# #10 12# 135# 168# 175# 185# 185# 186# 186# #11 20# 120# 170# 195# 200# 200# #12 18# 125# 174# 190# 205# 205# #13 10# 105# 160# 210# 223# 225# 230# #14 11# 107# 168# 205# 235# 240# 240#
	21:00 - 21:30 21:30 - 02:00	0.50 4.50	RPCOMP EVALWB	TRIP CIRC	COMPZN COMPZN	PERFORM NATURAL SURGES #9-#14 W/ 185-240#'S RETURNS: VERY LITTLE IF ANY RETURNS TO SURFACE AFTER SURGE. GIH W/ 6-1/4" DRLG ASSEMBLY F/3183 & TAG BRIDGE @ 3450'KB. BREAK CIRCULATION UNLOADED A ~10 BBL SLUG OF Kfc PRODUCED WATER- CLEANOUT THRU BRIDGE @ 3450' & CO T/3557'KB,PBTD R&R @ 3557'KB, W/ 1500 CFM AIR & 6 BPH MIST CONTAINING 1 GAL F-450 FOAMER & 1/4 GAL CORROSION INHIBITOR / 10 BBLs PRODUCED Kfc WATER @ 500 PSIG- RETURNS:1 DOWN T/1/4 OF A BUCKET / HR OFF MUD LOGGER SAMLER VALVE OF COFFEE GROUNDS DOWN TO FACE POWDER SIZE 80% COAL / 20% SHALE. PULL UP INTO 7".
8/26/2004	02:00 - 05:00	3.00	RPCOMP	TRIP	COMPZN	SHORT TRIP F/ 3183 T/ 3557'KB, PBTD- REVIEW DERRICK RESCUE AND FALL PROTECTION- COOH W/ 6-1/4" DRLG ASSEMBLY. RU TO RUN 5-1/2" LINER.
	05:00 - 06:00 10:30 - 11:30	1.00 1.00	CASING WELLPR	RURD RURD	PROD1 PROD1	SAFETY MEETING PRIOR TO STARTING OPERATIONS- 6-1/4" RR BIT GRADED-( 2-2-NO-A-E-I-NO-TD)- MU "H" LATCH LINER HANGER ASSEMBLY ON FIRST JOINT OF DRILL PIPE.

# CONOCOPHILLIPS CO

## Operations Summary Report

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Legal Well Name: SAN JUAN 32-8 UNIT 225A  
 Common Well Name: SAN JUAN 32-8 UNIT 225A  
 Event Name: COMPLETION  
 Contractor Name: KEY ENERGY SVCS  
 Rig Name: KEY ENERGY 22

Start: 8/18/2004      Spud Date: 8/5/2004  
 Rig Release: 8/27/2004      End: 8/27/2004  
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Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
8/26/2004	10:30 - 11:30	1.00	WELLPR	RURD	PROD1	MU 6-1/16" TIW BLADED SHOE ON 1ST JOINT OF CASING.- FCP 7 PSIG 1.75 PSIG PITOT = 782 MSCFD DRY WHILE ATTENDING MONTHLY SAFETY MEETING-
	11:30 - 12:00	0.50	WELCTL	BOPE	PROD1	X-O & PT PIPE RAMS T/ 180 PSIG- (OK)
	12:00 - 14:30	2.50	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 - 356.26' 6-1/8" TIW "H" ROTATING SET COLLAR - 2.40' TOTAL LINER ASSEMBLY - 359.66' GIH W/ 90 JTS 2-7/8" DRILLPIPE T/3180'KB.
	14:30 - 15:30	1.00	CASING	HOSO	PROD1	GIH & SET 5-1/2" LINER ASSEMBLY F/ 3180-T/3557'KB EOL- W/ PBTD @ 3556'KB- RELEASE OFF OF LINER ASSEMBLY TOL @ 3197.3'KB. 7" SHOE @ 3207'KB.
	15:30 - 17:00	1.50	RIGMNT	SVRG	COMPZN	RIG SERVICE- OIL CHANGE & LUBRICATION-
	17:00 - 21:00	4.00	RPCOMP	PULD	COMPZN	COOH & LAYDOWN 2-7/8" DP AND SETTING TOOL- TRIP IN & LAYDOWN DC'S. "BREEZY AFTERNOON"
	21:00 - 06:00	9.00	WELLPR	RURD	COMPZN	CHANGE OUT #1 PIPE RAMS T/ 2-3/8"- RD POWER SWIVEL & MANUAL TONGS- PREP & TALLY TBG RU TO PERFORATE. SICP 215 PSIG.
8/27/2004	06:00 - 11:30	5.50	PERF	PERF	COMPZN	SAFETY MEETING PRIOR TO STARTING OPERATIONS- SICP-210 PSIG. RU BLUE JET PERFORATORS- PT LUBRICATOR T/ 210 PSIG. GIH & PERFORATE Kfc INTERVALS: 3453-3468' 3437-3449' 3399-3406' 3386-3396' 3307-3313' 3276-3282' 3268-3273'  TOTAL 244 (0.75") DIAMETER 120 DEGREE PHASED HOLES- RD PERFORATORS- SIP AFTER PERFORATING 267 PSIG.
	11:30 - 13:00	1.50	WELCTL	BOPE	COMPZN	PT 2-3/8" PIPE RAMS T/ 267 PSIG (OK)- BLEED WELL DOWN TO PIT.
	13:00 - 15:15	2.25	RPCOMP	PULD	COMPZN	FLOW TEST THRU 2" @ 6 PSIG = 1.5# PITOT = 752 MSCFD / DRY GIH W/ 31.00' 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 CONTAINING BLANKING PLUG (PT BP IN FN T/ 1000 PSIG 8-24-2004 @ B&R SERVICE'S SHOP),



## Operations Summary Report

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 Rig Name: KEY ENERGY 22

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8/27/2004	13:00 - 15:15	2.25	RPCOMP	PULD	COMPZN	W/ 2-3/8" X 6.13, 8.21, & 10.13' PUP JOINTS- W/ 110 JTS 2-3/8" EUE 8RD 4.7 PPF J-55 TBG MEASURING (3470.11')- LAND TBG W/ 2-3/8" EUE 8RD X 7-1/16" TBG HGR CONTAINING A BPV PBTD @ 3556'KB EOT / MUD ANCHOR @ 3537.9'KB 1/4" X 8" SLOTS 3509'KB. 1.78" FN @ 3506'KB. PERF INTERVAL 3268-3468'KB. TOP OF LINER @ 3197'KB.
	15:15 - 17:00	1.75	WELCTL	NUND	COMPZN	RIG DOWN FLOOR & AUXILIARY EQUIPMENT- ND BOPE & NU 2-3/8" EUE 8RD X 7-1/16" 3M BONNET. PULL BPV.
	17:00 - 18:00	1.00	RPEQPT	SLKL	COMPZN	SICP 235 PSIG- RU B&R SERVICE- PT LUBRICATOR T/ 235 PSIG (OK)- GIH W/ EQUALIZING PROBE & RUPTURE DISC IN "FWE" PLUG IN FN @ 3506'KB- TRIP AND RETRIEVE BP IN FN- FL @ 3410'GL- RD SLICKLINE.
	18:00 - 19:00	1.00	WELLPR	OTHR	COMPZN	SDON.
8/28/2004	07:00 - 11:30	4.50	RPCOMP	PULD	COMPZN	SAFETY MEETING PRIOR TO STARTING OPERATIONS- SICP-265 PSIG. BLEED CSG DOWN TO PIT- 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: (CP156) W/ 4' PONY ROD AND 139 3/4" NORRIS, TYPE 78, API GRADE "D" RODS & SPACE W/ 2', 4', & 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 @ 3506'KB, FN. LOAD TBG W/ 12 BBLs CLEAN PRODUCED Kfc WATER- PT STANDING VALVE, TBG, STUFFING BOX T/ 500 PSIG (OK)- STROKE PUMP T/500 PSIG & CHECK TRAVELING VALVE (OK). HANG OFF PUMP.
	11:30 - 16:00	4.50	WELLPR	RURD	COMPZN	RIG DOWN & RELEASE RIG @ 16:00, 8-27-2004- DROP FROM REPORT- TURN OVER TO PRODUCTION OPERATIONS- "JOB COMPLETE"