

<div>Submit To Appropriate District Office</div> <div>State Lease - 6 copies</div> <div>Fee Lease - 5 copies</div> <div>District I</div> <div>1625 N. French Dr., Hobbs, NM 88240</div> <div>District II</div> <div>1301 W. Grand Avenue, Artesia, NM 88210</div> <div>District III</div> <div>1000 Rio Brazos Rd., Aztec, NM 87410</div> <div>District IV</div> <div>1220 S. St. Francis Dr., Santa Fe, NM 87505</div>		<div>State of New Mexico</div> <div>Energy, Minerals and Natural Resources</div> <div>Oil Conservation Division</div> <div>1220 South St. Francis Dr.</div> <div>Santa Fe, NM 87505</div>		<div>Form C-105</div> <div>Revised June 10, 2003</div> <div>WELL API NO.</div> <div>30-045-32154</div> <div>5. Indicate Type of Lease</div> <div>STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/></div> <div>State Oil &amp; Gas Lease No. B-11240</div>	
<div>WELL COMPLETION OR RECOMPLETION REPORT AND LOG</div>					
<div>1a. Type of Well:</div> <div>OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> OTHER <input type="checkbox"/></div> <div>b. Type of Completion:</div> <div>NEW <input checked="" type="checkbox"/> WORK <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG <input type="checkbox"/> DIFF. <input type="checkbox"/></div> <div>WELL OVER BACK RESVR. <input type="checkbox"/> OTHER <input type="checkbox"/></div>				<div>7. Lease Name or Unit Agreement Name</div> <div>FC State Com</div>	
<div>2. Name of Operator</div> <div>ConocoPhillips Co.</div>				<div>8. Well No.</div> <div>21A</div>	
<div>3. Address of Operator</div> <div>P.O. Box 2197, WL3-6054, Houston, Tx. 77252</div>				<div>9. Pool name or Wildcat</div> <div>Basin Fruitland Coal</div>	
<div>4. Well Location</div> <div>Unit Letter O : 830 Feet From The South Line and 2170 Feet From The East</div> <div>Section 2 Township 30N Range 8W NMPM San Juan County</div>					
<div>10. Date Spudded</div> <div>04/18/2004</div>		<div>11. Date T.D. Reached</div> <div>05/13/2004</div>		<div>12. Date Compl. (Ready to Prod.)</div> <div>05/14/2004</div>	
<div>13. Elevations (DF&amp; RKB, RT, GR, etc.)</div> <div>6205 GL</div>		<div>14. Elev. Casinghead</div>			
<div>15. Total Depth</div> <div>3180</div>		<div>16. Plug Back T.D.</div> <div>3174</div>		<div>17. If Multiple Compl. How Many Zones?</div>	
<div>18. Intervals Drilled By</div> <div>X</div>		<div>Rotary Tools</div>		<div>Cable Tools</div>	
<div>19. Producing Interval(s), of this completion - Top, Bottom, Name</div> <div>Basin Fruitland Coal 2934' to 3097'</div>				<div>20. Was Directional Survey Made</div> <div>No</div>	
<div>21. Type Electric and Other Logs Run</div> <div>None</div>				<div>22. Was Well Cored</div> <div>No</div>	
<div>23. CASING RECORD (Report all strings set in well)</div>					
<div>CASING SIZE</div>		<div>WEIGHT LB./FT.</div>		<div>DEPTH SET</div>	
<div>9.625 H-40</div>		<div>32.3</div>		<div>234</div>	
<div>7 J-55</div>		<div>20</div>		<div>2881</div>	
<div>12.25</div>		<div>8.75</div>		<div>150 4 1/2 G</div>	
<div>470 G</div>		<div>AMOUNT PULLED</div>			
<div>24. LINER RECORD</div>					
<div>SIZE</div>		<div>TOP</div>		<div>BOTTOM</div>	
<div>5.5</div>		<div>2868</div>		<div>3175</div>	
<div>SACKS CEMENT</div>		<div>SCREEN</div>			
<div>25. TUBING RECORD</div>					
<div>SIZE</div>		<div>DEPTH SET</div>		<div>PACKER SET</div>	
<div>2.375</div>		<div>3130</div>			
<div>26. Perforation record (interval, size, and number)</div> <div>2934' to 3097' .75 diameter for a total of 212 holes.</div>					
<div>27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.</div>					
<div>DEPTH INTERVAL</div>		<div>AMOUNT AND KIND MATERIAL USED</div>			
<div>2883 to 3180</div>		<div>Underreamed 6.25 hole to 9.5</div>			
<div>2934 to 3097</div>		<div>Surged Well Naturally for approximately 4 days.</div>			
<div>28. PRODUCTION</div>					
<div>Date First Production</div> <div>05/14/2004</div>		<div>Production Method (Flowing, gas lift, pumping - Size and type pump)</div> <div>Pumping Unit</div>			<div>Well Status (Prod. or Shut-in)</div> <div>Shut In</div>
<div>Date of Test</div> <div>05/11/2004</div>	<div>Hours Tested</div> <div>1</div>	<div>Choke Size</div> <div>1/2</div>	<div>Prod'n For Test Period</div>	<div>Oil - Bbl</div> <div>0</div>	<div>Gas - MCF</div> <div>62</div>
<div>Flow Tubing Press.</div>		<div>Casing Pressure</div> <div>92</div>	<div>Calculated 24-Hour Rate</div>	<div>Oil - Bbl.</div> <div>0</div>	<div>Gas - MCF</div> <div>1487</div>
<div>Water - Bbl.</div> <div>0</div>		<div>Oil Gravity - API - (Corr.)</div>			
<div>29. Disposition of Gas (Sold, used for fuel, vented, etc.)</div> <div>Vented</div>					<div>Test Witnessed By</div>
<div>30. List Attachments</div> <div>Well Schematic and Daily Summary</div>					
<div>31. I hereby certify that the information shown on both sides of this form as true and complete to the best of my knowledge and belief</div>					
<div>Signature</div> <div>Christina Gustartis</div>		<div>Printed Name</div> <div>Christina Gustartis</div>		<div>Title</div> <div>As Agent for ConocoPhillips C</div>	
<div>E-mail Address</div> <div>christina.gustartis@conocophillips.com</div>		<div>Date</div> <div>06/14/2004</div>			

## INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy	T. Canyon	T. Ojo Alamo 1904	T. Penn "B"
T. Salt	T. Strawn	T. Kirtland-Fruitland 2054	T. Penn. "C"
B. Salt	T. Atoka	T. Pictured Cliffs 3128	T. Penn. "D"
T. Yates	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers	T. Devonian	T. Menefee	T. Madison
T. Queen	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg	T. Montoya	T. Mancos	T. McCracken
T. San Andres	T. Simpson	T. Gallup	T. Ignacio Otzte
T. Glorieta	T. McKee	Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	T.
T. Blinebry	T. Gr. Wash	T. Morrison	T.
T. Tubb	T. Delaware Sand	T. Todilto	T.
T. Drinkard	T. Bone Springs	T. Entrada	T.
T. Abo	T.	T. Wingate	T.
T. Wolfcamp	T.	T. Chinle	T.
T. Penn	T.	T. Permian	T.
T. Cisco (Bough C)	T.	T. Penn "A"	T.

## OIL OR GAS SANDS OR ZONES

No. 1, from.....to..... No. 3, from.....to.....  
No. 2, from.....to..... No. 4, from.....to.....

## IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.....  
 No. 2, from.....to.....feet.....  
 No. 3, from.....to.....feet.....

**LITHOLOGY RECORD** (Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology

(Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology

**END OF WELL SCHEMATIC**Well Name: FC State Com 21AAPI #: 30-045-32154Location: 830' FSL & 2170' FELSect 2 - T30N - R8WSan Juan County, NMElevation: 6205' GL (above MSL)Dri Rig RKB: 13' above Ground LevelDatum: Dri Rig RKB = 13' above GLSpud: 18-Apr-04Release Dri Rig: 22-Apr-04Move In Cav Rig: 5-May-04Release Cav Rig: 13-May-04

Note - this well is equipped with rods &amp; pump

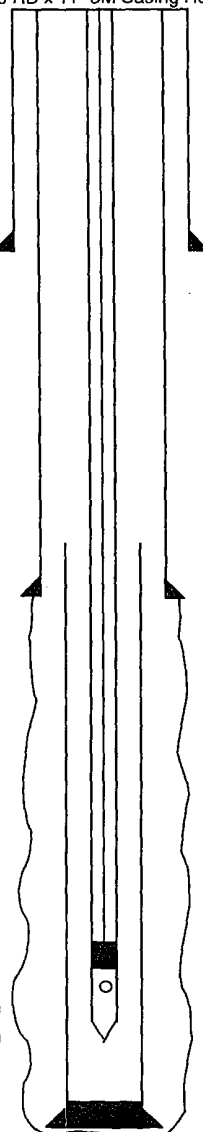
7-1/16" 3M x 2-3/8" EUE 8rd Bonnet11" 3M x 7-1/16" 3M Tubing Head9-5/8" 8 RD x 11" 3M Casing Head**Surface Casing**Date set: 19-Apr-04Size 9 5/8 inSet at 234 ft # Jnts: 5Wt. 32.3 ppf Grade H-40Hole Size 12 1/4 in Conn STCExcess Cmt 125 %T.O.C. SURFACECsg Shoe 234 ftTD of 12-1/4" hole 245 ftNotified BLM @ Not Req'd hrs on Not Req'dNotified NMOCD @ 17:35 hrs on 17-Apr-04**Intermediate Casing**Date set: 21-Apr-04Size 7 in 67 jtsSet at 2881 ft pupsWt. 20 ppf Grade J-55Hole Size 8 3/4 in Conn STCExcess Cmt 160 % Top of Float Collar 2843 ftT.O.C. SURFACE Bottom of Casing Shoe 2881 ftPup @ ft TD of 8-3/4" Hole 2884 ftPup @ ftNotified BLM @ Not Req'd hrs on Not Req'dNotified NMOCD @ hrs on hrs**Production Liner**Date set: 11-May-04Size 5 1/2 inNominal Wt. 15.5 ppfGrade J-55 Connections: LTC# Jnts: 7Hole Size 6.25 / 9.5 inches

Underreamed 6-1/4" hole to 9.5" from 2883' to 3180'

Top of Liner 2868 ftPBTd 3174 ftBottom of Liner 3175 ft

Note: Liner shoe is set in fill 5 ft off bottom

This well was NOT cavitated.

☒ New  
☐ Used☒ New  
☐ Used☒ New  
☐ UsedTD 3,180 ft**Surface Cement**Date cmt'd: 19-Apr-04Lead : 150 sx Class G Cement+ 2% BWOC S001 Calcium Chloride+ 0.25 lb/sx D029 Cellophane Flakes1.16 cuft/sx, 174 cuft slurry at 15.8 ppgDisplacement: 15.3 bbls fresh wtrBumped Plug at: 11:00 hrs w/ 400 psiFinal Circ Press: 60 psi @ 0.6 bpmReturns during job: YESCMT Returns to surface: 14 bblsFloats Held: No floats usedW.O.C. for 3.5 hrs (plug bump to start NU BOP)W.O.C. for 8.0 hrs (plug bump to test csg)**Intermediate Cement**Date cmt'd: 21-Apr-04Lead : 370 sx Class G Cement+ 3% D079 Extender+ 0.25 lb/sx D029 Cellophane Flakes+ 0.2% D046 Antifoam+ 0.05 gal/sx D047 Antifoam2.61cuft/sx, 956.7 cuft slurry at 11.7 ppgTail : 100 sx 50/50 POZ : Class G cement+ 2% D020 Bentonite+ 2% S001 Calcium Chloride+ 5 lb/sx D024 Gilsomite+ 0.25 lb/sx D029 Cellophane Flakes+ 0.1% D046 Antifoam1.27 cuft/sx, 127 cuft slurry at 13.5 ppgDisplacement: 115.4 bblsBumped Plug at: 18:09 hrs w/ 1500 psiFinal Circ Press: 640 psi at 2 bpmReturns during job: YESCMT Returns to surface: 40 bblsFloats Held: X Yes \_\_\_ No**UNCEMENTED LINER**

Schematic prepared by:

Steven O. Moore, Drilling Engineer

26-May-2004

**COMMENTS:**

9-5/8" Surf:	No float equipment was run. Ran a guide shoe and an aluminum baffle plate 1 ft above the guide shoe. Displaced top wiper plug with water. Shut in casing head and WOC before backing out landing jt. CENTRALIZERS @ 224', 146', 103' & 59'	Total:	4
7" Intermediate	DISPLACED W/20 BBLs. FRESH WATER & 95.4 BBLs. 8.4 PPG SLIGHTLY POLYMERIZED DRILL WATER CENTRALIZERS @ 2871', 2800', 2714', 2627', 2540', 2453', 212', 81' & 37'. TURBOLIZERS @ 2067', 2023', 1980', 1936' & 1896'	Total:	9
5.5" Liner	Ran bladed shoe with float valve on bottom of liner. Ran and set the liner w/ TIW H-Latch Drop Off Tool (no liner hanger).	Total:	5
Perforations	Perforated 5-1/2" liner with guns on E-line at 4 spf, 0.75" diameter, 120 degree phased holes Perf. Intervals: 2934'-2939', 2943'-2950', 2952'-2955', 2989'-2991', 3012'-3022', 3025'-3028', 3068'-3078', 3081'-3088', 3091'-3097'. Total 212 holes		
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 XO collar 2-3/8" OD (1.78" ID) F-Nipple, 2 ea pup jts, and 98 jts 2-3/8" 4.7# J-55 EUE 8rd tubing Bottom of Mud Anchor at 3163'. Top of F-Nipple at 3130' MD RKB.		
Pump & Rods	12" long strainer attached below 2" x 1-1/2" x 12' RWAC-Z insert pump, 1 ea 4' x 3/4" pony rod on top of pump, 124 each 3/4" rods, spaced out with 1 ea 8' and 1 ea 4' x 3/4" OD pony rods & 1 ea 1-1/4" OD x 22' polished rod Set pump in F-Nipple at 3130' MD RKB		

# CONOCOPHILLIPS CO

## Operations Summary Report

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Legal Well Name: FC STATE COM 21A  
 Common Well Name: FC STATE COM 21A  
 Event Name: COMPLETION  
 Contractor Name: KEY ENERGY SVCS  
 Rig Name: KEY ENERGY

Start: 3/30/2004      Spud Date: 4/18/2004  
 Rig Release:          End:  
 Rig Number: 22        Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
5/6/2004	10:00 - 13:00	3.00	MOVE	MOB	COMPZN	SAFETY MEETING PRIOR TO STARTING OPERATIONS- MI KEY 22 & SPOT AUXILIARY EQUIPMENT-
	13:00 - 14:30	1.50	WELCTL	NUND	COMPZN	SI 7" INTERMEDIATE CSG -0- PSIG-NU BOPE- NOTIFIED NMOCD @ 14:30, 5-05-2004 OF PENDING CSG INTEGRITY TEST.
	14:30 - 17:00	2.50	MOVE	RURD	COMPZN	RU AUXILIARY EQUIPMENT.
5/7/2004	17:00 - 17:15	0.25	WELLPR	OPNW	COMPZN	SDON.
	07:00 - 12:00	5.00	WELLPR	RURD	COMPZN	SAFETY MEETING PRIOR TO STARTING OPERATIONS- RU AUXILIARY EQUIPMENT-
	12:00 - 13:00	1.00	WELCTL	BOPE	COMPZN	SI 7" INTERMEDIATE CSG -0- PSIG-NU BOPE- NOTIFIED NMOCD @ 14:30, 5-05-2004 OF PENDING CSG INTEGRITY TEST.
5/8/2004						PT BLIND RAMS / 7" CASING / CHOKE MANIFOLD T/200 PSIG-3MIN. PERFORM CASING INTEGRITY / BLIND RAMS TEST T/ 1800 PSIG-30MIN.
	13:00 - 15:00	2.00	WELLPR	SFTY	COMPZN	RIG INSPECTION AND CORRECTED ITEMS.
	15:00 - 17:00	2.00	RPCOMP	PULD	COMPZN	SLIP, CALIPER, TALLY 3-1/2" DC'S- SLIP AND TALLY 2-7/8" DRILL PIPE-
						MU 6-1/4" RR STX-30 TRI-CONE INSERT BIT (SN:X03JC) 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 375., W/ 2-3/8"IF X 2-7/8" AOH X-O SUB, W/ 1- JOINT 2-7/8" AOH DRILL PIPE.
	17:00 - 17:15	0.25	WELLPR	OTHR	COMPZN	SDON.
	07:00 - 10:00	3.00	RPCOMP	PULD	PROD1	SAFETY MEETING PRIOR TO STARTING OPERATIONS- SICP 7" -0- PSIG.
						GIH W/ BHA F/410' PICKING UP 79 JTS 2-7/8" AOH DRILL PIPE W/ 1.875" ID "F" NIPPLE RUN 1-JT ABOVE DRILL COLLARS T/2835' TOC.
	10:00 - 11:00	1.00	WELLPR	CIRC	PROD1	RIG UP POWER SWIVEL.
	11:00 - 13:15	2.25	WELCTL	BOPE	PROD1	CIRCULATE 2-7/8" DRILL PIPE & 7" CASING W/ CLEAN PRODUCED Kfc WATER.
						PT #2 PIPE RAMS CHOKE MANIFOLD / 7" CASING T/250 PSIG -3 MIN & 1850 PSIG -10MIN (OK) PT #1 PIPE RAMS & HCR VALVES T/250 PSIG-3MIN & 1825 PSIG-10MIN (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/1500 PSIG (OK).
	13:15 - 15:00	1.75	WELLPR	CIRC	PROD1	BREAK CIRCULATION & UNLOAD WELLBORE W/ 2.2 MMSCFD AIR & 6 BPH MIST CONTAINING 1 GAL F-450 FOAMER & 1/4 GAL CORROSION INHIBITOR / 10 BBLs PRODUCED Kfc WATER@ 500 PSIG-
	15:00 - 20:30	5.50	DRILL	DRLG	PROD1	DRILLOUT CEMENT / FC @2843'KB / CEMENT / GS @ 2880'KB / CEMENT T/ 2884'KB, 8-3/4" TD.
						SAFETY MEETING PRIOR TO STARTING OPERATIONS- DRILLING 6-1/4" OPEN HOLE SECTION F/2884 - T/ 3180'KB,PBTD- W/ 1500 MMSCFD AIR & 6-8 BPH MIST W/ ABOVE CHEMICAL CONCENTRATIONS @ 500 PSIG TO MAINTAIN CIRCULATION- W/ 6K WOB @ 70-80 RPM'S @ 1100 FT-LBS OF TORQUE- COAL INTERVALS      NET FEET OF COAL      BGG      MAX GAS UNITS 2898-2901'                      (3')                      0                      0 2935-2955'                      (20')                      422                      150

# CONOCOPHILLIPS CO

## Operations Summary Report

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Legal Well Name: FC STATE COM 21A  
Common Well Name: FC STATE COM 21A  
Event Name: COMPLETION  
Contractor Name: KEY ENERGY SVCS  
Rig Name: KEY ENERGY

Start: 3/30/2004  
Rig Release: End:  
Rig Number: 22 Group: Spud Date: 4/18/2004

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
5/8/2004	15:00 - 20:30	5.50	DRILL	DRLG	PROD1	2989-2990' (1') NO GAS DATA WATER IN LINE 3013-3023' (10') 550 550 3025-3028' (3') 602 600 3069-3079' (10') 600 720 3082-3084' (2') 720 720 3085-3097' (12') 662 600 3012-3013' (1') 575 575  TOTAL NET FEET OF COAL 62'. UPPER COALS WERE MOSTLY SEMI-BRIGHT INTERMEDIATE SATIN (60%)- MICRO-BANDED W/ BRIGHT BLACK VITREOUS COAL- W/ VERY GOOD CLEATING AND ABUNDANT INTERSECTING FACE CLEATS- RARE SMOKY QUARTZ SUGGESTING SOME OPEN FRACTURES.  MIDDLE COALS: VARIES FROM SEMI-BRIGHT INTERMEDIATE (50%) TO FLAT BLACK (35%) W/ MINOR BRIGHT BLACK COAL (15%) SEEN AS STREAKS AND VERY THIN MICRO-LAMINA, FAIR CLEATING, W/ OCCASIONAL INTERSECTING CLEAT FACES- SECONDARY MINERALIZATION CONSISTS OF TRACE CALCITE FILLED MICRO-FRACTURES.  LOWER COALS: CONSISTS OF TWO TYPES-FLAT / DULL BLACK (40%) AND SEMI-BRIGHT INTERMEDIATE SATIN (40%) MICRO-BANDS AND STREAKS OF BRIGHT BLACK COAL (20%); DULL COAL IS MASSIVE W/ OCASSIONAL RARE STREAKS OF BRIGHTER COAL, OCASSIONALLY MICRO-GRANULAR TEXTURE, OVERALL FAIR CLEATING W/ OCCASIONAL INTERSECTING FACE CLEATS, OCCASIONAL SMOKY QUARTZ CRYSTALS SUGGESTING OPEN FRACTURES.  PICTURED CLIFF NO SHOW TOP @ 3125'KB. NO NOTICEABLE BACKGROUND GAS INCREASE.
	20:30 - 01:00	4.50	DRILL	CIRC	PROD1	R&R @ 3180'TD, PBTD W/ 1500 SCFM & 6 BBL / HR MIST RATE W/ ABOVE CHEMICALS @ 500 PSIG.
	01:00 - 03:00	2.00	DRILL	CIRC	COMPZN	DRY UP WELLBORE PRIOR TO FLOW TEST W/ 1500 SCFM AIR- FINE MIST NO NOTICEABLE WATER RATE.
	03:00 - 03:45	0.75	RPCOMP	TRIP	COMPZN	PULL UP INTO 7" CASING @ 2869'KB.
	03:45 - 05:00	1.25	FLOWT	PRDT	COMPZN	FLOW TEST THRU 2"
						TIME CHOK MANIFOLD #S PITOT #S MSCFD / CONSISTENCY
						15MIN 22 5.50 1454 / DRY
						30MIN 22 5.50 1454 / DRY
						45MIN 22 5.50 1454 / DRY
						60MIN 21.5 5.18 1394 / DRY
5/9/2004	05:00 - 06:00	1.00	EVALFM	SIPB	COMPZN	SIPBU ISIP 15MIN 30MIN 45MIN 60MIN 40# 106# 105# 104# 104#
	06:00 - 07:00	1.00	EVALFM	SIPB	COMPZN	SAFETY MEETING PRIOR TO STARTING OPERATIONS- NATURAL SURGE #1 W/ 104# @ 7" SHOE- CIRCULATE AFTER SURGE W/ 1500 CFM W/ 6 BPH MIST-

**CONOCOPHILLIPS CO**  
**Operations Summary Report**

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Legal Well Name: FC STATE COM 21A  
Common Well Name: FC STATE COM 21A  
Event Name: COMPLETION  
Contractor Name: KEY ENERGY SVCS  
Rig Name: KEY ENERGY

Start: 3/30/2004  
Rig Release:  
Rig Number: 22  
Spud Date: 4/18/2004  
End:  
Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
5/9/2004	06:00 - 07:00	1.00	EVALFM	SIPB	COMPZN	RETURNS: LARGE DIAMETER CHUNKS TO SURFACE THAT BYPASSED MUD LOGGER SAMPLER VALVE TO SURGE TANK.
	07:00 - 15:30	8.50	RPCOMP	TRIP	COMPZN	SHORT TRIP F/ 2869 - T/3180'KB, NO FILL AFTER SURGE #1- PULL UP INTO 7" @2869'KB- RD POWER SWIVEL- REVIEW DERRICK RESCUE AND FALL PROTECTION- COOH W/ 6-1/4" DRLG ASSEMBLY ( CHANGED OUT AIR THROTTLE DURING TRIP OUT)- MU 5-7/8" X 9.5" BAKER OIL TOOLS UNDER-REAMER W/ (ROLLER CUTTERS), W/ 12/32" INCH JET 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, W/ SHOCK SUB- GIH W/ BHA W/ 2-7/8" AOH DRILL PIPE W/ 1.875" ID "F" NIPPLE RUN 1-JT ABOVE DRILL COLLARS T/2883'KB, 7" SHOE @ 2880'KB. RU POWER SWIVEL.
	15:30 - 04:30	13.00	DRILL	REAM	COMPZN	BREAK CIRCULATION & UNDER-REAM @ 700-800 PSIG W/ 2.0 MMSCFD AIR & 8-10 BPH MIST- F/2883-3180'KB W/ 1500-FT-LBS OF TORQUE, W/ ~6K WOB @ 80+ RPM'S.
	04:30 - 06:00	1.50	EVALWB	CIRC	COMPZN	CIRCULATE WELLBORE CLEAN PRIOR TO PULLING UNDER-REAMER.
5/10/2004	06:00 - 07:00	1.00	RPCOMP	TRIP	COMPZN	SAFETY MEETING PRIOR TO STARTING OPERATIONS- PULL UP UNDER-REAMER INTO 7" @ 2869'KB-
	07:00 - 08:30	1.50	FLOWT	PRDT	COMPZN	FLOW TEST THRU 2" TIME CHOK MANIFOLD #S PITOT #S MSCFD / CONSISTENCY
						15MIN 18 4.50 1304 / DRY
						30MIN 18 4.50 1304 / DRY
						45MIN 24 6.00 1520 / HEAVY
						MIST
						60MIN 22 5.50 1454 / LIGHT
						MIST
						75MIN 19 4.75 1344 / LIGHT
						MIST
						90MIN 18 4.50 1304 / DRY
	08:30 - 11:30	3.00	RPCOMP	TRIP	COMPZN	COOH & LAYDOWN UNDER-REAMER- MU 6-1/4" BIT W/ BIT SUB & SHORT 3-1/2" COLLAR- RUN SURGE JOINT.
	11:30 - 02:00	14.50	EVALFM	SIPB	COMPZN	SIPBU
						SURGE # ISIP 15MIN 30MIN 45MIN 60MIN 90MIN 2HR
						2 42# 88# 90# 86# 92# 92# 92#
						3 42# 88# 90# 86# 92# 92# 92#
						4 42# 89# 90# 86# 92# 92# 92#
						5 46# 90# 91# 91# 92# 92# 92#
						6 50# 90# 91# 92# 92# 92# 92#
	02:00 - 03:15	1.25	FLOWT	PRDT	COMPZN	PERFORM NATURAL SURGES #2-#6 W/ 92#S. FLOW TEST THRU 2" TIME CHOK MANIFOLD #S PITOT #S MSCFD / CONSISTENCY
						15MIN 25 6.25 1578 / DRY
						30MIN 25 6.25 1578 / DRY
						45MIN 25 6.25 1578 / DRY

# CONOCOPHILLIPS CO

## Operations Summary Report

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Legal Well Name: FC STATE COM 21A  
 Common Well Name: FC STATE COM 21A  
 Event Name: COMPLETION  
 Contractor Name: KEY ENERGY SVCS  
 Rig Name: KEY ENERGY

Start: 3/30/2004      Spud Date: 4/18/2004  
 Rig Release:      End:  
 Rig Number: 22      Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
5/10/2004	02:00 - 03:15 03:15 - 06:00	1.25 2.75	FLOWT EVALFM	PRDT SIPB	COMPZN COMPZN	60MIN 25 6.25 1578 / DRY CREW SHORT HANDED FOR TRIPPING CONTINUE NATURAL SURGES- SIPBU SURGE # ISIP 15MIN 30MIN 45MIN 60MIN 90MIN 2HR 7 44# 95# 96# 97# 97# 97# 97# NATURAL SURGE #7 W/ 97#S. SAFETY MEETING PRIOR TO STARTING OPERATIONS- SIPBU SURGE # ISIP 15MIN 30MIN 45MIN 60MIN 90MIN 2HR 8 40# 91# 93# 94# 95# 95# 95# 9 42# 92# 94# 94# 95# 95# 95# 10 42# 92# 93# 93# 93# 93# 93# 11 42# 90# 90# 91# 92# 92# 92# PERFORM NATURAL SURGES #8-#11 W/ 92-95#S. PERFORM REQUIRED RIG FLUIDS SERVICE DURING SIPBU'S.
5/11/2004	06:00 - 17:30	11.50	EVALFM	SIPB	COMPZN	FLOW TEST THRU 2" TIME CHOKE MANIFOLD #S PITOT #S MSCFD / CONSISTENCY 15MIN 22.5 5.63 1470 / DRY 30MIN 22 5.5 1454 / DRY 45MIN 22 5.5 1454 / DRY 60MIN 22 5.5 1454 / DRY PULL AND LAYDOWN SURGE JOINT- GIH W/ 6-1/4" DRLG ASSEMBLY T/ 2869"KB. PERFORM 30MINUTE FLOW TEST THRU 2" WHILE RIGGING UP POWER SWIVEL- MANIFOLD#S PITOT #S MSCFD / CONSISTENCY 23 5.75 1487 / DRY GIH W/ 6-1/4" DRLG ASSEMBLY F/2869 -T/3174"KB, 6' OF NEW FILL- PULL UP INTO 7" CSG @ 2869"KB- HANG BACK POWER SWIVEL- COOH W/ 6-1/4" DRLG ASSEMBLY- 6-1/4" RR BIT GRADED:- (2-2-NO-A-E-I-NO-TD). FLOW TEST THRU 2" WHILE X-O #1 PIPE RAMS AND AUXILIARY EQUIPMENT- MU TIW "H" LATCH HANGER ASSEMBLY ON JOINT OF DRILL PIPE- MU TIW 6.06" OD BLADED SHOE W/ FLOAT VALVE ON 1ST JOINT OF CASING. MANIFOLD#S PITOT #S MSCFD / CONSISTENCY 23 5.75 1487 / DRY
	17:30 - 18:45	1.25	FLOWT	PRDT	COMPZN	
	18:45 - 19:30	0.75	RPCOMP	TRIP	COMPZN	
	19:30 - 20:00	0.50	FLOWT	PRDT	COMPZN	
	20:00 - 01:00	5.00	RPCOMP	TRIP	COMPZN	
	01:00 - 06:00	5.00	WELLPR	RURD	COMPZN	
5/12/2004	06:00 - 07:00 07:00 - 07:15 07:15 - 10:15	1.00 0.25 3.00	CASING WELCTL CASING	PULD BOPE RUNC	PROD1 PROD1 PROD1	SAFETY MEETING PRIOR TO STARTING OPERATIONS- PT PIPE RAMS T/95 PSIG- (OK) 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' 7- JTS 5-1/2" CASING - 302.91' 6-1/8" TIW "H" ROTATING SET COLLAR - 2.40'

**CONOCOPHILLIPS CO**  
**Operations Summary Report**

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Legal Well Name: FC STATE COM 21A  
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Event Name: COMPLETION  
Contractor Name: KEY ENERGY SVCS  
Rig Name: KEY ENERGY

Start: 3/30/2004  
Rig Release:  
Rig Number: 22

Spud Date: 4/18/2004  
End:  
Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
5/12/2004	07:15 - 10:15	3.00	CASING	RUNC	PROD1	TOTAL LINER ASSEMBLY 306.31'
	10:15 - 10:45	0.50	CASING	HOSO	PROD1	GIH W/ TOTAL OF 80 JTS 2-7/8" DRILLPIPE T/2807'KB. RU POWER SWIVEL- GIH W/ 5-1/2" LINER ASSEMBLY F/2807' & TAG UP @ 3160'KB, ~20' OF SOLID FILL ABOVE 3180'KB,PBTD. BREAK CIRCULATION W/ AIR MIST AND CIRCULATE DOWN T/3175'KB. SET 5-1/2" LINER ASSEMBLY F/ 2868-T/3175'KB EOL- W/ PBTD @ 3174KB- RELEASE OFF OF LINER ASSEMBLY TOL @ 2868'KB. PULL UP SETTING TOOL T/2860'KB AND BLOW 7" X 2-7/8" WELLBORE CLEAN W/ AIR / MIST. COOH & LAYDOWN 2-7/8" DP AND SETTING TOOL- "STRONG WINDY CONDITIONS"
	10:45 - 12:00	1.25	EVALWB	CIRC	COMPZN	CHANGE OUT #1 PIPE RAMS F/ 5-1/2" T/ 3-1/2"- RD POWER SWIVEL & MANUAL TONGS- PREP & TALLY TBG RU TO LDDC'S.
	12:00 - 18:00	6.00	RPCOMP	PULD	COMPZN	SAFETY MEETING PRIOR TO STARTING OPERATIONS- SICP 92 PSIG. PT PIPE RAMS T/92 PSIG- (OK) MU 6-1/4" RR BIT W/ BIT SUB BORED AND CONTAINING A FLOAT VALVE- TRIP IN AND LAYDOWN 3-1/2" DC'S. X-O 3-1/2" T/2-3/8" PIPE RAMS- RU TO PERFORATE. RU BLUE JET PERFORATORS- PT LUBRICATOR T/ 92 PSIG. GIH & PERFORATE Kfc INTERVALS: 3091-3097' 3081-3088' 3068-3078' 3025-3028' 3012-3022' 2989-2991' 2952-2955' 2943-2950' 2934-2939'
	18:00 - 06:00	12.00	WELLPR	RURD	COMPZN	TOTAL 212 (0.75") DIAMETER 120 DEGREE PHASED HOLES- RD PERFORATORS. PT 2-3/8" PIPE RAMS T/ 92 PSIG (OK)- BLEED WELL DOWN TO PIT. GIH W/ 32.50' 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 5-10-2004 @ B&R SERVICE'S SHOP), W/ 2-3/8" X 10.1' & 5.96' PUP JOINTS- W/ 98 JTS 2-3/8" EUE 8RD 4.7 PPF J-55 TBG MEASURING (3102.41')- LAND TBG W/ 2-3/8" EUE 8RD X 7-1/16" TBG HGR CONTAINING A BPV PBTD @ 3174'KB
5/13/2004	07:00 - 07:15	0.25	WELLPR	OTHR	COMPZN	
	07:15 - 07:30	0.25	WELCTL	BOPE	COMPZN	
	07:30 - 09:30	2.00	RPCOMP	PULD	COMPZN	
	09:30 - 10:30	1.00	WELLPR	RURD	COMPZN	
	10:30 - 13:30	3.00	PERF	PERF	COMPZN	
	13:30 - 14:30	1.00	WELCTL	BOPE	COMPZN	
	14:30 - 17:30	3.00	RPCOMP	PULD	COMPZN	



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**Operations Summary Report**

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Contractor Name: KEY ENERGY SVCS  
Rig Name: KEY ENERGY

Start: 3/30/2004  
Rig Release:  
Rig Number: 22  
Spud Date: 4/18/2004  
End:  
Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
5/13/2004	14:30 - 17:30	3.00	RPCOMP	PULD	COMPZN	EOT / MUD ANCHOR @ 3163.3'KB 1/4" X 8" SLOTS 3160'KB. 1.78" FN @ 3130'KB. PERF INTERVAL 2934-3097'KB. TOP OF LINER @ 2868'KB. "WINDY CONDITIONS"
5/14/2004	17:30 - 18:30	1.00	WELLPR	RURD	COMPZN	RIG DOWN FLOOR & AUXILIARY EQUIPMENT.
	18:30 - 19:00	0.50	WELLPR	OTHR	COMPZN	SDON.
	07:00 - 07:15	0.25	WELLPR	OTHR	COMPZN	SAFETY MEETING PRIOR TO STARTING OPERATIONS-SICP 105 PSIG.
	07:15 - 09:30	2.25	WELCTL	NUND	COMPZN	ND BOPE & NU 2-3/8" X 7-1/16" 3M BONNET.
	09:30 - 10:45	1.25	RPCOMP	SLKL	COMPZN	RU B&R SERVICE SLICKLINE-PT LUBRICATOR T/ 105 PSIG-RUN EQUALIZING PROBE AND RUPTURE DISC IN FWE BP IN FN @ 3130'KB-TRIP AND RETRIEVE PLUG-FLUID LEVEL @ 3060'KB.
	10:45 - 15:00	4.25	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: (CP113) W/ 4' PONY ROD AND 124 3/4" NORRIS, TYPE 78, API GRADE "D" RODS & SPACE OUT W/ 8' & 4' PONY ROD, 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 @ 3130'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. "GUSTY WIND CONDITIONS"
	15:00 - 15:45	0.75	WELLPR	OTHR	COMPZN	SDON.