

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.
NMSF078740

1a. Type of Well <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input checked="" type="checkbox"/> Other: CBM b. Type of Completion <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr. Other _____			6. If Indian, Allottee or Tribe Name _____		
2. Name of Operator CONOCOPHILLIPS COMPANY Contact: JUANITA FARRELL E-Mail: juanita.r.farrell@conocophillips.com			7. Unit or CA Agreement Name and No. NMNM78419D		
3. Address P O BOX 2197 WL 6106 HOUSTON, TX 77252			8. Lease Name and Well No. SAN JUAN 30-5 UNIT 210A		
4. Location of Well (Report location clearly and in accordance with Federal requirements) At surface Sec 30 T30N R5W Mer NMP At top prod interval reported below NENW 715FNL 1980FWL At total depth _____			9. API Well No. 30-039-27868-00-S1		
14. Date Spudded 09/28/2004			15. Date T.D. Reached 11/03/2004		
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod 11/07/2004			10. Field and Pool, or Exploratory BASIN FRUITLAND COAL		
18. Total Depth: MD 3180 TVD 3180			19. Plug Back T.D.: MD 3179 TVD 3179		
20. Depth Bridge Plug Set: MD TVD			11. Sec., T, R., M., or Block and Survey or Area Sec 30 T30N R5W Mer NMP		
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) MUDLOG			12. County or Parish RIO ARRIBA		
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)			13. State NM		
23. Elevations (DF, KB, RT, GL)* 6287 GL					

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	32.3	0	228		150		0	11
8.750	7.000 J-55	20.0	0	2954		485		0	50
6.250	5.500 J-55	15.5	2910	3180		0			

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.375	3161							

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) FRUITLAND COAL	2983	3099	2983 TO 3099	0.750	204	OPEN
B)						
C)						
D)						

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) FRUITLAND COAL	2983	3099	2983 TO 3099	0.750	204	OPEN
B)						
C)						
D)						

Depth Interval	Amount and Type of Material

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
11/07/2004	11/06/2004	1	→	0.0	309.0	0.0			GAS PUMPING UNIT
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
2" PITOT	SI	0.3	→	0	7416	0		GSI	

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

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

ELECTRONIC SUBMISSION #51258 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

NMOC

ACCEPTED FOR RECORD
NOV 22 2004
FEDERAL BUREAU OF LAND MANAGEMENT

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
				NACIMIENTO	1061
				OJO ALAMO	2405
				KIRTLAND	2515
				FRUITLAND	2913
				PICTURED CLIFFS	3280

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 #51258 Verified by the BLM Well Information System.
For CONOCOPHILLIPS COMPANY, sent to the Farmington
Committed to AFMSS for processing by ADRIENNE BRUMLEY on 11/29/2004 (05AXB0386SE)**

Name (please print) JUANITA FARRELL

Title AUTHORIZED REPRESENTATIVE

Signature _____ (Electronic Submission)

Date 11/25/2004

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 30-5 # 210A
API # : 30-039-27868
Location: 715' FNL & 1980' FWL
 Sec. 30 - T30N - R5W
 Rio Arriba County, NM
Elevation: 6287' 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: 28-Sep-04
Release Drl Rig: 2-Oct-04
Move In Cav Rig: 29-Oct-04
Date TD Reached: 2-Nov-04
Release Cav Rig: 6-Nov-04

Surface Casing Date set: 29-Sep-04
 Size 9 5/8 in
 Set at 228 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 228 ft
 TD of 12-1/4" hole 240 ft

Notified BLM @ 11:30 hrs on 27-Sep-04
 Notified NMOCD @ 11:30 hrs on 27-Sep-04

Intermediate Casing Date set: 1-Oct-04
 Size 7 in 68 jts
 Set at 2954 ft 0 pups
 Wt. 20 ppf Grade J-55
 Hole Size 8 3/4 in Conn STC
 Excess Cmt 160 % Top of Float Collar 2906 ft
 T.O.C. SURFACE Bottom of Casing Shoe 2954 ft
 Pup @ TD of 8-3/4" Hole 2960 ft
 Pup @
 Notified BLM @ 15:00 hrs on 30-Sep-04
 Notified NMOCD @ 15:00 hrs on 30-Sep-04

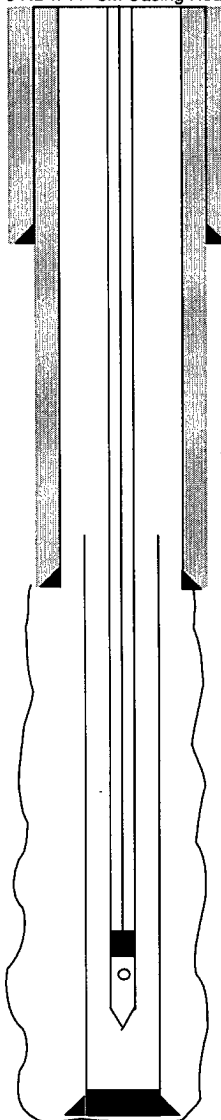
Production Liner Date set: 04-Nov-04
 Size 5 1/2 in
 Nominal Wt. 15.5 ppf
 Grade J-55 Connections: LTC
 # Jnts: 6
 Hole Size 6.25 / 9.5 inches
 Underreamed 6-1/4" hole to 9.5" from 2960' to 3180'
 Top of Liner 2910 ft
 PBTD 3179 ft
 Bottom of Liner 3180 ft

This well was NOT cavitated.

☒ New
☐ Used

☒ New
☐ Used

☒ New
☐ Used



TD 3,180 ft

Surface Cement

Date cmt'd: 29-Sep-04
 Lead : 150 sx Class G Cement
 + 2% BWOC S001 CaCl2
 + 0.25 lb/sx D130 Cellophane Flakes
 1.16 cuft/sx, 174 cuft slurry at 15.8 ppg
 Displacement: 14.5 bbls fresh wtr
 Bumped Plug at: 04:05 hrs w/ 500 psi
 Final Circ Press: 150 psi @ 2.0 bpm
 Returns during job: YES
 CMT Returns to surface: 11 bbls
 Floats Held: No floats used
 W.O.C. for 6.00 hrs (plug bump to start NU BOP)
 W.O.C. for 8.00 hrs (plug bump to test csg)

Intermediate Cement

Date cmt'd: 1-Oct-04
 Lead : 385 sx Class G Cement
 + 3% D079 Extender
 + 0.25 lb/sx D029 Cellophane Flakes
 + 0.2% D046 Antifoam
 2.61cuft/sx, 1004.9 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: 118 bbls Fresh Wtr
 Bumped Plug at: 15:07 hrs w/ 1246 psi
 Final Circ Press: 683 psi @ 2.0 bpm
 Returns during job: YES
 CMT Returns to surface: 50 bbls
 Floats Held: ☒ Yes ☐ No

UNCEMENTED LINER

Schematic prepared by:
 Steven O. Moore, Drilling Engineer
 19-Nov-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 @ 184'. Displaced top wiper plug with water. Shut in casing head and WOC before backing out landing jt. CENTRALIZERS @ 218', 140', 100', & 56'. Total: 4
7" Intermediate	DISPLACED W/ 118 BBLs. FRESH WATER. CENTRALIZERS @ 2943', 2866', 2780', 2697', 2610', 2525', 213', 85', 43'. TURBOLIZERS @ 2482', 2438', 2395', 2352'. Total: 9 Total: 4
5.5" Liner	4-Nov-04: Ran 6-1/16" OD bladed shoe w/ float valve on btm of liner. Ran liner w/ TIW H-Latch Drop Off Tool (no liner hanger).
Perforations	5-Nov-04: Perforated 5-1/2" liner with guns on E-line at 4 spf, 0.75" diameter, 120 degree phased holes Perf. intervals: 2983'-2989', 2992'-2995', 2996'-3002', 3004'-3008', 3020'-3032', 3034'-3044', 3085'-3090', 3094'-3099'. TOTAL SHOTS = 204.
Tubing	5-Nov-04: Ran 30.60' x 2-7/8" EUE 8rd box 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" expendable check, 2-3/8" OD (1.78" ID) F-Nipple, 1 e 2-3/8" x 4' pup jt + 99 jts 2-3/8" 4.7# J-55 EUE 8rd tubing. Bottom of Mud Anchor at 3161'. F-Nipple at 3129' MD RKB.
Pump & Rods	6-Nov-04: Ran 12" long strainer attached below insert pump with 3 ea 25' x 1-1/4" OD sinker bars on top of pump 121 ea 3/4" OD rods, spaced out with 4' - 6' - 8' x 3/4" OD pony rods & 1 ea 1-1/4" OD x 22' polished rod and with 2' pony rod on top of polish rod. Set pump in F-Nipple at 3129' MD RKB

Operations Summary Report

Legal Well Name: SAN JUAN 30-5 UNIT 210A

Common Well Name: SAN JUAN 30-5 UNIT 210A

Event Name: COMPLETION

Contractor Name: KEY ENERGY SVCS

Rig Name: KEY

Start: 10/29/2004

Rig Release: 11/6/2004

Rig Number: 27

Spud Date: 9/28/2004

End:

Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
10/30/2004	07:00 - 19:00	12.00	DRILL	WOW	COMPZN	SHUT DOWN DUE TO WEATHER AND MUD.
10/31/2004	07:00 - 07:30	0.50	DRILL	SFTY	COMPZN	PJSM AND JSA WITH ALL PERSONEL ON LOCATION.
	07:30 - 19:00	11.50	MOVE	RURD	COMPZN	MOVE RIG AND SPOT EQUIPMENT, RIG UP. MOVED TO THE SAN JUAN 30-5 #210A SEC 30 - T30N - R5W 715'FNL 1980'FWL NEAREST HELI PAD IS THE LOCATION 1/4 MILE SOUTHEAST OF THIS ONE. CALLED THE BLM HOTLINE PHONE FOR PRESSURE TEST @ 1040HRS, 10/30/2004 LEFT VOICE MAIL ON THE PHONE OF CHARLIE PERRIN WITH THE OCD @ 1045HRS ABOUT PRESSURE TEST. 10/30/2004 INSPECTED BOPS, DRILL PIPE, DRILL COLLARS AND ALL SUBS. FORKLIFT WAS NOT OPERATING PROPERLY RED TAGGED IT UNTIL IT CAN BE SERVICED TOMORROW. COULD NOT NIPPLE UP OR LAY BLOOIE LINES.
11/1/2004	07:00 - 07:30	0.50	STIMOP	SFTY	COMPZN	PJSM WITH ALL PERSONEL ON LOCATION.
	07:30 - 19:00	11.50	STIMOP	NUND	COMPZN	NIPPLE UP BOPS, RIG UP FLOOR, CHANGE OUT DRILLING LINE, PUT UP BLOOIE LINES AND BLOW LINES, PULL DRILL PIPE OUT OF BASKET. STRAP AND CALIPER DC & DP. RIG TIOGA AND WINDWALLS. SECURE LOCATION AND SHUT DOWN FOR THE NIGHT.
11/2/2004	07:00 - 07:30	0.50	DRILL	SFTY	COMPZN	PJSM WITH ALL PERSONEL ON LOCATION.
	07:30 - 08:30	1.00	DRILL	SFTY	COMPZN	RIG INSPECTION AND REPAIR GIGS.
	08:30 - 13:00	4.50	TREBOP	SFEQ	COMPZN	PRESSURE TEST CASING AND BLIND RAMS 300# LOW FOR 10 MIN AND 1800# HIGH FOR 30 MIN. STATE INTEGRITY TEST. INSTALL TEST PLUG AND PRESSURE TEST BOTH SETS OF PIPE RAMS, HCR VALVES, AND ALL MANIFOLD VALVES. 300 # LOW FOR 10 MIN. AND 1800 # HIGH FOR 10 MIN. ALL OK FOR 10 MIN. AND 1800 # HIGH FOR 10 MIN. ALL OK GIH PU BHA 6 1/4" RERUN BIT, BIT SUB WITH DP FLOAT, 10 - 3 1/2" DC'S, 1JT OF 2 7/8" DP, 1-2 7/8" FN W / 1.87 PROFILE. GIH PICKING UP 2 7/8 DP TO 2887'
	13:00 - 14:00	1.00	DRILL	PULD	COMPZN	
	14:00 - 15:00	1.00	DRILL	PULD	COMPZN	
	15:00 - 16:00	1.00	STIMOP	SFEQ	COMPZN	PICK UP AND RIG UP POWER SWIVEL. PRESSURE TEST STAND PIPE, AIR MANIFOLD, TIW VALVE AND KELLY HOSE TO 1800PSI FOR 10 MIN AND 300PSI FOR 10 MIN.
11/3/2004	16:00 - 17:00	1.00	DRILL	PULD	COMPZN	SECURE WELL, DRAIN UP AND SHUT DOWN FOR THE NIGHT.
	07:00 - 08:00	1.00	DRILL	SFTY	COMPZN	PJSM WITH ALL PERSONEL ON LOCATION. SERVICE AND WARM UP ALL EQUIPMENT.
	08:00 - 09:00	1.00	DRILL	SFEQ	COMPZN	PRESSURE TEST AIR LINES AND MANIFOLD TO 300PSI FOR 10 MINUTES AND 1200PSI FOR 10 MINUTES, ALL OK.
	09:00 - 11:00	2.00	DRILL	OTHR	COMPZN	UNLOAD HOLE, ESTABLISH CIRCULATION, DRLG CEMENT FROM 2887' TO 2896' DRLG FLOAT COLLAR AND 46' OF CEMENT WITH 1500 CFM AIR, 5 TO 6 BPH MIST WITH 1/2 GAL CORROSION INHIBITOR, 1 GAL 450 FOAMER PER 10 BARRELS OF WATER. TAG FLOAT @ 2896' CSG SHOE @ 2942' TD 8 3/4 HOLE @ 2960'

Operations Summary Report

Legal Well Name: SAN JUAN 30-5 UNIT 210A
 Common Well Name: SAN JUAN 30-5 UNIT 210A
 Event Name: COMPLETION
 Contractor Name: KEY ENERGY SVCS
 Rig Name: KEY

Start: 10/29/2004
 Rig Release: 11/6/2004
 Rig Number: 27
 Spud Date: 9/28/2004
 End:
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
11/3/2004	11:00 - 14:00	3.00	DRILL	DRLG	COMPZN	DRILLING FORMATION 2960' TO 3180' DRLG WITH 1100 CFM AIR, 5 TO 6 BPH MIST WITH 1/2 GAL CORROSION INHIBITOR, 1 GAL 450 FOAMER PER 10 BARRELS OF WATER. 330PSI ON STANDPIPE. 2984' - 2990' 6' 97 UNITS OF GAS 2996' - 3000' 4' 96 UNITS OF GAS 3004' - 3008' 4' 94 UNITS OF GAS 3020' - 3038' 18' 105 UNITS OF GAS 3039' - 3043' 4' 185 UNITS OF GAS 3086' - 3091' 5' 137 UNITS OF GAS 3095' - 3098' 3' 131 UNITS OF GAS TOTAL COAL 46'
	14:00 - 15:00	1.00	DRILL	CIRC	COMPZN	BLOW HOLE CLEAN WITH 1100 CFM AIR, 5 TO 6 BPH MIST WITH 1/4 GAL CORROSION INHIBITOR, 1 GAL 450 FOAMER PER 10 BARRELS OF WATER. 330PSI ON STANDPIPE. WELL WAS MAKING 1 1/2 BUCKET PER HOUR OF COAL, DOWN TO 1/2 BUCKET PER HOUR OF COAL.
	15:00 - 15:30	0.50	DRILL	CIRC	COMPZN	TURN OFF MIST PUMP AND BLOW WELL DRY. LIGHT MIST TO SURFACE WHEN BLOWING WELL DRY.
	15:30 - 16:00	0.50	DRILL	PULD	COMPZN	PULL UP INTO CASING LAYING DOWN 9 JOINTS OF DRILL PIPE WITH POWER SWIVEL.
	16:00 - 17:00	1.00	FLOWT	PRDT	COMPZN	2" OPEN FLOW TEST INITIAL PRESSURE 0 # ON GAUGE 0.00 # 000 MCFD 15 MINUTES - 1 # ON GAUGE 0.25 # 309 MCFD 30 MINUTES - 1 # ON GAUGE 0.25 # 309 MCFD 45 MINUTES - 1 # ON GAUGE 0.25 # 309 MCFD 60 MINUTES - 1 # ON GAUGE 0.25 # 309 MCFD NO WATER ON FLOW TEST.
	17:00 - 18:00	1.00	FLOWT	SIPB	COMPZN	SHUT IN TEST INSP 5 PSI 15 MINUTES 45 PSI 30 MINUTES 73 PSI 45 MINUTES 85 PSI 60 MINUTES 85 PSI RELEASE AS NATURAL SURGE, LET WELL BLOW DOWN.
	18:00 - 19:00	1.00	DRILL	TRIP	COMPZN	TRIP OUT OF HOLE.
	19:00 - 19:30	0.50	DRILL	SFTY	COMPZN	PJSM AND JSA WITH ALL PERSONEL ON LOCATION
	19:30 - 21:30	2.00	DRILL	TRIP	COMPZN	PICK UP SHOCK SUB AND UNDER REAMER AND TRIP IN HOLE.
	21:30 - 22:00	0.50	DRILL	PULD	COMPZN	PICK UP AND RIG UP POWER SWIVEL. ESTABLISH CIRCULATION.
	22:00 - 03:00	5.00	DRILL	UREM	COMPZN	UNDER REAM 6 1/4 HOLE TO 9 1/2 HOLE FROM 2960' TO 3180' WITH 1500 CFM AIR, 8 BPH MIST WITH 1/2 GAL CORROSION INHIBITOR, 1 GAL 450 FOAMER PER 10 BARRELS OF WATER. 610PSI ON STANDPIPE.
	03:00 - 04:00	1.00	DRILL	CIRC	COMPZN	BLOW HOLE CLEAN WITH 1500 CFM AIR, 8 BPH MIST WITH 1/4 GAL CORROSION INHIBITOR, 1 GAL 450 FOAMER PER 10 BARRELS OF WATER. 620PSI ON STANDPIPE.

Operations Summary Report

Legal Well Name: SAN JUAN 30-5 UNIT 210A

Common Well Name: SAN JUAN 30-5 UNIT 210A

Event Name: COMPLETION

Contractor Name: KEY ENERGY SVCS

Rig Name: KEY

Start: 10/29/2004

Rig Release: 11/6/2004

Rig Number: 27

Spud Date: 9/28/2004

End:

Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
11/3/2004	03:00 - 04:00	1.00	DRILL	CIRC	COMPZN	TURN OFF MIST PUMP AND DRY UP HOLE. WELL IS MAKING APPROXIMATELY 1 BBL OF WATER PER HOUR. PULL UP INTO CASING LAYING DOWN 9 JOINTS OF DRILL PIPE WITH POWER SWIVEL.
	04:00 - 05:00	1.00	DRILL	CIRC	COMPZN	
	05:00 - 06:00	1.00	STIMOP	PULD	COMPZN	
11/4/2004	06:00 - 07:00	1.00	FLOWT	PRDT	COMPZN	2" OPEN FLOW TEST INITIAL PRESSURE 1 # ON GAUGE 0.25 # 309 MCFD 15 MINUTES - 2 # ON GAUGE 0.50 # 434 MCFD 30 MINUTES - 2 # ON GAUGE 0.50 # 434 MCFD 45 MINUTES - 2 # ON GAUGE 0.50 # 434 MCFD 60 MINUTES - 2 # ON GAUGE 0.50 # 434 MCFD NO WATER ON FLOW TEST.
	07:00 - 08:30	1.50	DRILL	TRIP	COMPZN	TRIP OUT OF HOLE WITH UNDER REAMER. LAY DOWN SHOCK SUB AND UNDER REAMER.
	08:30 - 09:30	1.00	STIMOP	TRIP	COMPZN	PICK UP BIT AND BIT SUB, TRIP IN HOLE TO 2940'.
	09:30 - 11:00	1.50	STIMOP	PULD	COMPZN	PICK UP AND RIG UP POWER SWIVEL, GIH PICKING UP 9 JOINTS OF DRILL PIPE WITH POWER SWIVEL, TAG @ 3177' ESTABLISH CIRCULATION AND CIRCULATE. LAY DOWN 9 JOINTS OF DRILL PIPE WITH POWER SWIVEL.
	11:00 - 13:00	2.00	STIMOP	SIPB	COMPZN	SHUT IN TEST INSP 10 PSI 15 MINUTES 25 PSI 30 MINUTES 35 PSI 45 MINUTES 75 PSI 60 MINUTES 85 PSI 75 MINUTES 85 PSI 90 MINUTES 87 PSI 105 MINUTES 87 PSI RELEASE AS NATURAL SURGE #2, LET WELL BLOW DOWN.
	13:00 - 17:30	4.50	STIMOP	OTHR	COMPZN	NATURAL SURGE, #3 85PSI 60MIN #4 85PSI 60MIN #5 85PSI 60MIN #6 85PSI 60MIN
	17:30 - 18:30	1.00	STIMOP	PULD	COMPZN	GIH PICKING UP DRILL PIPE WITH POWER SWIVEL TAG @ 3180'. TRIP OUT OF HOLE LAYING DOWN DRILL PIPE WITH POWER SWIVEL.
	18:30 - 19:30	1.00	FLOWT	PRDT	COMPZN	2" OPEN FLOW TEST INITIAL PRESSURE 1 # ON GAUGE 0.25 # 309 MCFD 15 MINUTES - 2 # ON GAUGE 0.50 # 434 MCFD 30 MINUTES - 2 # ON GAUGE 0.50 # 434 MCFD 45 MINUTES - 2 # ON GAUGE 0.50 # 434 MCFD 60 MINUTES - 2 # ON GAUGE 0.50 # 434 MCFD NO WATER ON FLOW TEST.
	19:30 - 20:30	1.00	STIMOP	CIRC	COMPZN	ESTABLISH CIRCULATION AT CASING SHOE.
	20:30 - 21:00	0.50	STIMOP	PULD	COMPZN	GIH PICKING UP DRILL PIPE WITH POWER SWIVEL, TAG @ 3177'. Clean out 3' of fill!!!!
	21:00 - 03:30	6.50	STIMOP	CIRC	COMPZN	CIRCULATE AND CONDITION HOLE WITH 1100 CFM AIR, 5 TO 6 BPH MIST WITH 1/4 GAL CORROSION INHIBITOR, 1 GAL 450 FOAMER PER 10 BARRELS OF WATER.
	03:30 - 04:00	0.50	STIMOP	CIRC	COMPZN	TURN OFF MIST PUMP AND DRY UP WELL.
	04:00 - 05:00	1.00	STIMOP	PULD	COMPZN	PULL UP INTO CASING LAYING DOWN DRILL PIPE WITH POWER

Operations Summary Report

Legal Well Name: SAN JUAN 30-5 UNIT 210A
 Common Well Name: SAN JUAN 30-5 UNIT 210A
 Event Name: COMPLETION
 Contractor Name: KEY ENERGY SVCS
 Rig Name: KEY

Start: 10/29/2004
 Rig Release: 11/6/2004
 Rig Number: 27
 Spud Date: 9/28/2004
 End:
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
11/4/2004	04:00 - 05:00	1.00	STIMOP	PULD	COMPZN	SWIVEL, HANG SWIVEL IN DERRICK.
	05:00 - 06:00	1.00	STIMOP	TRIP	COMPZN	TRIP OUT OF HOLE TO RUN 5 1/2 LINER.
11/5/2004	06:00 - 07:00	1.00	STIMOP	OTHR	COMPZN	RIG UP FLOOR TO RUN LINER. CHANGE #1 RAMS TO 5 1/2 AND TEST.
	07:00 - 08:00	1.00	STIMOP	SFTY	COMPZN	PJSM AND JSA FOR RUNNING LINER AND TRIPPING IN THE HOLE WITH DRILL PIPE WITH ALL PERSONEL ON LOCATION.
	08:00 - 12:00	4.00	CASING	PUTB	COMPZN	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' 6- JTS 5-1/2" CASING 267.05' 6-1/8" TIW "H" ROTATING SET COLLAR 2.40' TOTAL LINER ASSEMBLY 270.45' GIH W/ TOTAL OF 84 JTS 2-7/8" DRILLPIPE T/2900'KB. PICK UP SINGLE JOINTS OF DP- GIH W/ 5-1/2" LINER ASSEMBLY F/2900' & TAG UP @ 3180'KB,3179'PBTD. SET 5-1/2" LINER ASSEMBLY F/ 2910 - 3180'KB EOL- W/ PBTD @ 3179'KB- RELEASE OFF OF LINER ASSEMBLY TOL @ 2910'KB. WAIT ON CHANGE OVER SUB FROM HANGER TO DP.
	12:00 - 15:30	3.50	CASING	PULD	COMPZN	LAY DOWN DRILL PIPE, TRIP IN HOLE WITH DRILL COLLARS AND LAY DOWN SAME.
	15:30 - 16:00	0.50	STIMOP	SFEQ	COMPZN	RIG DOWN AND LOAD OUT POWER SWIVEL
	16:00 - 17:00	1.00	STIMOP	OTHR	COMPZN	CHANGE RAMS FROM 5 1/2" TO 2 3/8" IN #1 BOP, AND TEST.
	17:00 - 18:00	1.00	STIMOP	OTHR	COMPZN	UNLOAD TUBING FROM TRAILER, TALLY AND PREP TO RUN.
						SECURE WELL LOCK UP EQUIPMENT, SHUT DOWN FOR THE NIGHT.
11/6/2004	07:00 - 07:30	0.50	PERFOP	SFTY	COMPZN	PJSM AND JSA WITH ALL PERSONEL ON LOCATION.
	07:30 - 09:30	2.00	STIMOP	PERF	COMPZN	RIG UP BLUE JET AND TEST LUBRICATOR TO 85PSI. PERFORATE AT FOLLOWING INTERVALS. 3094' - 3099' = 5' 20 SHOTS 3085' - 3090' = 5' 20 SHOTS 3004' - 3008' = 4' 16 SHOTS 3034' - 3044' = 10' 40 SHOTS 2996' - 3002' = 6' 24 SHOTS 2992' - 2995' = 3' 12 SHOTS 3020' - 3032' = 12' 48 SHOTS 2983' - 2989' = 6' 24 SHOTS 4 SHOTS PER FOOT, 204 TOTAL SHOTS. 3 WIRELINE RUNS.
	09:30 - 11:00	1.50	FLOWT	PRDT	COMPZN	BLOW WELL DOWN AND FLOW TEST. 2" OPEN FLOW TEST SIBU 85PSI 60 MINUTES - 2 # ON GAUGE 0.25 # 309 MCFD
	11:00 - 13:00	2.00	STIMOP	RCST	COMPZN	GIH W/ 30.60' X 2-7/8" 8RD EUE BOX ORANGE PEELED MUD

Operations Summary Report

Legal Well Name: SAN JUAN 30-5 UNIT 210A
 Common Well Name: SAN JUAN 30-5 UNIT 210A
 Event Name: COMPLETION
 Contractor Name: KEY ENERGY SVCS
 Rig Name: KEY

Start: 10/29/2004
 Rig Release: 11/6/2004
 Rig Number: 27

Spud Date: 9/28/2004
 End:
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
11/6/2004	11:00 - 13:00	2.00	STIMOP	RCST	COMPZN	ANCHOR W/ 8-(1/4" X 8") SLOTS, 2-7/8" X 2-3/8" EUE 8RD X-O COLLAR (0.45") , W/ 0.73" x 2-3/8" EXPENDABLE CHECK W/ 0.85" x 2-3/8" OD X 1.78" ID "F" NIPPLE. W/ 2-3/8" X 4', PUP JOINT- W/ 99 JTS 2-3/8" EUE 8RD 4.7 PPF J-55 TBG MEASURING (3111.74')- LAND TBG W/ 2-3/8" EUE 8RD X 7-1/16" TBG HGR CONTAINING A BPV EOT / MUD ANCHOR @ 3161'KB 1.78" FN @ 3129'KB.
	13:00 - 17:00	4.00	STIMOP	NUND	COMPZN	RIG DOWN FLOOR, NIPPLE DOWN AND LOAD OUT BOPS. NIPPLE UP RADAGAN AND RIG UP TO RUN RODS. SECURE WELL AND SHUT DOWN FOR THE NIGHT.
11/7/2004	07:00 - 07:30	0.50	STIMOP	SFTY	COMPZN	PJSM WITH ALL PERSONNEL ON LOCATION.
	07:30 - 08:00	0.50	STIMOP	OTHR	COMPZN	WARM UP EQUIPMENT, BLOW WELL DOWN, 85PSI
	08:00 - 09:00	1.00	STIMOP	SLKL	COMPZN	DROP BALL AND PUMP OUT EXPENDABLE CHECK.
	09:00 - 12:00	3.00	STIMOP	ALFT	COMPZN	RU TO RUN RODS- FUNCTION TEST INSERT PUMP (OK)- GIH W/ 12" STRAINER ATTACHED BELOW 2" X 1 1/4" X 12' RHAC-ZDV INSERT PUMP SN: (CP196) W/ 3 SINKER BARS AND 121 3/4" NORRIS, TYPE 78, API GRADE "D" RODS & SPACE OUT W/ 4', 6', 8', PONY RODS, RUN 1 1/4" X 22' POLISHED ROD W/ 2' PONY ROD ON TOP. 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 @ 3129'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.
	12:00 - 18:00	6.00	STIMOP	RURD	COMPZN	RIG DOWN AND PREPARE TO MOVE RIG. RIG RELEASED @ 1800 HRS TO THE SAN JUAN 30-5 #208A