

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.
NMSF079029

1a. Type of Well ☐ Oil Well ☐ Gas Well ☐ Dry ☒ Other: CBM
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.
Other _____

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.
NMMN78424B

2. Name of Operator
CONOCOPHILLIPS COMPANY

Contact: CHRIS GUSTARTIS
E-Mail: christina.gustartis@conocophillips.com

8. Lease Name and Well No.
SAN JUAN 32-8 UNIT 240A

3. Address PO BOX 2197 WL3 6054
HOUSTON, TX 77252

3a. Phone No. (include area code)
Ph: 832.486.2463

9. API Well No.
30-045-31835-00-S1

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

Sec 3 T31N R8W Mer NMP
At surface SWNW 1550FNL 730FWL

10. Field and Pool, or Exploratory
BASIN FRUITLAND COAL

11. Sec., T., R., M., or Block and Survey
or Area Sec 3 T31N R8W Mer NMP

12. County or Parish
SAN JUAN

13. State
NM

14. Date Spudded
04/02/2004

15. Date T.D. Reached
05/17/2004

16. Date Completed
☐ D & A ☒ Ready to Prod.
05/16/2004

17. Elevations (DF, KB, RT, GL)*
6764 GL

18. Total Depth: MD 3727
TVD

19. Plug Back T.D.: MD 3725
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	235		150		0	
8.750	7.000 J-55	20.0	0	3404		550		0	
9.500	5.500 LINER	16.0	3370	3727		0		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	3713							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) FRUITLAND COAL	3490	3644	3490 TO 3644	0.750	260	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
3414 TO 3727	UNDERREAMED 6.25 HOLE TO 9.5
3490 TO 3644	SURGED WELL NATURALLY FOR APPROX. 5 DAYS

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
05/16/2004	05/14/2004	1	→	0.0	138.0	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	
1/2	SI	380.0	→	0	3311	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
			→						
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 #31906 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

ACCEPTED FOR RECORD
JUN 18 2004
FARMINGTON FIELD OFFICE
BY

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.)
VENTED

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	847		SAN JOSE	13
NACIMIENTO	847	2414		NACIMIENTO	842
OJO ALAMO	2414	2461		OJO ALAMO	2367
				KIRTLAND	2427
				FRUITLAND	3146
				PICTURED CLIFFS	3659

32. Additional remarks (include plugging procedure):

This completion is a single zone producing well from the Basin Fruitland Coal. Attached are the daily summaries and schematic.

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 #31906 Verified by the BLM Well Information System.
For CONOCOPHILLIPS COMPANY, sent to the Farmington
Committed to AFMSS for processing by ADRIENNE GARCIA on 06/18/2004 (04AXG2684SE)

Name (please print) CHRIS GUSTARTIS

Title AUTHORIZED REPRESENTATIVE

Signature (Electronic Submission)

Date 06/15/2004

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 # 240A
 API #: 30-045-31835
 Location: 1550' FNL & 730' FWL
Sect 3 - T31N - R8W
San Juan County, NM
 Elevation: 6764' GL (above MSL)
 Drl Rig RKB: 13' above Ground Level
 Datum: Drl Rig RKB = 13' above GL

Spud: 2-Apr-04
 Release Drl Rig: 6-Apr-04
 Move In Cav Rig: 19-Apr-04
 Release Cav Rig: 17-May-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: 2-Apr-04
 Size 9 5/8 in
 Set at 235 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 235 ft
 TD of 12-1/4" hole 245 ft

Notified BLM @ 19:50 hrs on 01-Apr-04
 Notified NMOCD @ 19:53 hrs on 01-Apr-04

Intermediate Casing Date set: 5-Apr-04
 Size 7 in 79 jts
 Set at 3404 ft 1 pups
 Wt. 20 ppf Grade J-55
 Hole Size 8 3/4 in Conn STC
 Excess Cmt 160 % Top of Float Collar 3358 ft
 T.O.C. SURFACE Bottom of Casing Shoe 3404 ft
 Pup @ 2705 ft TD of 8-3/4" Hole 3407 ft
 Pup @ ft

Notified BLM @ 14:50 hrs on 04-Apr-04
 Notified NMOCD @ 14:52 hrs on 04-Apr-04

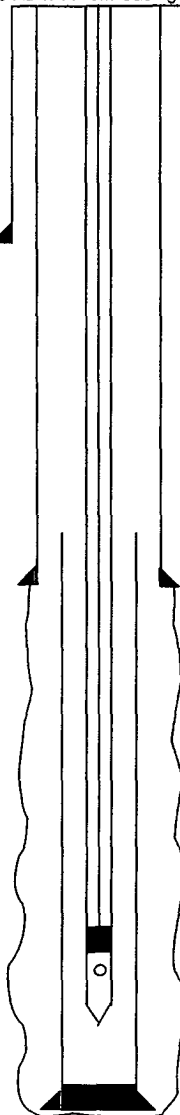
Production Liner Date set: 12-May-04
 Size 5 1/2 in
 Nominal Wt. 15.5 ppf
 Grade J-55 Connections: LTC
 # Jnts: 8
 Hole Size 6.25 / 9.5 inches
 Underreamed 6-1/4" hole to 9.5" from 3414' to 3727'
 Top of Liner 3370 ft
 PBTD 3725 ft
 Bottom of Liner 3727 ft

This well was cavitated.

☒ New
☐ Used

☒ New
☐ Used

☒ New
☐ Used



TD 3,727 ft

Surface Cement

Date cmt'd: 2-Apr-04
 Lead : 150 sx Class G Cement
 + 2% BWOC S001 Calcium Chloride
 + 0.25 lb/sx D130 Poly-Flak
1.16 cuft/sx, 174 cuft slurry at 15.8 ppg
 Displacement: 15.3 bbls fresh wtr
 Bumped Plug at: 22:52 hrs w/ 250 psi
 Final Circ Press: 70 psi @ 0.4 bpm
 Returns during job: YES
 CMT Returns to surface: 8 bbls
 Floats Held: No floats used
 W.O.C. for 6.00 hrs (plug bump to start NU BOP)
 W.O.C. for 10.00 hrs (plug bump to test csg)

Intermediate Cement

Date cmt'd: 6-Apr-04
 Lead : 450 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, 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 Gilsonite
 + 0.25 lb/sx D029 Cellophane Flakes
 + 0.2% D046 Antifoam
1.27 cuft/sx, 127 cuft slurry at 13.5 ppg
 Displacement: 136 bbls
 Bumped Plug at: 03:06 hrs w/ 1550 psi
 Final Circ Press: 710 psi @ 2 bpm
 Returns during job: YES
 CMT Returns to surface: 20 bbls
 Floats Held: X Yes No

UNCEMENTED LINER

Schematic prepared by:
 Steven O. Moore, Drilling Engineer
 25-May-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. Displaced top wiper plug with water. Shut in casing head and WOC before backing out landing jt. CENTRALIZERS @ 225', 147', 103' & 59'. Total: 4
7" Intermediate	DISPLACED W/ 20 BBLs. FRESH WATER & 116 BBLs. 8.4 PPG SLIGHTLY POLYMERIZED DRILL WATER CENTRALIZERS @ 3394', 3315', 3229', 3142', 3056', 2969', 212', 82' & 39'. TURBOLIZERS @ 2450', 2407' & 2363'. Total: 9 Total: 3
5.5" Liner	Ran 6-1/4" bit & bit sub with float on bottom of liner. Ran and set the 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, 260 shots total, 0.75" diameter, 120 degree phased holes. Perf. Intervals: 3490'-3498', 3500'-3505', 3508'-3514', 3516'-3522', 3524'-3528', 3539'-3549', 3552'-3554', 3556'-3562', 3602'-3606', 3626'-3630', 3634'-3644'.
Tubing	2-7/8" 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 expendable check, 2-3/8" OD (1.78" ID) F-Nipple 112 jts 2-3/8" 4.7# J-55 EUE 8rd tubing with 1 ea 6 ft pup, 1 ea 8 ft pup, and 1 ea 10 ft pup under top jt under hanger. Bottom of Mud Anchor at 3713'. Top of F-Nipple at 3680' MD RKB. 112 jts tbg + 3 pup jts + EXP + Mud Anchor in the hole.
Pump & Rods	12" long strainer attached below 2" x 1-1/2" insert pump, 1 ea 4' x 3/4" pony rod on top of pump, 146 each 3/4" rods, spaced out with 1 ea 4', 1 ea 6', and 1 ea 8' x 3/4" OD pony rods & 1 ea 1-1/4" OD x 22' polished rod. Set pump in F-Nipple at 3680' MD RKB

CONOCOPHILLIPS CO

Operations Summary Report

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Legal Well Name: SAN JUAN 32-8 UNIT 240A
 Common Well Name: SAN JUAN 32-8 UNIT 240A
 Event Name: COMPLETION
 Contractor Name: KEY ENERGY SVCS
 Rig Name: KEY 18

Spud Date: 4/2/2004
 Start: 3/30/2004
 End: 5/15/2004
 Rig Release: 5/16/2004
 Group:
 Rig Number: 18

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
4/20/2004	07:00 - 07:30	0.50	MOVE	SFTY	DEMOB	SAFETY MEETING @ START OF ALL OPERATION'S
	07:30 - 09:30	2.00	MOVE	DMOB	DEMOB	LOADING OUT EQUIPMENT ON FLOAT'S
	09:30 - 18:30	9.00	MOVE	MOB	MIRU	MIRU KEY RIG & EQUIPMENT = WELDING ON RIG & RIG EQUIPMENT FOR SAFETY DEFICIENCY'S
4/21/2004	18:30 - 19:00	0.50	MOVE	OTHR	MIRU	SECURED LOCATION & S.D.O.N.
	07:00 - 07:30	0.50	MOVE	MOB	MIRU	SAFETY MEETING @ START OF ALL OPERATION'S
	07:30 - 18:30	11.00	MOVE	MOB	MIRU	RU RIG & EQUIPMENT = WELDING ON EQUIPMENT FOR SAFETY DEFICIENCY'S = INSPECTION OF DC'S & SUB'S BY TUBOSCOPE = NU BOP'S, HCR VALVE'S, CHOKE MANIFOLD & BLOOIE LINE'S
4/22/2004	18:30 - 19:00	0.50	MOVE	MOB	MIRU	SECURED LOCATION & S.D.O.N.
	07:00 - 07:30	0.50	MOVE	MOB	MIRU	SAFETY MEETING @ START OF ALL OPERATION'S
	07:30 - 11:30	4.00	MOVE	RURD	MIRU	RU EQUIPMENT & WELD ON SAFETY DEFICIENCY'S = RIG & EQUIPMENT INSPECTION BY COPC SAFETY REP.
4/23/2004	11:30 - 13:30	2.00	EVALFM	PRTS	MIRU	TEST BLIND RAM'S & 7" CSG 200# 3 MIN'S & 1800# 30 MIN'S, STATE INTEGRITY TEST = CHARTED GOOD TEST
						TEST PIPE RAM'S & STACK, HCR VALVE'S, CHOKE MANIFOLD 200# 3 MIN'S & 1800# 10 MIN'S = CHARTED GOOD TEST
	13:30 - 16:00	2.50	EVALFM	TRIP	PROD1	GIH PU 6 1/4" BIT, BIT SUB, 12-3 1/2" DC'S, 2 7/8" DP T/3330'
	16:00 - 16:45	0.75	EVALFM	RURD	PROD1	PU & RU POWER SWIVEL
	16:45 - 17:00	0.25	EVALFM	OTHR	PROD1	SECURED WELL & LOCATION = S.D.O.N.
	07:00 - 07:30	0.50	DRILL	SFTY	PROD1	SAFETY MEETING @ START OF OPERATION'S
	07:30 - 08:30	1.00	DRILL	CIRC	PROD1	CIRC & UNLOAD HOLE W / AIR ASSIST
	08:30 - 10:00	1.50	DRILL	DRLG	PROD1	DRILLING OUT CMT, 7" FLOAT COLLAR & SHOE TO 8 3/4" INTERMEDIATE TD @ 3407' W / 6 1/4" RERUN SMITH BIT, TYPE F15P, SN LA5164
	10:00 - 23:00	13.00	DRILL	DRLG	PROD1	SAFETY MEETING @ START OF OPERATION'S = DRILLING AHEAD W / 6 1/4" BIT F/3407'-T/3727' TD W / 950 SCFM AIR, 6 TO 8 BPH MIST, 1 GAL OF 450 FOAMER, 1/4 GAL OF CORROSION INHIBITOR PER 10 BBL'S OF FLUID, 75 RPM'S, 6 POINT'S ON BIT, 330# ON CHART @ AIR COMPRESSOR'S & 230# ON DP PRESSURE ON GAGE @ RIG FLOOR = RETURN'S TO SURFACE, MED COAL & SANDSTONE W / 3/4 BPH WATER GAIN
	23:00 - 23:30	0.50	DRILL	CIRC	PROD1	CIRC & CORRELATE W / MUD LOGGER'S, COAL INTERVAL'S AS FOLLOW'S = ATTENTION BACKGROUND GAS @ SHOE 324 UNIT'S
						3489'-3516' = 27 FT = 659 GAS UNIT'S
						3533'-34' = 1 FT = 400 BACKGROUND GAS UNIT'S
						3539'-42' = 3 FT = 400 BACKGROUND GAS UNIT'S
						3543'-54' = 11 FT = 450 BACKGROUND GAS UNIT'S
						3556'-61' = 5 FT = 450 BACKGROUND GAS UNIT'S
						3634'-44' = 10 FT = 500 GAS UNIT'S
						3647'-48' = 1 FT = 500 GAS UNIT'S
						TOTAL NET COAL = 58 FT
	23:30 - 05:30	6.00	EVALFM	OTHR	COMPZN	R&R C/O T/3727' TD W / 950 SCFM AIR, 6 BPH MIST, 1 GAL OF 450 FOAMER, 1/4 GAL OF CORROSION INHIBITOR PER 10 BBL'S OF FLUID, 65 TO 75 RPM'S, 1 TO 3 POINT'S OF BIT, 230# DP PRESSURE ON GAGE @ RIG FLOOR & 330# ON CHART @ AIR COMPRESSOR'S = RETURN'S TO SURFACE, MED TO LIGHT COAL & FINE'S W / 3/4 BPH WATER GAIN = 95% COAL & 5% SHALE & SANDSTONE

CONOCOPHILLIPS CO

Operations Summary Report

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Legal Well Name: SAN JUAN 32-8 UNIT 240A
 Common Well Name: SAN JUAN 32-8 UNIT 240A
 Event Name: COMPLETION
 Contractor Name: KEY ENERGY SVCS
 Rig Name: KEY 18

Start: 3/30/2004
 Rig Release: 5/16/2004
 Rig Number: 18
 Spud Date: 4/2/2004
 End: 5/15/2004
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
4/23/2004	05:30 - 06:00	0.50	EVALFM	TRIP	COMPZN	PUH INSIDE 7" CSG W / BHA
4/24/2004	06:00 - 07:00	1.00	EVALFM	PRDT	COMPZN	2" OPEN FLOW TEST W / PITOT TUBE TIME = MANIFOLD = PITOT = MCFD 15 MIN'S = 6.0# = 1.5# = 752 30 MIN'S = 8.0# = 2.0# = 869 45 MIN'S = 8.5# = 2.125# = 920 1 HR = 8.5# = 2.125# = 920
	07:00 - 09:00	2.00	EVALFM	SIPB	COMPZN	SAFETY MEETING @ START OF OPERATION'S SHUT IN PRESSURE BUILD UP TEST TIME = PRESSURE ISIP = 20# 15 MIN'S = 190# 30 MIN'S = 300# 45 MIN'S = 350# 1 HR = 370# 1:15 MIN'S = 390# 1:30 MIN'S = 395# 1:45 MIN'S = 400# 2 HR'S = 400#
	09:00 - 09:30	0.50	EVALFM	SFTY	COMPZN	BOP & FIRE DRILL
	09:30 - 10:00	0.50	EVALFM	RURD	COMPZN	HANG BACK POWER SWIVEL & TIE BACK ON TWO LINE'S
	10:00 - 12:30	2.50	EVALFM	EQRP	COMPZN	WORKING ON CHAIN ON DRAW-WORK'S
	12:30 - 14:30	2.00	EVALFM	TRIP	COMPZN	COOH W / DP, DC'S & BHA
	14:30 - 14:45	0.25	EVALFM	SFTY	COMPZN	SAFETY MEETING @ START OF OPERATION'S
	14:45 - 15:15	0.50	EVALFM	RURD	COMPZN	RU BAKER CONE TYPE 9 1/2" UNDERREAMER
	15:15 - 16:30	1.25	EVALFM	TRIP	COMPZN	RIH W / BHA & DP T/3400'
	16:30 - 17:00	0.50	EVALFM	RURD	COMPZN	TIE BACK ON ONE LINE & PU POWER SWIVEL
	17:00 - 04:00	11.00	EVALFM	OTHR	COMPZN	UNDERREAM 6 1/4" HOLE TO 9 1/2" HOLE W / BAKER CONE TYPE UNDERREAMER F/3414'-T/3727' TD W / 1500 SCFM AIR, 6 TO 8 BPH MIST, 1 GAL OF 450 FOAMER, 1/4 GAL OF CORROSION INHIBITOR PER 10 BBL'S OF FLUID, 75 RPM'S, 4 TO 6 POINT'S OF BIT, 420# PRESSURE ON CHART @ COMPRESSOR'S & 320# DP PRESSURE ON GAGE @ RIG FLOOR = RETURN'S TO SURFACE, MED COAL, SHALE & SANDSTONE W / 1 BPH WATER GAIN
	04:00 - 04:30	0.50	EVALFM	TRIP	COMPZN	PUH INSIDE 7" CSG W / BHA
	04:30 - 05:00	0.50	EVALFM	RURD	COMPZN	HANG BACK POWER SWIVEL & TIE BACK ON TWO LINE'S
	05:00 - 06:00	1.00	EVALFM	TRIP	COMPZN	COOH W / DP, DC'S & UNDERREAMER = HAD SMALL DRAG ON UNDERREAMER - 4 DOWN TO 2 POINT'S
4/25/2004	06:00 - 07:00	1.00	EVALFM	TRIP	COMPZN	COOH W / DP, DC'S & UNDERREAMER
	07:00 - 07:15	0.25	EVALFM	SFTY	COMPZN	SAFETY MEETING @ START OF OPERATION'S
	07:15 - 07:30	0.25	EVALFM	RURD	COMPZN	RD UNDERREAMER & RU 6 1/4" BIT & SUB
	07:30 - 09:00	1.50	EVALFM	TRIP	COMPZN	RIH W / 6 1/4" BIT, BIT SUB, DC'S & DP TO 3655'
	09:00 - 09:15	0.25	EVALFM	RURD	COMPZN	PU POWER SWIVEL
	09:15 - 10:15	1.00	EVALFM	CIRC	COMPZN	CIRC & DRY UP WELLBORE = UNLOADED EST 20 TO 25 BBL'S OF WATER, NOT ABLE TO DRY UP WELL
	10:15 - 10:30	0.25	EVALFM	TRIP	COMPZN	PUH INSIDE 7" CSG W / BHA
	10:30 - 11:30	1.00	EVALFM	PRDT	COMPZN	2" OPEN FLOW TEST W / PITOT TUBE TIME = MANIFOLD = PITOT = MCFD 15 MIN'S = 8.500# = 2.000# = 869 30 MIN'S = 9.500# = 2.375# = 910 45 MIN'S = 10.000# = 2.500# = 970 1 HR = 10.000# = 2.500# = 970 ATTENTION TEST WET W / HEAVY MIST & 1/8" TO 1/4" STREAM OF

Operations Summary Report

Legal Well Name: SAN JUAN 32-8 UNIT 240A
 Common Well Name: SAN JUAN 32-8 UNIT 240A
 Event Name: COMPLETION
 Contractor Name: KEY ENERGY SVCS
 Rig Name: KEY 18

Spud Date: 4/2/2004
 Start: 3/30/2004
 End: 5/15/2004
 Rig Release: 5/16/2004
 Group:
 Rig Number: 18

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
4/25/2004	10:30 - 11:30	1.00	EVALFM	PRDT	COMPZN	WATER
	11:30 - 13:30	2.00	EVALFM	SIPB	COMPZN	SHUT IN PRESSURE BUILD UP FOR TEST
						TIME = PRESSURE
						ISIP = 22#
						15 MIN'S = 195#
						30 MIN'S = 305#
						45 MIN'S = 355#
						1 HR = 375#
						1:15 MIN'S = 382#
						1:30 MIN'S = 390#
4/25/2004						1:45 MIN'S = 393#
						2 HR'S = 397#
						2 HR'S =
	13:30 - 18:30	5.00	EVALFM	OTHR	COMPZN	SURGE # 1 W / 400# NATURAL FORMATION PRESSURE = RETURN'S GAS & WATER
						SURGE # 2 - # 3 - # 4 HYDRAULIC W / 1 GAL OF FOAMER AHEAD OF SURGE, 1 BPM WATER, 1500 SCFM AIR, 6 BPH MIST, 1 GAL OF 450 FOAMER, 1/4 GAL OF CORROSION INHIBITOR PER 10 BBL'S OF FLUID = 1050# TO 1300# ON DP CHART & 1100# TO 1450# ON BACKSIDE, NO BREAKOVER POINT = RETURN'S TO SURFACE, ON SURGE # 2 CLEAR WATER & FOAM, ON SURGE # 3 SOME COLOR IN WATER, ON SURGE # 4 COLORED WATER SOME LIGHT COAL
	18:30 - 19:00	0.50	EVALFM	TRIP	COMPZN	RIH FROM 7" CSG & TAG @ 3538'
	19:00 - 19:30	0.50	EVALFM	SFTY	COMPZN	SAFETY MEETING @ START OF OPERATION'S
	19:30 - 06:00	10.50	EVALFM	OTHR	COMPZN	R&R C/O F/3538'-T/3655' W / 900 SCFM AIR, 6 BPH MIST, 1 GAL OF 450 FOAMER, 1/4 GAL OF CORROSION INHIBITOR PER 10 BBL'S OF FLUID, 330# ON CHART @ COMPRESSOR'S 7 230# ON GAGE @ RIG FLOOR, 65 TO 75 RPM'S, 1 TO 3 POINT'S OF BIT = RETURN'S TO SURFACE, LIGHT MED COAL & FINE'S W / 3 TO 5 BPH FORMATION WATER GAIN = 4 DOWN TO 1 BUCKET'S PER HOUR OFF SAMPLE CATCHER = 95% TO 100% COAL
						SAFETY MEETING @ START OF OPERATION'S = R&R C/O T/3655' W / 950 SCFM AIR, 6 BPH MIST, 1 GAL OF 450 FOAMER, 1/4 GAL OF CORROSION INHIBITOR PER 10 BBL'S OF FLUID, 330# ON CHART @ COMPRESSOR'S & 230# ON GAGE @ RIG FLOOR, 65 RPM'S, 1 TO 2 POINT'S OF BIT = RETURN'S TO SURFACE, LIGHT COAL & FINE'S W / 3 TO 5 BPH WATER GAIN = 1 BUCKET PER HOUR OFF SAMPLE CATCHER = 95% TO 100% COAL
						PUH INSIDE 7" CSG W / BHA
4/26/2004	06:00 - 07:30	1.50	EVALFM	OTHR	COMPZN	SURGE # 5 - # 6 - # 7 @ 1300# TO 1400# DP PRESSURE ON CHART @ COMPRESSOR'S W / BACKSIDE PRESSURE 1400# TO 1450# ON CHART @ COMPRESSOR'S = PUMPING HYDRAULIC SURGE'S W / 1 BPM WATER, 1500 SCFM AIR, 5 BPH MIST, 1 GAL OF 450 FOAMER, 1/4 GAL OF CORROSION INHIBITOR PER 10 BBL'S OF FLUID, CUTTING AIR OFF @ 1000# DROPPING DP PRESSURE & PUTTING AIR BACK ON @ 600#, THREE TIME THEN RELEASED SURGE = RETURN'S TO SURFACE ON SURGE # 5 CLEAR WATER & FOAM = ON SURGE # 6 COLORED WATER & FOAM W / LIGHT COAL & FINE'S = ON SURGE # 7 BLACK WATER & FOAM W / STEADY STREAM OF 1/8" TO 2" COAL & HEAVY FINE'S
	07:30 - 08:00	0.50	EVALFM	TRIP	COMPZN	RIH FROM 7" CSG & TAG @ 3486'
	08:00 - 13:30	5.50	EVALFM	OTHR	COMPZN	
	13:30 - 14:00	0.50	EVALFM	TRIP	COMPZN	

CONOCOPHILLIPS CO

Operations Summary Report

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Legal Well Name: SAN JUAN 32-8 UNIT 240A
 Common Well Name: SAN JUAN 32-8 UNIT 240A
 Event Name: COMPLETION
 Contractor Name: KEY ENERGY SVCS
 Rig Name: KEY 18

Spud Date: 4/2/2004
 Start: 3/30/2004 End: 5/15/2004
 Rig Release: 5/16/2004 Group:
 Rig Number: 18

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
4/26/2004	14:00 - 06:00	16.00	EVALFM	OTHR	COMPZN	R&R C/O F/3486'-T/3520' W / 900 SCFM AIR, 5 BPH MIST, 1 GAL OF 450 FOAMER, 1/4 GAL OF CORROSION INHIBITOR PER 10 BBL'S OF FLUID, 65 TO 75 RPM'S, 1 TO 4 POINT'S OF BIT, 330# DP PRESSURE ON CHART @ COMPRESSOR'S & 230# DP PRESSURE ON GAGE @ RIG FLOOR = RETURN'S TO SURFACE, HEAVY MED TO LIGHT MED COAL & FINE'S W / 3 TO 5 BPH WATER GAIN = 6 DOWN TO 3 BUCKET'S PER HOUR OFF SAMPLE CATCHER = 95% TO 100% COAL & FINE'S
4/27/2004	06:00 - 10:30	4.50	EVALFM	OTHR	COMPZN	SAFETY MEETING @ START OF OPERATION'S = R&R C/O T/3520' W / 950 SCFM AIR, 6 BPH MIST, 1 GAL OF 450 FOAMER, 1/4 GAL OF CORROSION INHIBITOR PER 10 BBL'S OF FLUID, 330# ON CHART @ COMPRESSOR'S & 230# ON GAGE @ RIG FLOOR, 65 RPM'S, 1 TO 2 POINT'S OF BIT = RETURN'S TO SURFACE, MED TO LIGHT COAL & FINE'S W / 3 TO 5 BPH WATER GAIN = 3 DOWN TO 1 BUCKET PER HOUR OFF SAMPLE CATCHER = 95% TO 100% COAL
	10:30 - 11:00	0.50	EVALFM	TRIP	COMPZN	PUH INSIDE 7" CSG W / BHA
	11:00 - 17:00	6.00	EVALFM	OTHR	COMPZN	SURGE # 8 - # 9 - # 10 @ 1300# TO 1400# DP PRESSURE ON CHART @ COMPRESSOR'S W / BACKSIDE PRESSURE 1050# TO 1400# ON CHART @ COMPRESSOR'S = PUMPING HYDRAULIC SURGE'S W / 1 BPM WATER, 1500 SCFM AIR, 5 BPH MIST, 1 GAL OF 450 FOAMER, 1/4 GAL OF CORROSION INHIBITOR PER 10 BBL'S OF FLUID, CUTTING AIR OFF @ 1000# DROPPING DP PRESSURE & PUTTING AIR BACK ON @ 600#, THREE TIME THEN RELEASED SURGE = RETURN'S TO SURFACE ON SURGE # 8 CLEAR WATER & FOAM = ON SURGE # 9 COLORED WATER & FOAM W / LIGHT COAL & FINE'S = ON SURGE # 10 BLACK WATER & FOAM W / STEADY STREAM OF 1/8" TO 2" COAL & HEAVY FINE'S
	17:00 - 17:30	0.50	EVALFM	TRIP	COMPZN	RIH FROM 7" CSG & TAG @ 3495'
	17:30 - 06:00	12.50	EVALFM	OTHR	COMPZN	SAFETY MEETING @ START OF OPERATION'S = R&R C/O F/3495'-T/3518' W / 900 SCFM AIR, 5 BPH MIST, 1 GAL OF 450 FOAMER, 1/4 GAL OF CORROSION INHIBITOR PER 10 BBL'S OF FLUID, 65 TO 75 RPM'S, 1 TO 4 POINT'S OF BIT, 330# DP PRESSURE ON CHART @ COMPRESSOR'S & 230# DP PRESSURE ON GAGE @ RIG FLOOR = RETURN'S TO SURFACE, HEAVY MED TO LIGHT COAL & FINE'S W / 3 TO 5 BPH WATER GAIN = 7 DOWN TO 2 BUCKET'S PER HOUR OFF SAMPLE CATCHER = 95% TO 100% COAL & FINE'S
4/28/2004	06:00 - 06:00	24.00	EVALFM	OTHR	COMPZN	SAFETY MEETING @ START OF OPERATION'S = R&R C/O F/3500'-3549' W / 900 SCFM AIR, 5 TO 6 BPH MIST, 1 GAL OF 450 FOAMER, 1/4 GAL OF CORROSION INHIBITOR PER 10 BBL'S OF FLUID PUMPED, 330# AP ON CHART @ COMPRESSOR'S & 230# DP PRESSURE ON GAGE @ RIG FLOOR, 65 TO 75 RPM', 1 TO 4 POINT'S ON BIT = RETURN'S TO SURFACE, HEAVY TO MED COAL & FINE'S W / 2 TO 3 BPH WATER GAIN = 8 DOWN TO 3 BUCKET'S PER HOUR OFF SAMPLE CATCHER = 95% TO 100% COAL & FINE'S
4/29/2004	06:00 - 06:00	24.00	EVALFM	OTHR	COMPZN	SAFETY MEETING @ START OF OPERATION'S = R&R C/O F/3549'-T/3611' W / 900 SCFM AIR, 5 TO 6 BPH MIST, 1 GAL OF 450 FOAMER, 1/4 GAL OF CORROSION INHIBITOR PER 10 BBL'S OF FLUID PUMPED, 330# AP ON CHART @ COMPRESSOR'S & 230# DP PRESSURE ON GAGE @ RIG FLOOR, 65 TO 75 RPM', 1 TO 4 POINT'S ON BIT = RETURN'S TO SURFACE, MED COAL & FINE'S

CONOCOPHILLIPS CO

Operations Summary Report

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Legal Well Name: SAN JUAN 32-8 UNIT 240A
 Common Well Name: SAN JUAN 32-8 UNIT 240A
 Event Name: COMPLETION
 Contractor Name: KEY ENERGY SVCS
 Rig Name: KEY 18

Spud Date: 4/2/2004
 Start: 3/30/2004
 End: 5/15/2004
 Rig Release: 5/16/2004
 Group:
 Rig Number: 18

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
4/29/2004	06:00 - 06:00	24.00	EVALFM	OTHR	COMPZN	W / 3 BPH WATER GAIN = 9 DOWN TO 3 BUCKET'S PER HOUR OFF SAMPLE CATCHER = 95% TO 100% COAL & FINE'S
4/30/2004	06:00 - 06:00	24.00	EVALFM	OTHR	COMPZN	SAFETY MEETING @ START OF OPERATION'S = R&R C/O F/3611'-T/3655' W / 900 SCFM AIR, 5 TO 6 BPH MIST, 1 GAL OF 450 FOAMER, 1/4 GAL OF CORROSION INHIBITOR PER 10 BBL'S OF FLUID PUMPED, 330# AP ON CHART @ COMPRESSOR'S & 230# DP PRESSURE ON GAGE @ RIG FLOOR, 65 TO 75 RPM', 1 TO 4 POINT'S ON BIT = RETURN'S TO SURFACE, MED COAL & FINE'S W / 2 TO 3 BPH WATER GAIN = 6 DOWN TO 2 BUCKET'S PER HOUR OFF SAMPLE CATCHER = 95% TO 100% COAL & FINE'S
5/1/2004	06:00 - 11:30	5.50	EVALFM	OTHR	COMPZN	SAFETY MEETING @ START OF OPERATION'S = R&R C/O T/3648' W / 950 SCFM AIR, 6 BPH MIST, 1 GAL OF 450 FOAMER, 1/4 GAL OF CORROSION INHIBITOR PER 10 BBL'S OF FLUID, 330# ON CHART @ COMPRESSOR'S & 230# ON GAGE @ RIG FLOOR, 65 RPM'S, 1 TO 2 POINT'S OF BIT = RETURN'S TO SURFACE, LIGHT COAL & FINE'S W / 3.5 BPH WATER GAIN = 2 DOWN TO 1 BUCKET PER HOUR OFF SAMPLE CATCHER = 95% TO 100% COAL
	11:30 - 12:00	0.50	EVALFM	TRIP	COMPZN	PUH INSIDE 7" CSG W / BHA
	12:00 - 13:00	1.00	EVALFM	PRDT	COMPZN	2" OPEN FLOW TEST W / PITOT TUBE TIME = MANIFOLD = PITOT = MCFD 15 MIN'S = 18# = 4.5# = 1304 30 MIN'S = 22# = 5.5# = 1454 45 MIN'S = 24# = 6.0# = 1520 1 HR = 24# = 6.0# = 1520
	13:00 - 15:00	2.00	EVALFM	SIPB	COMPZN	SHUT IN BUILD UP PRESSURE TEST TIME = PRESSURE ISIP = 32# 15 MIN'S = 165# 30 MIN'S = 240# 45 MIN'S = 285# 1 HR = 295# 1:15 MIN'S = 310# 1:30 MIN'S = 330# 1:45 MIN'S = 340# 2 HR'S = 350#
	15:00 - 21:30	6.50	EVALFM	OTHR	COMPZN	SURGE # 11 @ 350# NATURAL FORMATION PRESSURE, RETURN'S TO SURFACE, GAS & TRACE OF COAL DUST = SURGE # 12 - # 13 - # 14 @ 1300# TO 1400# DP PRESSURE ON CHART @ COMPRESSOR'S W / BACKSIDE PRESSURE 1050# TO 1400# ON GAGE @ RIG FLOOR = PUMPING HYDRAULIC SURGE'S W / 1 BPM WATER, 1500 SCFM AIR, 5 BPH MIST, 1 GAL OF 450 FOAMER, 1/4 GAL OF CORROSION INHIBITOR PER 10 BBL'S OF FLUID, CUTTING AIR OFF @ 1000# DROPPING DP PRESSURE & PUTTING AIR BACK ON @ 600#, THREE TIME'S THEN RELEASED SURGE = RETURN'S TO SURFACE ON SURGE # 12 CLEAR WATER & FOAM = ON SURGE # 13 COLORED WATER & FOAM W / LIGHT COAL & FINE'S = ON SURGE # 14 BLACK WATER & FOAM W / STEADY STREAM OF COAL & HEAVY FINE'S
	21:30 - 22:00	0.50	EVALFM	TRIP	COMPZN	RIH FROM 7" CSG & TAG @ 3480'
	22:00 - 06:00	8.00	EVALFM	OTHR	COMPZN	SAFETY MEETING @ START OF OPERATION'S = R&R C/O F/3480'-T/3503' W / 900 SCFM AIR, 5 BPH MIST, 1 GAL OF 450

CONOCOPHILLIPS CO
Operations Summary Report

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Legal Well Name: SAN JUAN 32-8 UNIT 240A
Common Well Name: SAN JUAN 32-8 UNIT 240A
Event Name: COMPLETION
Contractor Name: KEY ENERGY SVCS
Rig Name: KEY 18

Spud Date: 4/2/2004
Start: 3/30/2004
End: 5/15/2004
Rig Release: 5/16/2004
Group:
Rig Number: 18

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
5/1/2004	22:00 - 06:00	8.00	EVALFM	OTHR	COMPZN	FOAMER, 1/4 GAL OF CORROSION INHIBITOR PER 10 BBL'S OF FLUID, 65 TO 75 RPM'S, 1 TO 4 POINT'S OF BIT, 330# DP PRESSURE ON CHART @ COMPRESSOR'S & 230# DP PRESSURE ON GAGE @ RIG FLOOR = RETURN'S TO SURFACE, HEAVY TO MED COAL & FINE'S W / 3 TO 5 BPH WATER GAIN = 10 DOWN TO 4 BUCKET'S PER HOUR OFF SAMPLE CATCHER = 95% TO 100% COAL & FINE'S
5/2/2004	06:00 - 06:00	24.00	EVALFM	OTHR	COMPZN	SAFETY MEETING @ START OF OPERATION'S = R&R C/O F/3480'-T/3534' W / 900 SCFM AIR, 5 TO 6 BPH MIST, 1 GAL OF 450 FOAMER, 1/4 GAL OF CORROSION INHIBITOR PER 10 BBL'S OF FLUID PUMPED, 330# AP ON CHART @ COMPRESSOR'S & 230# DP PRESSURE ON GAGE @ RIG FLOOR, 65 TO 75 RPM', 1 TO 4 POINT'S ON BIT = RETURN'S TO SURFACE, HEAVY TO MED COAL & FINE'S W / 2 TO 3 BPH WATER GAIN = 8 DOWN TO 3 BUCKET'S PER HOUR OFF SAMPLE CATCHER = 95% TO 100% COAL & FINE'S
5/3/2004	06:00 - 06:00	24.00	EVALFM	OTHR	COMPZN	SAFETY MEETING @ START OF OPERATION'S = R&R C/O F/3480'-T/3549' W / 900 SCFM AIR, 5 TO 6 BPH MIST, 1 GAL OF 450 FOAMER, 1/4 GAL OF CORROSION INHIBITOR PER 10 BBL'S OF FLUID PUMPED, 300# AP ON CHART @ COMPRESSOR'S & 200# DP PRESSURE ON GAGE @ RIG FLOOR, 65 TO 75 RPM', 1 TO 4 POINT'S ON BIT = RETURN'S TO SURFACE, HEAVY TO MED COAL & FINE'S W / 2 TO 3 BPH WATER GAIN = 10 DOWN TO 2 BUCKET'S PER HOUR OFF SAMPLE CATCHER = 95% TO 100% COAL & FINE'S = ATTENTION HAD TO PUH TWO TIME'S TO 3480' BECAUSE OF HEAVY COAL SLOUGHING MAKING WELLBORE TIGHT
5/4/2004	06:00 - 06:00	24.00	EVALFM	OTHR	COMPZN	SAFETY MEETING @ START OF OPERATION'S = R&R C/O F/3480'-T/3549' W / 900 SCFM AIR, 5 TO 6 BPH MIST, 1 GAL OF 450 FOAMER, 1/4 GAL OF CORROSION INHIBITOR PER 10 BBL'S OF FLUID PUMPED, 300# AP ON CHART @ COMPRESSOR'S & 200# DP PRESSURE ON GAGE @ RIG FLOOR, 65 TO 75 RPM', 1 TO 4 POINT'S ON BIT = RETURN'S TO SURFACE, HEAVY TO MED COAL & FINE'S W / 3 BPH WATER GAIN = 8 DOWN TO 2 BUCKET'S PER HOUR OFF SAMPLE CATCHER = 95% TO 100% COAL & FINE'S = ATTENTION HAD TO PUH THREE TIME'S TO 3480' BECAUSE OF HEAVY COAL SLOUGHING MAKING WELLBORE TIGHT
5/5/2004	06:00 - 06:00	24.00	EVALFM	OTHR	COMPZN	SAFETY MEETING @ START OF OPERATION'S = R&R C/O F/3480'-T/3580' W / 900 SCFM AIR, 5 TO 6 BPH MIST, 1 GAL OF 450 FOAMER, 1/4 GAL OF CORROSION INHIBITOR PER 10 BBL'S OF FLUID PUMPED, 300# AP ON CHART @ COMPRESSOR'S & 200# DP PRESSURE ON GAGE @ RIG FLOOR, 65 TO 75 RPM', 1 TO 4 POINT'S ON BIT = RETURN'S TO SURFACE, HEAVY TO MED COAL & FINE'S W / 2 TO 3 BPH WATER GAIN = 9 DOWN TO 2 BUCKET'S PER HOUR OFF SAMPLE CATCHER = 95% TO 100% COAL & FINE'S = ATTENTION HAD TO PUH TWO TIME'S TO 3480' BECAUSE OF HEAVY COAL SLOUGHING MAKING WELLBORE TIGHT
5/6/2004	06:00 - 06:00	24.00	EVALFM	OTHR	COMPZN	SAFETY MEETING @ START OF OPERATION'S = R&R C/O F/3580'-T/3727' TD W / 900 SCFM AIR, 5 TO 6 BPH MIST, 1 GAL OF 450 FOAMER, 1/4 GAL OF CORROSION INHIBITOR PER 10 BBL'S OF FLUID PUMPED, 300# AP ON CHART @ COMPRESSOR'S & 200# DP

CONOCOPHILLIPS CO

Operations Summary Report

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Legal Well Name: SAN JUAN 32-8 UNIT 240A
 Common Well Name: SAN JUAN 32-8 UNIT 240A
 Event Name: COMPLETION
 Contractor Name: KEY ENERGY SVCS
 Rig Name: KEY 18

Spud Date: 4/2/2004
 Start: 3/30/2004
 Rig Release: 5/16/2004
 Rig Number: 18
 End: 5/15/2004
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
5/6/2004	06:00 - 06:00	24.00	EVALFM	OTHR	COMPZN	PRESSURE ON GAGE @ RIG FLOOR, 65 TO 75 RPM', 1 TO 4 POINT'S ON BIT = RETURN'S TO SURFACE, MED TO LIGHT COAL & FINE'S W / 3 TO 4 BPH WATER GAIN = 7 DOWN TO 1.5 BUCKET'S PER HOUR OFF SAMPLE CATCHER = 95% TO 100% COAL & FINE'S
5/7/2004	06:00 - 08:30	2.50	EVALFM	OTHR	COMPZN	SAFETY MEETING @ START OF OPERATION'S = R&R C/O T/3727' TD W / 900 SCFM AIR, 5 TO 6 BPH MIST, 1 GAL OF 450 FOAMER, 1/4 GAL OF CORROSION INHIBITOR PER 10 BBL'S OF FLUID PUMPED, 300# AP ON CHART @ COMPRESSOR'S & 200# DP PRESSURE ON GAGE @ RIG FLOOR, 65 RPM', 1 TO 2 POINT'S ON BIT = RETURN'S TO SURFACE, LIGHT COAL & FINE'S W / 3 TO 4 BPH WATER GAIN = 1.5 BUCKET'S PER HOUR OFF SAMPLE CATCHER = 95% TO 100% COAL & FINE'S
	08:30 - 09:00	0.50	EVALFM	TRIP	COMPZN	PUH INSIDE 7" CSG W / BHA
	09:00 - 10:00	1.00	EVALFM	PRDT	COMPZN	2" OPEN FLOW TEST W / PITOT TUBE TIME = MANIFOLD = PITOT = MCFD = WATER 15 MIN'S = 24# = 6.0# = 1520 = LIGHT MIST 30 MIN'S = 28# = 7.0# = 1644 = HEAVY MIST 45 MIN'S = 32# = 8.0# = 1756 = HEAVY MIST W / 1/8" TO 1/4" STREAM OF WATER & SURGING 1 HR = 32# = 8.0# = 1756 = HEAVY MIST W / 1/8" TO 1/4" STREAM OF WATER & SURGING
	10:00 - 12:00	2.00	EVALFM	SIPB	COMPZN	SHUT IN TO BUILD PRESSURE TIME = PRESSURE ISIP = 50# 15 MIN'S = 150# 30 MIN'S = 210# 45 MIN'S = 250# 1 HR = 275# 1:15 MIN'S = 290# 1:30 MIN'S = 300# 1:45 MIN'S = 310# 2 HR'S = 320#
	12:00 - 12:30	0.50	EVALFM	TRIP	COMPZN	RIH FROM 7" CSG & TAG @ 3511'
	12:30 - 06:00	17.50	EVALFM	OTHR	COMPZN	SAFETY MEETING @ START OF OPERATION'S = R&R C/O & CONDITION HOLE FOR LINER F/3511'-T/3727' TD W / 900 SCFM AIR, 6 BPH MIST, 3 GAL'S OF 450 FOAMER, 3 GAL'S OF POLYMER, 1/4 GAL OF CORROSION INHIBITOR PER 10 BBL'S OF FLUID PUMPED, 300# PRESSURE ON CHART @ COMPRESSOR'S & 200# ON DP PRESSURE @ RIG FLOOR, 65 TO 75 RPM'S, 1 TO 4 POINT'S ON BIT = RETURN'S TO SURFACE, MED TO LIGHT COAL & FINE'S W / 4 BPH WATER GAIN = 5 DOWN TO 1.5 BUCKET'S PER HOUR OFF SAMPLE CATCHER = 95% COAL & 5% SHALE
5/8/2004	06:00 - 11:30	5.50	EVALFM	OTHR	COMPZN	SAFETY MEETING @ START OF OPERATION'S = R&R C/O & CONDITION HOLE T/3727' TD W / 900 SCFM AIR, 6 BPH MIST, 3 GAL'S OF 450 FOAMER, 2 TO 3 GAL'S OF 744 POLYMER, 1/4 GAL OF CORROSION INHIBITOR PER 10 BBL'S OF FLUID, 300# ON CHART @ COMPRESSOR'S & 230# ON GAGE @ RIG FLOOR, 1 TO 3 POINT'S ON BIT, 65 RPM'S = RETURN'S TO SURFACE, LIGHT COAL & FINE'S W / 3 TO 4 BPH WATER GAIN = 2 DOWN TO 1

Operations Summary Report

Legal Well Name: SAN JUAN 32-8 UNIT 240A
 Common Well Name: SAN JUAN 32-8 UNIT 240A
 Event Name: COMPLETION
 Contractor Name: KEY ENERGY SVCS
 Rig Name: KEY 18

Spud Date: 4/2/2004
 Start: 3/30/2004
 End: 5/15/2004
 Rig Release: 5/16/2004
 Group:
 Rig Number: 18

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
5/8/2004	06:00 - 11:30	5.50	EVALFM	OTHR	COMPZN	BUCKET'S PER HOUR OFF SAMPLE CATCHER = 90% TO 95% COAL & FINE'S W / 10% TO 5% SHALE
	11:30 - 12:00	0.50	EVALFM	TRIP	COMPZN	PUH INSIDE 7" CSG W / BHA
	12:00 - 13:30	1.50	EVALFM	OWFF	COMPZN	FLOW WELL NATURAL OUT BLOOE LINE'S TO CHECK HOLE CONDITION'S
	13:30 - 14:00	0.50	EVALFM	TRIP	COMPZN	RIH FROM 7" CSG & TAG @ 3549'
	14:00 - 16:00	2.00	EVALFM	OTHR	COMPZN	R&R C/O & CONDITION HOLE F/3540'-T/3580' W / 900 SCFM AIR, 6 BPH MIST, 3 GAL'S OF 450 FOAMER, 2 GAL'S OF 744 POLYMER, 1/4 GAL OF CORROSION INHIBITOR PER 10 BBL'S OF FLUID, 330# ON CHART @ COMPRESSOR'S & 230# ON GAGE @ RIG FLOOR, 1 TO 3 POINT'S ON BIT, 65 TO 75 RPM'S = RETURN'S TO SURFACE, LIGHT TO HEAVY COAL W / 2 BPH WATER GAIN = 2 UP TO 8 BUCKET'S PER HOUR OFF SAMPLE CATCHER = 95% COAL & 5% SHALE = ATTENTION AIR PRESSURE GOING UP TO 500# & LOST CIRC W / WELLBORE GETTING TIGHT
	16:00 - 22:00	6.00	EVALFM	OTHR	COMPZN	SAFETY MEETING @ START OF OPERATION'S = WORKING TIGHT PIPE F/3580'-T/3540' = WELL SHUT IN TO EQUALIZE WELLBORE = ATTENTION DEVELOPING BAD TIGHT SPOT F/3545'-T/3560' W / BAD TIGHT SPOT F/3556'-58' = PIPE LOOSE RELEASE PRESSURE SLOWLY OFF BACKSIDE
	22:00 - 06:00	8.00	EVALFM	OTHR	COMPZN	R&R C/O & CONDITON HOLE F/3545'-T/3575' W / 950 TO 1000 SCFM AIR, 8 BPH MIST, 3 GAL'S OF 450 FOAMER, 3 GAL'S OF 744 POLYMER, 1/4 GAL OF CORROSION INHIBITOR PER 10 BBL'S OF FLUID, 300# ON CHART @ COMPRESSOR'S & 230# ON GAGE @ RIG FLOOR, 65 TO 75 RPM'S W / 1 TO 4 POINT'S ON BIT = RETURN'S TO SURFACE, MED TO LIGHT COAL & FINE'S W / 2 BPH WATER GAIN = 6 DOWN TO 2 BUCKET'S PER HOUR OFF SAMPLE CATCHER = 95% COAL & 5% SHALE = ATTENTION WORKING TIGHT SPOT'S F/3545'-60'
5/9/2004	06:00 - 07:30	1.50	EVALFM	OTHR	COMPZN	SAFETY MEETING @ START OF OPERATION'S = R&R C/O & CONDITION HOLE T/3575', WORKING TIGHT SPOT F/3545'-T/3560' W / 1000 SCFM AIR, 8 BPH MIST, 3 GAL'S OF 450 FOAMER, 3 GAL'S OF 744 POLYMER, 1/4 GAL OF CORROSION INHIBITOR, 330# ON CHART @ COMPRESSOR'S & 230# ON GAGE @ RIG FLOOR, 3 TO 4 POINT'S ON BIT, 75 RPM'S = RETURN'S TO SURFACE, LIGHT COAL & FINE'S W / SLOUGHING OF COAL TO MED = 1 UP TO 4 BUCKET'S PER HOUR OFF SAMPLE CATCHER = 95% COAL & 5% SHALE
	07:30 - 08:00	0.50	EVALFM	TRIP	COMPZN	PUH INSIDE 7" CSG W / BHA
	08:00 - 09:00	1.00	EVALFM	OWFF	COMPZN	FLOW WELL NATURAL OUT BLOOE LINE'S TO CHECK HOLE CONDITION'S
	09:00 - 09:30	0.50	EVALFM	TRIP	COMPZN	RIH FROM 7" CSG & TAG @ 3495'
	09:30 - 06:00	20.50	EVALFM	OTHR	COMPZN	SAFETY MEETING @ START OF OPERATION'S = R&R C/O & CONDITION HOLE FOR LINER F/3495'-T/3510' W / 950 SCFM AIR, 6 TO 8 BPH MIST, 4 GAL'S OF 450 FOAMER, 3 GAL'S OF 744 POLYMER, 1/4 GAL OF CORROSION INHIBITOR PER 10 BBL'S OF FLUID, 330# ON CHART @ COMPRESSOR'S & 250# ON GAGE @ RIG FLOOR, 3 TO 4 POINT'S ON BIT, 65 TO 75 RPM'S = RETURN'S TO SURFACE, VERY HEAVY TO MED COAL & FINE'S W / 3 BPH WATER GAIN = 14 DOWN TO 3 BUCKET'S PER HOUR OFF SAMPLE CATCHER = 95% COAL & 5% SHALE
5/10/2004	06:00 - 06:00	24.00	EVALFM	OTHR	COMPZN	R&R C/O & CONDITION HOLE F/3495'-T/3541' W / 900 SCFM TO 1500 SCFM AIR, 6 TO 8 BPH MIST, 3 TO 5 GAL'S OF 450 FOAMER, 3 TO 5

Operations Summary Report

Legal Well Name: SAN JUAN 32-8 UNIT 240A
 Common Well Name: SAN JUAN 32-8 UNIT 240A
 Event Name: COMPLETION
 Contractor Name: KEY ENERGY SVCS
 Rig Name: KEY 18

Spud Date: 4/2/2004
 Start: 3/30/2004
 End: 5/15/2004
 Rig Release: 5/16/2004
 Group:
 Rig Number: 18

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
5/10/2004	06:00 - 06:00	24.00	EVALFM	OTHR	COMPZN	GAL'S OF 744 POLYMER, 1/4 GAL OF CORROSION INHIBITOR PER 10 BBL'S OF FLUID PUMPED, 65 TO 75 RPM'S, 2 TO 5 POINT'S ON BIT, 300# TO 450# ON CHART @ COMPRESSOR'S & 200# TO 350# ON GAGE @ RIG FLOOR = RETURN'S TO SURFACE, HEAVY TO MED COAL & FINE'S W / 3 TO 5 BPH WATER GAIN = 10 DOWN TO 2 BUCKET'S PER HOUR OFF SAMPLE CATCHER = 95% TO 100% COAL
5/11/2004	06:00 - 06:00	24.00	EVALFM	OTHR	COMPZN	SAFETY MEETING @ START OF OPERATION'S = R&R C/O & CONDITION HOLE T/3727' TD W / 900 SCFM AIR, 6 TO 8 BPH MIST, 3 DOWN TO 1.5 GAL'S OF 450 FOAMER, 3 DOWN TO 1.5 GAL'S OF 744 POLYMER, 1/4 GAL OF CORROSION INHIBITOR PER 10 BBL'S OF FLUID PUMPED, 65 TO 75 RPM'S, 2 TO 5 POINT'S ON BIT, 300# TO 560# ON CHART @ COMPRESSOR'S & 200# TO 475# ON GAGE @ RIG FLOOR = RETURN'S TO SURFACE, HEAVY TO MED TO LIGHT COAL & FINE'S W / 3 TO 5 BPH WATER GAIN = 10 TO 6 TO 2 BUCKET'S PER HOUR OFF SAMPLE CATCHER = 95% TO 100% COAL
5/12/2004	06:00 - 09:00	3.00	EVALFM	OTHR	COMPZN	SAFETY MEETING @ START OF OPERATION'S = R&R C/O & CONDITION HOLE T/3727' TD W / 1500 SCFM AIR, 6 TO 8 BPH MIST, 1.5 GAL'S OF 450 FOAMER, 1.5 GAL'S OF 744 POLYMER, 1/4 GAL OF CORROSION INHIBITOR PER 10 BBL'S OF FLUID PUMPED, 65 TO 75 RPM'S, 2 TO 5 POINT'S ON BIT, 580# ON CHART @ COMPRESSOR'S & 475# ON GAGE @ RIG FLOOR = RETURN'S TO SURFACE, LIGHT COAL & FINE'S W / 3 TO 5 BPH WATER GAIN = 2 BUCKET'S PER HOUR OFF SAMPLE CATCHER = 95% TO 100% COAL
	09:00 - 09:30	0.50	EVALFM	TRIP	COMPZN	PUH INSIDE 7" CSG W / BHA
	09:30 - 10:30	1.00	EVALFM	OWFF	COMPZN	FLOW WELL NATURAL OUT BLOOE LINE'S TO CHECK HOLE CONDITION'S
	10:30 - 11:00	0.50	EVALFM	TRIP	COMPZN	RIH FROM 7" CSG & TAG @ 3510'
	11:00 - 06:00	19.00	EVALFM	TRIP	COMPZN	SAFETY MEETING @ START OF OPERATION'S = R&R C/O & CONDITION HOLE F/3510'-T/3727' TD W / 1500 SCFM AIR, 6 TO 8 BPH MIST, 2 GAL'S OF 450 FOAMER, 2 GAL'S OF POLYMER, 1/4 GAL'S OF CORROSION INHIBITOR PER 10 BBL'S OF FLUID PUMPED = ATTENTION C/O BRIDGE'S & FILL @ 3510'-17', 3543'-60', 3640'-52' & 30' OF FILL IN RAT HOLE = RETURN'S TO SURFACE, MED TO LIGHT COAL & FINE'S W / 3 TO 5 BPH WATER GAIN = 6 DOWN TO 1 BUCKET'S PER HOUR OFF SAMPLE CATCHER = 95% COAL & 5% SHALE
5/13/2004	06:00 - 07:30	1.50	EVALFM	TRIP	COMPZN	SAFETY MEETING @ START OF OPERATION'S = R&R C/O & CONDITION HOLE T/3727' TD W / 1500 SCFM AIR, 6 TO 8 BPH MIST, 2 GAL'S OF 450 FOAMER, 2 GAL'S OF POLYMER, 1/4 GAL'S OF CORROSION INHIBITOR PER 10 BBL'S OF FLUID PUMPED = RETURN'S TO SURFACE, LIGHT COAL & FINE'S W / 3 TO 5 BPH WATER GAIN = 1 DOWN TO 1/2 BUCKET'S PER HOUR OFF SAMPLE CATCHER = 95% COAL & 5% SHALE
	07:30 - 08:00	0.50	EVALFM	TRIP	COMPZN	PUH INSIDE 7" CSG W / BHA
	08:00 - 09:00	1.00	EVALFM	OWFF	COMPZN	FLOW WELL OUT BLOOE LINE'S TO CHECK HOLE CONDITION'S
	09:00 - 09:30	0.50	EVALFM	TRIP	COMPZN	RIH FROM 7" CSG & TAG FILL @ 3727' = GOOD CLEAN HOLE CONDITION'S, LITTLE TIGHT F/3543'-60'
	09:30 - 10:00	0.50	EVALFM	TRIP	COMPZN	PUH INSIDE 7" CSG W / BHA
	10:00 - 10:30	0.50	EVALFM	RURD	COMPZN	HANG BACK POWER SWIVEL & TIE BACK ON TWO LINE'S
	10:30 - 12:00	1.50	EVALFM	TRIP	COMPZN	COOH W / DP, DC'S & BHA

Operations Summary Report

Legal Well Name: SAN JUAN 32-8 UNIT 240A
 Common Well Name: SAN JUAN 32-8 UNIT 240A
 Event Name: COMPLETION
 Contractor Name: KEY ENERGY SVCS
 Rig Name: KEY 18

Start: 3/30/2004
 Rig Release: 5/16/2004
 Rig Number: 18
 Spud Date: 4/2/2004
 End: 5/15/2004
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
5/13/2004	12:00 - 13:00	1.00	CASING	RURD	COMPZN	RU 5 1/2" RAM'S & EQUIPMENT
	13:00 - 13:30	0.50	CASING	SFEQ	COMPZN	TEST 5 1/2" RAM'S TO 400# WELLBORE PRESSURE FOR 15 MIN'S = GOOD TEST
	13:30 - 16:00	2.50	CASING	TRIP	COMPZN	GIH PU 6 1/4" BIT, BIT SUB, 5 1/2" CSG, 5 1/2" H-LATCH DROP-OFF SET COLLAR & DP TO 3400'
	16:00 - 16:30	0.50	CASING	RURD	COMPZN	TIE BACK ON ONE LINE & PU POWER SWIVEL
	16:30 - 17:00	0.50	CASING	TRIP	COMPZN	WORKING LINER TO TD @ 3727' = LITTLE TIGHT F/3543'-60' BUT GOOD CLEAN WELLBORE TAG FILL @ 3726'
	17:00 - 17:30	0.50	CASING	OTHR	COMPZN	SET 6 1/4" BIT HARD INTO 1' OF FILL & RELEASED ON H-LATCH DROP-OFF COLLAR = 5 1/2" LINER SET AS FOLLOW'S 6 1/4" RERUN BIT SET @ 3727' PBDT @ 3725'
						TOP OF H-LATCH DROP-OFF COLLAR @ 3370' OVERLAP OF 7" CSG SHOE - 34'
						RAN 8 JT'S 352'.63" OF 5 1/2", J-55, 15.50# LT&C CSG T.I.W. H-LATCH DROP-OFF COLLAR
	17:30 - 18:30	1.00	CASING	PULD	COMPZN	RD POWER SWIVEL & RU RIG FLOOR TO LAY DOWN PIPE
	18:30 - 19:00	0.50	CASING	OTHR	COMPZN	SECURED WELL & LOCATION = S.D.O.N.
5/14/2004	07:00 - 07:30	0.50	RPEQPT	SFTY	COMPZN	SAFETY MEETING @ START OF OPERATION'S
	07:30 - 08:00	0.50	RPEQPT	OWFF	COMPZN	SERVICE EQUIPMENT & BLOW DOWN WELL = 380# ON CSG
	08:00 - 10:30	2.50	RPCOMP	PULD	COMPZN	COOH LAYING DOWN DP, DC'S & SETTING TOOL
	10:30 - 10:45	0.25	PERFOP	SFTY	COMPZN	SAFETY MEETING @ START OF OPERATION'S
	10:45 - 11:00	0.25	PERFOP	RURD	COMPZN	RU BLUE JET PERFORATING EQUIPMENT
	11:00 - 11:15	0.25	PERFOP	SFEQ	COMPZN	TEST LUBRICATOR TO 380# WELLBORE PRESSURE FOR 15 MIN'S = GOOD TEST
	11:15 - 12:15	1.00	PERFOP	PERF	COMPZN	RIH & PERFORATED 5 1/2" LINER W / 3 1/8" CSG GUN'S, 0.75" DIA HOLE'S, 4 SPF, 120 DEGREE PHASING AS FOLLOW'S = TAG DOWN ON FIRST GUN RUN @ 3714', PBDT @ 3725' = 4 GUN RUN'S 3634'-44' = 10 FT = 40 HOLE'S 3626'-30' = 4 FT = 16 HOLE'S 3602'-06' = 4 FT = 16 HOLE'S 3556'-62' = 6 FT = 24 HOLE'S 3552'-54' = 2 FT = 8 HOLE'S 3539'-49' = 10 FT = 40 HOLE'S 3524'-28' = 4 FT = 16 HOLE'S 3516'-22' = 6 FT = 24 HOLE'S 3508'-14' = 6 FT = 24 HOLE'S 3500'-05' = 5 FT = 20 HOLE'S 3490'-98' = 8 FT = 32 HOLE'S TOTAL = 65 FT = 260 HOLE'S
	12:15 - 12:30	0.25	PERFOP	RURD	COMPZN	RD BLUE JET PERFORATING EQUIPMENT
	12:30 - 13:30	1.00	RPCOMP	RURD	COMPZN	RU 2 3/8" RAM'S & EQUIPMENT FINAL FLOW TEST 2" OPEN FLOW TEST W / PITOT TUBE TIME = MANIFOLD = PITOT = MCFD = WATER 1 HR = 100# = 25# = 3311 = STABILIZED
						TEST, VERY HEAVY MIST W / 1/4" STREAM OF WATER
	13:30 - 14:00	0.50	RPCOMP	PRTS	COMPZN	TEST 2 3/8" RAM'S = 200# 3 MIN'S & 1800# 10 MIN'S = GOOD TEST
	14:00 - 14:15	0.25	RPCOMP	SFTY	COMPZN	SAFETY MEETING @ START OF OPERATION'S
	14:15 - 16:30	2.25	RPCOMP	RCST	COMPZN	GIH PU 2 3/8" SAW TOOTH COLLAR & FLOAT, 2 3/8" TUBING OFF PIPE RACK TAG @ 3714'

Operations Summary Report

Legal Well Name: SAN JUAN 32-8 UNIT 240A
 Common Well Name: SAN JUAN 32-8 UNIT 240A
 Event Name: COMPLETION
 Contractor Name: KEY ENERGY SVCS
 Rig Name: KEY 18

Start: 3/30/2004
 Rig Release: 5/16/2004
 Rig Number: 18
 Spud Date: 4/2/2004
 End: 5/15/2004
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
5/14/2004	16:30 - 18:00	1.50	WELLPR	CIRC	COMPZN	C/O 5 1/2" LINER F/3714'-T/3725' PBTD W / AIR ASSIST
	18:00 - 18:30	0.50	WELLPR	TRIP	COMPZN	PUH ABOVE H-LATCH COLLAR @ 3370'
	18:30 - 19:00	0.50	WELLPR	OTHR	COMPZN	SECURED WELL & LOCATION = S.D.O.N.
5/15/2004	07:00 - 07:15	0.25	RPCOMP	SFTY	COMPZN	SAFETY MEETING @ START OF OPERATION'S
	07:15 - 07:45	0.50	RPCOMP	Opnw	COMPZN	SERVICE RIG & BLOW DOWN WELL HAD 400# ON CSG
	07:45 - 08:00	0.25	RPCOMP	TRIP	COMPZN	RIH FROM TOP OF LINER & TAG @ 3722' = 3' OF FILL
	08:00 - 09:00	1.00	RPCOMP	FCO	COMPZN	CIRC LINER CLEAN TO PBTD @ 3725' W / AIR ASSIST
	09:00 - 10:00	1.00	RPCOMP	TRIP	COMPZN	COOH W / TUBING & BHA
	10:00 - 10:15	0.25	RPCOMP	OTHR	COMPZN	C/O TO PUMPING WELL BHA
	10:15 - 11:00	0.75	RPCOMP	TRIP	COMPZN	RIH W / 2 3/8" TUBING & BHA
	11:00 - 11:30	0.50	RPCOMP	OTHR	COMPZN	LAND TUBING HANGER W / 2 3/8" PRODUCTION TUBING SET AS FOLLOW'S
						BOTTOM 2 7/8" ORANGED PEELED MUD ANCHOR
						E.O.T. SET @ 3713'.82"
						2 3/8" INLINE CHECK SET @ 3681'.11"
5/16/2004						2 3/8" F.N. 1.78" SET @ 3680'.40"
						2 3/8" TUBING 112 JT'S SET @ 3679'.56"
						1-6', 1-8', 1-10' 2 3/8" SUB'S UNDER TOP JT UNDER HANGER
						TOTAL OF 112 JT'S OF 2 3/8" EUE 8RD J-55 4.7# TUBING IN WELL
						PLUS ONE JT OF 2 7/8" EUE 8RD J-55 6.5# ORANGED PEELED
						BOTTOM W / PERFORATED SLOT'S CUT DOWN ONE FOOT FROM
						UPSET @ TOP OF JOINT
	11:30 - 15:00	3.50	RPCOMP	NUND	COMPZN	ND BOP'S, HCR VALVE'S, CHOKE MANIFOLD = NU B-1 PUMPING UNIT WELLHEAD = RU ROD EQUIPMENT
	15:00 - 17:00	2.00	RPCOMP	PULD	COMPZN	GIH PU PUMP & 3/4" ROD'S
	17:00 - 17:45	0.75	RPCOMP	HOSO	COMPZN	SPACE OUT AS FOLLOW'S
						1' GAS ANCHOR, ENERGY PUMP & SUPPLY H.F. 2" X 1 1/2" X 12' RWAC-Z PUMP NO # COPC-109, 1-4' 3/4" PLAIN PONY ROD ON TOP OF PUMP, 146 3/4" PLAIN ROD'S = SPACED OUT W / 1-4', 1-6', 1-8' 3/4" PONY ROD'S & 22' POLISH ROD
5/16/2004	17:45 - 18:30	0.75	RPCOMP	PRTS	COMPZN	TEST TUBING & PUMP TO 500# FOR 15 MIN'S = GOOD TEST = BLED OFF PRESSURE = STROKED PUMP W / RIG BLOCK'S TO 500# HELD FOR 15 MIN'S = GOOD TEST = BLED OFF PRESSURE = CLAMPED OFF ROD'S ON STUFFIN BOX
	18:30 - 19:00	0.50	RPCOMP	OTHR	COMPZN	SECURED WELL & LOCATION = S.D.O.N.
	07:00 - 07:30	0.50	MOVE	SFTY	DEMOB	SAFETY MEETING @ START OF OPERATION'S
	07:30 - 14:30	7.00	MOVE	DMOB	DEMOB	RD RIG & EQUIPMENT
	14:30 - 15:00	0.50	MOVE	DMOB	DEMOB	SECURED WELL & LOCATION = RELEASE RIG & EQUIPMENT ON 05 / 15 / 2004 @ 15:00 PM = MOVING OFF LOCATION ON 05 / 17 / 2004 = RELEASE WELL TO PRODUCTION DEPT.