

30-039-27251

PHILLIPS PETROLEUM CO Operations Summary Report

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Legal Well Name: SAN JUAN 30-5 FRUITLAND CO 000214A
Common Well Name: SAN JUAN 30-5 FRUITLAND #214A UNIT
Event Name: Original Completion Start: 1/30/2003
Contractor Name: KEY FOUR CORNERS Rig Release:
Rig Name: KEY ENERGY Rig Number: 29

Spud Date:

End:

Group:

MAR 2003

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
1/31/2003	09:00 - 16:00	7.00	MV	1	80CMPL	MOVE KEY #29 TO SJ 30-5 #214A LOCATION.
	16:00 - 16:30	0.50	MV	c	80CMPL	HOLD SAFETY MEETING.
	16:30 - 17:00	0.50	RM	z	80CMPL	FINISH PUTTING LIGHTS IN DERRICK. SDON.
2/1/2003	07:00 - 07:30	0.50	CM	c	80CMPL	SAFETY MEETING.
	07:30 - 09:00	1.50	RM	c	80CMPL	HOLD FORKLIFT CLASS.
	09:00 - 18:30	9.50	CM	6	80CMPL	RU KEY #29 FOR DAYLIGHT CAVITATION. MI & RU MOBIL AIR SERVICES.
2/2/2003	07:00 - 07:30	0.50	CM	c	80CMPL	SAFETY MEETING.
	07:30 - 18:30	11.00	CM	6	80CMPL	CONTINUE RIGGING UP KEY #29 FOR DAYLIGHT CAVITATION. SDON.
2/4/2003	07:00 - 07:30	0.50	CM	c	80CMPL	SAFETY MEETING.
	07:30 - 18:30	11.00	CM	6	80CMPL	CONTINUE RIGGING UP FOR DAYLIGHT CAVITATION. SDON.
2/5/2003	07:00 - 07:30	0.50	CM	c	80CMPL	SAFETY MEETING.
	07:30 - 13:30	6.00	CM	6	80CMPL	CONTINUE RIGGING UP.
	13:30 - 16:00	2.50	CM	z	80CMPL	PERFORM RIG INSPECTION W/CONOCO-PHILLIPS & KEY SAFETY PERSONEL.
2/6/2003	16:00 - 18:30	2.50	CM	6	80CMPL	CONTINUE RIGGING UP AS PER SAFETY INSPECTION. SDON.
	07:00 - 07:30	0.50	CM	c	80CMPL	SAFETY MEETING.
	07:30 - 12:30	5.00	CM	6	80CMPL	FINISH RIGGING UP KEY #29 FOR DAYLIGHT CAVITATION.
	12:30 - 14:30	2.00	CM	8	80CMPL	PRESSURE TEST BOPS. TEST PIPE RAMS TO 3000PS - 10MIN. TEST CSG & BLIND RAMS TO 200PSI- 10MIN. PRESSURE ON UP TO 700PSI & CHART FOR 60MIN. PRESSURE TEST CSG & BLIND RAMS TO 1800PSI & HOLD 15MIN. ALL TESTS HELD OK.
	14:30 - 18:00	3.50	CM	2	80CMPL	MU 6 1/4" RERUN BUTTON BIT ON BOTTOM OF A 3 1/2" DC. CONTINUE IN HOLE PICKING UP 7- MORE COLLARS FOLLOWED BY 41-JTS OF 2 7/8" AOH DP. NOTE: RAN 2 7/8"x1.81" DP F NIPPLE 1-JT ABOVE DC'S. SDFN.
2/7/2003	07:00 - 07:30	0.50	CM	c	80CMPL	SAFETY MEETING.
	07:30 - 09:45	2.25	CM	2	80CMPL	CONTINUE PICKING UP DP & TIH. TAG FILL @ 3006'(40' CMT FILL).
	09:45 - 11:00	1.25	CM	6	80CMPL	RU MOBIL AIR & PRESSURE TEST AIR LINES.
	11:00 - 12:00	1.00	CM	c	80CMPL	HOLD SAFETY MEETING DISCUSSING POSITIONS FOR SURGING & RUNNING BOP DRILLS.
	12:00 - 13:30	1.50	CM	5	80CMPL	UNLOAD HOLE & BREAK CIRCULATION W/1800CFM AIR W/10BPH MIST.
	13:30 - 16:30	3.00	CM	z	80CMPL	DRILL OUT CEMENT, FC & SHOE JT TO 3096'.
	16:30 - 19:00	2.50	CM	z	80CMPL	DRILL OPEN HOLE FROM 3096'- 3138' W/1800CFM AIR & 10BPH MIST, RUNNING 4K ON BIT, TURNING 70 RPMS. CIRCULATING PRESSURE RUNNING 400PSI. RETURNS MOSTLY SAND & SHALE. NO COAL.
	19:00 - 19:30	0.50	CM	c	80CMPL	HOLD EVENING TOUR SAFETY MEETING.
	19:30 - 06:00	10.50	CM	5	80CMPL	PULL UP OFF BOTTOM & CIRCULATE @ A REDUCED RATE & MIST CONTENT.
2/8/2003	06:00 - 10:00	4.00	WO	z	50PRDR	PULL UP TO CSG SHOE & THAW OUT MIST PUMP ON AIR UNIT. ALSO HAD SOME FREEZES ON STAND PIPE VALVES.
	10:00 - 10:15	0.25	DR	c	50PRDR	HOLD SAFETY MEETING.
	10:15 - 10:30	0.25	DR	5	50PRDR	TIH FROM 3090' & TAG BOTTOM @ 3138'. BREAK CIRCULATION W/1800CFM AIR & 10BPH MIST W/1GAL OF FOAMER & INHIBITOR PR/HR.
	10:30 - 17:30	7.00	DR	1	50PRDR	DRILL COAL INTERVAL FROM 3138'- 3246'. WOB-4K, 70RPMS & 450PSI CIRCULATING PSI.
	17:30 - 18:30	1.00	DR	5	50PRDR	CIRCULATE ON BOTTOM & CORRELATE W/MUD LOGGERS. COAL INTERVALS AS FOLLOWS: 3103'-05'- DIRTY STRINGER, NO

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Event Name: Original Completion
Contractor Name: KEY FOUR CORNERS
Rig Name: KEY ENERGY
Spud Date:
Start: 1/30/2003
End:
Rig Release:
Group:
Rig Number: 29

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
2/8/2003	17:30 - 18:30	1.00	DR	5	50PRDR	GAS. 3126'- 27'- DIRTY STRINGER, NO GAS. 3157'- 3163'- INTERMEDIATE SEMIBRIGHT BLACK SATIN LUSTERED COAL, POORLY CLEATED, 283 UNITS OF GAS. 3170'- 75'- INTERMEDIATE SATIN BLACK & DULL BRN COAL, POORLY CLEATED, 376 UNITS OF GAS & 3212'- 3237'- SEMI BRIGHT BLACK COAL W/FAIR CLEATING, 450 UNITS OF GAS. TOTAL COAL: 38'
	18:30 - 06:00	11.50	CM	1	80CMPL	R & R. C/O FROM 3220'-46' W/1800CFM AIR, 10BPH MIST W/1GAL OF FOAMER & INHIBITOR. RETURNS OF LIGHT COAL- FINES W/95%COAL & 5%SAND. 1 1/2 DN TO 1/4BUCKET PR/HR BY MORNING.
2/9/2003	06:00 - 07:15	1.25	CM	1	80CMPL	R & R @ 3246' W/1800CFM AIR W/10BPH MIST. LIGHT COAL RETURNS.
	07:15 - 07:30	0.25	CM	c	80CMPL	SAFETY MEETING W/ALL PERSONEL ON LOCATION.
	07:30 - 08:15	0.75	CM	1	80CMPL	R & R @ 3246'.
	08:15 - 08:45	0.50	CM	2	80CMPL	PULL UP INSIDE 7" CSG SHOE TO 3090' LAYING DN 6-JTS OF DP.
	08:45 - 09:45	1.00	CM	z	80CMPL	PERFORM INITIAL FLOW TEST THROUGH CHOKE MANIFOLD OUT 2" FLOW LINE W/PITOT TUBE. 15-MIN(260MCFD) 30MIN(260MCFD) 45MIN(260MCFD) & 60MIN(260MCFD).
	09:45 - 10:45	1.00	CM	t	80CMPL	PERFORM INITIAL SI. 15MIN(295PSI) 30MIN(420PSI) 45MIN(525PSI) 60MIN(600PSI).
	10:45 - 16:00	5.25	CM	1	80CMPL	SURGE#1- BUILT UP TO 790PSI NATURALLY. MIST & GAS RETURNS. SURGES #2,#3,#4 AIR ASSIST W/5BPH MIST TO 1200PSI, 1- 3GALS OF FOAMER & INHIBITOR, 5BBL H2O PADS. RETURNS TO SURFACE OF LIGHT COAL & FINES.
	16:00 - 16:15	0.25	CM	2	80CMPL	TIH PICKING UP DP FROM 3090'. TAG FILL @ 3166'(80' FILL).
	16:15 - 17:30	1.25	CM	1	80CMPL	BREAK CIRCULATION W/1800CFM AIR & 10BPH MIST. 1-GAL OF FOAMER + INHIBITOR. 450PSI CIRCULATING PRESSURE. R&R C/O FR 3166'- 3190'. RETURNS OF LT COAL & FINES. 3 DN TO 1/2 BUCKET PR/HR FROM SAMPLE CATCHER. 95% COAL, 5% SAND
	17:30 - 18:30	1.00	CM	1	80CMPL	R&R C/O FR 3190'- 3220'. RETURNS OF LT COAL & FINES. 4 DN TO 1BKTS PR/HR. 95% COAL, 5% SAND
2/10/2003	18:30 - 19:30	1.00	CM	1	80CMPL	R&R C/O FR 3220'- 3246'. RETURNS OF LT TO MEDIUM COAL & FINES. 5 DN TO 3 1/2 BKTS PR/HR FR SAMPLE CATCHER. 95% COAL, 5% SAND.
	19:30 - 06:00	10.50	CM	1	80CMPL	R&R C/O ON BOTTOM FR 3220'- 46'. RETURNS OF LT TO MED COAL & LOTS OF FINES. 3 1/2 DN TO 1/2 BUCKET PR/HR BY MORNING. 95%COAL & 5% SAND.
	06:00 - 07:15	1.25	CM	1	80CMPL	R&R @ 3246' W/1800CFM AIR, NO MIST. LT COAL RETURNS.
	07:15 - 07:30	0.25	CM	c	80CMPL	SAFETY MEETING W/ALL PERSONEL ON LOCATION.
	07:30 - 08:00	0.50	CM	1	80CMPL	R&R @ 3246' W/1800CFM AIR ONLY. SERVICE RIG.
	08:00 - 08:15	0.25	CM	2	80CMPL	PULL UP INTO 7" CSG SHOE LAYING DN 6-JTS OF DP.
	08:15 - 09:15	1.00	CM	z	80CMPL	CONDUCT FLOW TEST OUT 2"LINE W/PITOT. WELL GUAGED 290MCFD W/LT-MIST.
	09:15 - 10:15	1.00	CM	z	80CMPL	CONDUCT 60MIN SI. 625PSI.
	10:15 - 14:00	3.75	CM		80CMPL	PERFORM SURGES #6, #7, #8, #9 W/AIR ASSIST & 5BBL PR/HR MIST W/1-GAL FOAMER + INHIBITOR TO 1200PSI. SPEAR HEADED 2GAL OF FOAMER FOLLOWED BY 3- 5BBL H2O PADS. RETURNS TO SURFACE OF LT-COAL & FINES.
	14:00 - 14:30	0.50	CM	z	80CMPL	CONDUCT BOP DRILL.
	14:30 - 15:00	0.50	RM	m	80CMPL	CHANGE OUT 2" NIPPLE ON AIR LINE.
	15:00 - 15:15	0.25	CM	2	80CMPL	TIH PICKING UP DP. TAG FILL @ 3146'(100' FILL).
	15:15 - 16:00	0.75	CM	1	80CMPL	BREAK CIRCULATION W/1800CFM AIR & 10BPH MIST W/FOAMER & INHIBITOR. CIRCULATING PRESSURE - 450PSI. R&R C/O FR

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Event Name: Original Completion
Contractor Name: KEY FOUR CORNERS
Rig Name: KEY ENERGY
Start: 1/30/2003
Rig Release:
Rig Number: 29
Spud Date:
End:
Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
2/10/2003	15:15 - 16:00	0.75	CM	1	80CMPL	3146'- 65'. RETURNS OF LT- COAL & FINES. 3 DN TO 1/2BKT PR/HR FROM SAMPLE CATCHER. 95% COAL, 5% SAND & SHALE.
	16:00 - 17:00	1.00	CM	1	80CMPL	R&R C/O FR 3165'- 95'. RETURNS OF LT-COAL & FINES. 2 DN TO 1/2BKT PR/HR. 95% COAL, 5% SAND & SHALE.
	17:00 - 18:00	1.00	CM	1	80CMPL	R&R C/O FR 3195'- 3226'. RETURNS OF MED- LT COAL & FINES. 2 DN TO 1/2BKT PR/HR. 95%COAL, 5% SAND & SHALE.
	18:00 - 06:00	12.00	CM	1	80CMPL	R&R C/O FR 3226'- 46'(TD). RETURNS OF MED- LT COAL & FINES. COAL RUNNING 5 1/2 DN TO 1/2BKT PR/HR BY MORNING. 95% COAL & 5% SAND.
2/11/2003	06:00 - 07:15	1.25	CM	1	80CMPL	R&R ON BOTTOM @ 3246' W/1800CFM AIR ONLY.
	07:15 - 07:45	0.50	CM	c	80CMPL	SAFETY MEETING W/ALL PERSONEL ON LOCATION. RIG SERVICE.
	07:45 - 08:15	0.50	CM	1	80CMPL	R&R ON BOTTOM @ 3246' W/1800CFM AIR ONLY.
	08:15 - 08:30	0.25	CM	2	80CMPL	PULL UP INSIDE CSG SHOE LAYING DN 6-JTS OF DP.
	08:30 - 09:30	1.00	CM	u	80CMPL	PERFORM FLOW TEST OUT 2" FLOW LINE W/PITOT. 615MMCFD.
	09:30 - 10:30	1.00	CM	t	80CMPL	SI FOR 60MIN BUILD UP. 620PSI.
	10:30 - 18:00	7.50	CM	1	80CMPL	PERFORM SURGES #10, #11, #12, #13 W/ AIR ASSIST & 5BPH MIST, 1GAL FOAMER +INHIBITOR TO 1200PSI. SPEAR HEADED 2-GAL OF FOAMER FOLLOWED BY 3- 5BBL H2O PADS ON 1ST 2 SURGES. RETURNS OF HVY DARK MIST FOLLOWED BY LT-COAL. DROPPED FOAMER ON LAST 2 SURGES. RETURNS OF DARK MIST, COAL DUST & RUNNING COAL FINES & CHIPS TO 1/2" IN SIZE.
	18:00 - 19:00	1.00	RM	m	80CMPL	LOST STARTER ON AIR BOOSTER. REPLACED STARTER OVERNIGHT. SUSPENDED RIG OPERATIONS FOR EVENING.
2/12/2003	07:00 - 07:15	0.25	CM	c	80CMPL	SAFETY MEETING W/ALL PERSONEL ON LOCATION.
	07:15 - 07:45	0.50	CM	g	80CMPL	BLEED DN 620PSI CSG PRESSURE TO PIT.
	07:45 - 08:30	0.75	CM	2	80CMPL	TIH FR CSG SHOE PICKING UP DP. TAG FILL @ 3150'(96' FILL).
	08:30 - 12:30	4.00	CM	1	80CMPL	BREAK CIRCULATION W/1800CFM AIR & 10BPH MIST W1-GAL FOAMER & INHIBITOR. CIRCULATING PRESSURE - 450PSI. R&R C/O COAL FR 3150'- 65'. RETURNS OF MEDIUM SIZE COAL & HVY FINES. 5 DN TO 2BKTS PR/HR FR SAMPLE CATCHER. 95%COAL, 5% SAND & SHALE.
	12:30 - 06:00	17.50	CM	1	80CMPL	R&R C/O COAL FR 3165'- 90'. RETURNS OF MEDIUM SIZE COAL & HVY FINES. 6 DN TO 2BKTS PR/HR BY MORNING. 90% COAL & 10% SAND & SHALE.
2/13/2003	-		CM		80CMPL	
	-		CM		80CMPL	
	-		CM		80CMPL	
	06:00 - 07:00	1.00	CM	1	80CMPL	R&R C/O FR 3165'- 95' W/1800CFM AIR & 10BPH MIST 1GAL OF FOAMER & INHIBITOR. CIRCULATING PRESSURE - 450PSI. RETURNS OF LT-COAL CHIPS W/MODERATE FINES. 95% COAL & 5% SAND & SHALE @ THE SAMPLE CATCHER.
	07:00 - 07:30	0.50	CM	c	80CMPL	SAFETY MEETING W/ALL PERSONEL ON LOCATION.
	07:30 - 14:00	6.50	CM	1	80CMPL	R&R C/O FR 3195'- 3225' W/1800CFM AIR-MIST. RETURNS OF LT-MED COAL CHIPS & HVY FINES. 5 BKTS- DN TO 2 BKTS PR/HR FROM SAMPLE CATCHER. 95% COAL & 5%SAND & SHALE
	14:00 - 14:30	0.50	CM	1	80CMPL	PULL UP TO 3100'. RIG SERVICE ON AIR COMPRESSORS.
	14:30 - 19:00	4.50	CM	1	80CMPL	CHANGE OUT STRIPPER RUBBER. TI & TAG FILL @ 3200'. R&R C/O FROM 3195'- 3225' W/1800CFM AIR-MIST. RETURNS OF LT-COAL CHIPS & HVY FINES. 5 DN TO 1 1/2 BKTS PR/HR. 95% COAL & 5% SAND & SHALE.
	19:00 - 06:00	11.00	CM	1	80CMPL	R&R C/O FR 3225'-46' W/1800CFM AIR-MIST. RETURNS OF MED-

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Legal Well Name: SAN JUAN 30-5 FRUITLAND CO 000214A
Common Well Name: SAN JUAN 30-5 FRUITLAND #214A UNIT
Event Name: Original Completion
Contractor Name: KEY FOUR CORNERS
Rig Name: KEY ENERGY
Spud Date:
Start: 1/30/2003
End:
Rig Release:
Group:
Rig Number: 29

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
2/13/2003	19:00 - 06:00	11.00	CM	1	80CMPL	LT COAL CHIPS & HVY FINES. 5 DN TO 1 BKT PR/HR BY MORNING. 95% COAL & 5% SAND & SHALE.
2/14/2003	06:00 - 07:00	1.00	CM	1	80CMPL	R&R C/O COAL FILL FR 3220'- 3246' W/1800CFM AIR- 10BPH MIST W/1GAL FOAMER+INHIBITOR. 450PSI CIRCULATING PRESSURE. RETURNS OF MEDIUM FINES W/95%COAL & 5% SAND & SHALE. 1 1/2 DN TO 1BKT PR/HR FROM SAMPLE CATCHER.
	07:00 - 07:30	0.50	CM	c	80CMPL	SAFETY MEETING W/ALL PERSONEL ON LOCATION.
	07:30 - 12:00	4.50	CM	1	80CMPL	R&R C/O RUNNING COAL FR 3220'-46' W/1800CFM AIR-MIST. RETURNS OF LT COAL CHIPS W/HVY FINES. 5 DN TO 1 1/2 BKTS PR/ HR. 95% COAL & 5% SAND & SHALE.
	12:00 - 12:30	0.50	CM	1	80CMPL	PULL UP INSIDE 7" CSG SHOE LAYING DN 6-JTS OF DP.
	12:30 - 13:30	1.00	CM	u	80CMPL	CONDUCT FLOW TEST THROUGH CHOKE MANIFOLD OUT 2" W/PITOT(1.35MMCFD).
	13:30 - 14:30	1.00	CM	t	80CMPL	SI FOR 60MIN BUILD UP(610PSI).
	14:30 - 17:30	3.00	CM	1	80CMPL	CONDUCT AIR ASSIST SURGES #14, #15 & #16 PRESSURING UP TO 1100PS & PUMPING 2- 5BBL H2O PADS. RETURNS OF HVY DARK MIST, COAL FINES & SML AMT OF COAL CHIPS UP TO 1/2" IN SIZE.
	17:30 - 18:00	0.50	CM	2	80CMPL	TIH FR INSIDE CSG SHOE PU 2 7/8" DP. TAG FILL @ 3185'(61' FILL).
	18:00 - 21:45	3.75	CM	1	80CMPL	R&R C/O COAL FILL FR 3185'-95' W/1800CFM AIR- 10BPH MIST W/1GAL OF FOAMER+INHIBITOR. 450PSI CIRCULATING PRESSURE. RETURNS OF LT COAL CHIPS & HVY FINES. 3 DN TO 1 BKT PR/HR FROM SAMPLE CATCHER. 95% COAL & 5% SAND & SHALE.
	21:45 - 01:30	3.75	CM	1	80CMPL	R&R C/O COAL FILL FR 3195'- 3220' W/1800CFM AIR-MIST. RETURNS OF LT COAL CHIPS & HVY COAL FINES. 3 DN TO 1 1/2BKTS PR/HR.
	01:30 - 06:00	4.50	CM	1	80CMPL	R&R C/O COAL FILL FR 3220'- 46' W/1800CFM AIR-MIST. RETURNS OF LT-MED COAL CHIPS W/HVY FINES. 3 DN TO 1BKT PR/HR FR SAMPLE CATCHER. 95% COAL, 5% SAND & SHALE.
2/15/2003	06:00 - 07:00	1.00	CM	1	80CMPL	R&R C/O COAL FILL FR 3126'-46' W/1800CFM AIR-MIST. RETURNS OF MED FINES. 1BKT PR/HR OUT SAMPLE CATCHER W/ 95% COAL & 5% SAND & SHALE.
	07:00 - 07:15	0.25	CM	c	80CMPL	SAFETY MEETING W/ALL PERSONEL ON LOCATION.
	07:15 - 08:15	1.00	CM	2	80CMPL	PULL UP INSIDE CSG SHOE LAYING DN 6-JTS.
	08:15 - 09:15	1.00	CM	u	80CMPL	CONDUCT FLOW TEST THROUGH CHOKE MANIFOLD OUT 2" W/PITOT: 15MIN- 1.6MMCFD, 30MIN- 1.8MMCFD, 45MIN- 1.95MMCFD, 60MIN- 1.95MMCFD.
	09:15 - 10:15	1.00	CM	t	80CMPL	SI FOR PSI BUILD UP. 15MIN- 300PSI, 30MIN- 420PSI, 45MIN- 530PSI, 60MIN- 615PSI.
	10:15 - 16:15	6.00	CM	1	80CMPL	PERFORM AIR ASSIST SURGES #17, #18, #19 & #20 PRESSURING UP TO 1100PSI. PUMPED 2GAL OF FOAMER AHEAD OF 1ST 2 SURGES & 2-3 5BBL H2O PADS DURING EACH SURGE. WELL BRINGING BACK LOTS OF COAL DUST, FINES & COAL CHIPS UP TO 1/2" IN SIZE AFTER EACH SURGE.
	16:15 - 16:30	0.25	CM	2	80CMPL	TIH PICKING UP 2 7/8" DP. TAG FILL @ 3166'(80' FILL).
	16:30 - 17:00	0.50	CM	c	80CMPL	CONDUCT BOP DRILL.
	17:00 - 23:00	6.00	CM	1	80CMPL	BREAK CIRCULATION W/1800CFM AIR, 10BPH MIST W/1-2GAL OF FOAMER+INHIBITOR. CIRCULATING PRESSURE 450PSI. R&R C/O COAL FILL FR 3166'- 95'. RETURNS OF MED SIZE COAL CHIPS & HVY FINES. 3 1/2 DN TO 1BKT PR/HR OUT SAMPLE CATCHER. 95%COAL & 5% SAND & SHALE.

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Event Name: Original Completion
Contractor Name: KEY FOUR CORNERS
Rig Name: KEY ENERGY
Spud Date:
Start: 1/30/2003
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Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
2/15/2003	23:00 - 06:00	7.00	CM	1	80CMPL	R&R C/O COAL FILL FR 3195'- 3220' W/1800CFM AIR-MIST. RETURNS OF MED- LT COAL W/HVY FINES. 3 DN TO 1BKT PR/HR. 95% COAL & 5% SAND & SHALE.
2/16/2003	06:00 - 07:00	1.00	CM	1	80CMPL	R&R C/O COAL FR 3195'-3220' W/1800CFM AIR-MIST. RETURNS OF MED-LT COAL FINES. 1BKT PR/HR 95% COAL, 5%SAND & SHALE.
	07:00 - 07:30	0.50	CM	c	80CMPL	SAFETY MEETING W/ALL PERSONEL ON LOCATION.
	07:30 - 06:00	22.50	CM	1	80CMPL	R&R C/O RUNNING COAL FR 3220'-46' W/1800CFM AIR & 10BPH MIST W/1-2 GALS OF FOAMER+INHIBITOR. RETURNS OF MED-SIZE COAL & HVY FINES. 5BKTS DN TO 1 1/2BKTS PR/HR BY MORNING OUT SAMPLE CATCHER. 95% COAL, 5%SAND & SHALE.
2/17/2003	-		CM		80CMPL	
	-		CM		80CMPL	
	06:00 - 07:00	1.00	CM	1	80CMPL	R&R C/O COAL FILL FR 3220'- 46' W/1800CFM AIR-MIST. RETURNS OF LT-COAL & MED FINES. 1BKT PR/HR FROM SAMPLE CATCHER. 95% COAL, 5% SAND & SHALE.
	07:00 - 07:30	0.50	CM	c	80CMPL	SAFETY MEETING W/ALL PERSONEL ON LOCATION.
	07:30 - 08:00	0.50	CM	2	80CMPL	PULL UP INSIDE CSG SHOE LAYING DN 6-JTS
	08:00 - 14:00	6.00	CM	1	80CMPL	CONDUCT AIR ASSIST SURGES #21, #22, #23 & #24 PRESSURING UP TO 1100PSI EACH TIME. PUMPED 2 GAL OF FOAMER AHEAD OF 1ST 2 SURGES & 3- 5BBL H2O PADS DURING EACH SURGE. RETURNS OF HVY COAL DUST, MED COAL CHIPS UP TO 1/2" IN SIZE & HVY FINES. NOTE: ON SURGES 23 & 24, DEVELOPED A PARTIAL BLOCKAGE IN LINE. PRESSURE NOT COMPLETELY TRANSFERING TO DP ANNULUS.
	14:00 - 18:00	4.00	CM	4	80CMPL	RT BIT TO CHECK FOR PLUG IN FLOAT OR BIT. OK.
	18:00 - 19:30	1.50	WO	7	80CMPL	CHANGE OUT BAD VALVE ON AIR BOOSTER.
	19:30 - 20:15	0.75	CM	2	80CMPL	TIH FROM INSIDE CSG SHOE PICKING UP DP. TAG COAL FILL @ 3176'(70' FILL).
	20:15 - 00:00	3.75	CM	1	80CMPL	R&R C/O COAL FILL FR 3176'-95' W/1800CFM AIR & 10BPH MIST W/1-2GAL OF FOAMER+INHIBITOR. 450PSI CIRCULATING PRESSURE. RETURNS OF MED- LT COAL CHIPS W/HVY FINES. 3 DN TO 1BKT PR/HR FROM SAMPLE CATCHER. 95%COAL, 5% SAND & SHALE.
	00:00 - 03:30	3.50	CM	1	80CMPL	R&R C/O COAL FILL FR 3195'- 3220' W/1800CFM AIR- MIST. RETURNS OF MED-LT COAL CHIPS W/HVY FINES. 3 DN TO 1 1/2BKTS PR/HR. 95% COAL, 5% SAND & SHALE.
2/18/2003	03:30 - 06:00	2.50	CM	1	80CMPL	R&R C/O RUNNING COAL FR 3220'-32' W/1800CFM AIR-MIST.RETURNS OF HVY COAL CHIPS, 1/8"-1/2" IN SIZE & HVY FINES. 4BKTS PR/HR FROM SAMPLE CATCHER. 95%COAL & 5% SAND & SHALE.
	06:00 - 07:00	1.00	CM	1	80CMPL	R&R C/O RUNNING COAL FR 3220'-46' W/1800CFM AIR & 10BPH MIST W/1-GAL OF FOAMER+INHIBITOR. CIRCULATING PRESSURE 450PSI. RETURNS OF MED - COAL CHIPS & HVY COAL FINES. 4 DN TO 3BKTS PR/HR FROM SAMPLE CATCHER. 95%COAL & 5%SAND & SHALE.
	07:00 - 07:15	0.25	CM	c	80CMPL	SAFETY MEETING W/ALL PERSONEL ON LOCATION.
	07:15 - 10:00	2.75	CM	1	80CMPL	R&R C/O COAL FILL FR 3220'-46' W/1800CFM AIR-MIST. RETURNS OF MED-LT COAL W/HVY- MED FINES. 3 DN TO 1BKT PR/HR FROM SAMPLE CATCHER. 95% COAL & 5% SAND & SHALE.
	10:00 - 10:30	0.50	CM	2	80CMPL	PULL UP INSIDE 7"CSG SHOE LAYING DN 6-JTS OF DP.
	10:30 - 11:30	1.00	CM	u	80CMPL	CONDUCT FLOW TEST OUT 2" W/PITOT. 15MIN- 1.8MMCFD, 30MIN- 2.1MMCFD, 45MIN- 2.41MMCFD & 60MIN- 2.41MMCFD.

PHILLIPS PETROLEUM CO
Operations Summary Report

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Legal Well Name: SAN JUAN 30-5 FRUITLAND CO 000214A
Common Well Name: SAN JUAN 30-5 FRUITLAND #214A UNIT
Event Name: Original Completion
Contractor Name: KEY FOUR CORNERS
Rig Name: KEY ENERGY
Spud Date: 1/30/2003
End:
Rig Release: Group:
Rig Number: 29

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
2/18/2003	11:30 - 12:30	1.00	CM	t	80CMPL	SI FOR BUILD UP. 15MIN- 280PSI, 30MIN- 400PSI, 45MIN- 480PSI & 60MIN- 520PSI.
	12:30 - 18:00	5.50	CM	1	80CMPL	CONDUCT AIR ASSIST SURGES #25, #26, #27 & #28 PRESSURING UP TO 1050PSI. PUMPED 2-3GALS OF FOAMER AHEAD OF 1ST 2 SURGES & 3 5BBL H2O PADS DURING EACH BUILD UP. RETURNS OF HVY COAL DUST, BLACK, DIRTY FOAM, 1/4"- 1/2" SIZE COAL CHIPS & HVY FINES.
	18:00 - 18:30	0.50	CM	2	80CMPL	TIH PICKING UP DP. TAG COAL FILL @ 3164'.
	18:30 - 23:00	4.50	CM	1	80CMPL	R&R C/O COAL FILL FR 3164'-95' W/1800CFM AIR & 10BPH MIST W/1GAL OF FOAMER+INHIBITOR. CIRCULATING PRESSURE 450PSI. RETURNS OF MED COAL & HVY FINES. 3 1/2 DN TO 1BKT PR/HR FROM SAMPLE CATCHER. 95% COAL, 5% SAND & SHALE.
	23:00 - 04:00	5.00	CM	1	80CMPL	R&R C/O COAL FR 3195'- 3220' W/1800CFM AIR- MIST. RETURNS OF MED COAL & HVY COAL FINES. 3 DN TO 1BKT PR/HR. 95% COAL, 5% SAND & SHALE.
	04:00 - 06:00	2.00	CM	1	80CMPL	R&R C/O RUNNING COAL FR 3220'-46' W/1800CFM AIR-MIST. RETURNS OF MED COAL CHIPS & HVY COAL FINES. 4 DN TO 2 1/2BKTS PR/HR. 95% COAL, 5% SAND & SHALE.
	06:00 - 07:00	1.00	CM	1	80CMPL	R&R C/O COAL FILL FR 3220'-46' W/1800CFM AIR & 10BPH MIST W/1GAL OF FOAMER+INHIBITOR. CIRCULATING PRESSURE 450PSI. RETURNS OF MED- LT COAL CHIPS & HVY FINES. 2 1/2 DN TO 2BKTS PR/HR. 95% COAL, 5% SAND & SHALE.
2/19/2003	07:00 - 07:30	0.50	CM	c	80CMPL	SAFETY MEETING W/ALL PERSONEL ON LOCATION.
	07:30 - 10:00	2.50	CM	1	80CMPL	R&R C/O COAL FILL FR 3220'-46' W/1800CFM AIR-MIST. RETURNS OF LT COAL CHIPS & MED FINES. 2 DN TO 1BKT PR/HR FROM SAMPLE CATCHER. 95% COAL, 5% SAND & SHALE.
	10:00 - 10:30	0.50	CM	2	80CMPL	PULL UP INSIDE 7" CSG SHOE LAYING DN 6-JTS OF DP.
	10:30 - 17:00	6.50	CM	1	80CMPL	CONDUCT AIR ASSIST SURGES #29, #30, #31, #32 & #33 PRESSURING UP TO 1100PSI. PUMPED 2-3 GALS OF FOAMER AHEAD OF 1ST 2 SURGES & 3- 5BBL H2O PADS DURING EACH BUILD UP. RETURNS OF HVY COAL DUST, DIRTY BLACK FOAM, COAL CHIPS FR 1/4"- 1/2" IN SIZE & LOTS OF COAL FINES.
	17:00 - 17:30	0.50	CM	2	80CMPL	TIH PICKING UP DP. TAG FILL @ 3166'.
	17:30 - 22:30	5.00	CM	1	80CMPL	R&R C/O COAL FILL FR 3166'- 95' W/1800CFM AIR & 10BPH MIST W/1GAL OF FOAMER+INHIBITOR. CIRCULATING PRESSURE OF 450PSI. RETURNS OF MED COAL & HVY FINES. 3 DN TO 1BKT PR/HR FR SAMPLE CATCHER. 95% COAL, 5% SAND & SHALE.
	22:30 - 02:00	3.50	CM	1	80CMPL	R&R C/O COAL FILL FR 3195'-3220' W/1800CFM AIR-MIST. RETURNS OF MED COAL & HVY COAL FINES. 3 DN TO 1BKT PR/HR. 95% COAL, 5% SAND & SHALE.
2/20/2003	02:00 - 06:00	4.00	CM	1	80CMPL	R&R C/O COAL FILL FR 3220'- 46' W/1800CFM AIR-MIST. RETURNS OF MED COAL & HVY FINES. 4 1/2 DN TO 3 BKTS PR/HR FR SAMPLE CATCHER. 95% COAL, 5% SAND & SHALE.
	06:00 - 07:00	1.00	CM	1	80CMPL	R&R C/O COAL FILL FR 3220'-46' W/1800CFM AIR & 10BPH MIST W/1-GAL OF FOAMER+INHIBITOR. RETURNS OF MED- LT COAL W/HVY FINES. 3 DN TO 2BKTS PR/HR FROM SAMPLE CATCHER. 95% COAL, 5% SAND & SHALE.
	07:00 - 07:15	0.25	CM	c	80CMPL	SAFETY MEETING W/ALL PERSONAL ON LOCATION.
	07:15 - 08:15	1.00	CM	1	80CMPL	R&R C/O COAL FILL FR 3220'-46' W/1800CFM AIR-MIST. RETURNS OF LT COAL W/MED FINES. 2 DN TO 1BKT PR/HR. 95%COAL, 5% SAND & SHALE.
	08:15 - 08:45	0.50	CM	2	80CMPL	PULL UP INSIDE 7" CSG SHOE LAYING DN 6-JTS OF DP.
	08:45 - 09:45	1.00	CM	u	80CMPL	PERFORM FLOW TEST OUT 2" W/PITOT. 15MIN- 2.68MMCFD,

PHILLIPS PETROLEUM CO
Operations Summary Report

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Legal Well Name: SAN JUAN 30-5 FRUITLAND CO 000214A
Common Well Name: SAN JUAN 30-5 FRUITLAND #214A UNIT
Event Name: Original Completion
Contractor Name: KEY FOUR CORNERS
Rig Name: KEY ENERGY
Spud Date:
Start: 1/30/2003
End:
Rig Release:
Group:
Rig Number: 29

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
2/20/2003	08:45 - 09:45	1.00	CM	u	80CMPL	30MIN- 2.77MMCFD, 45MIN- 2.77MMCFD & 60MIN- 2.77MMCFD. SI FOR BUILD UP. 15MIN- 300PSI, 30MIN- 380PSI, 45MIN- 480PSI & 60MIN- 520PSI.
	09:45 - 10:45	1.00	CM	t	80CMPL	
	10:45 - 16:30	5.75	CM	1	80CMPL	CONDUCT AIR ASSIST SURGES #34, #35, #36, #37 & 38. PRESSURED 1ST SURGE UP TO 1000PSI & THE REST TO 800PSI. PUMPED 2-3GALS OF FOAMER AHEAD OF 1ST 2 SURGES & 3-5BBL H2O PADS DURING EACH BUILD UP. RETURNS OF MED COAL DUST, DIRTY FOAM, MED COAL CHIPS & MED FINES.
	16:30 - 17:00	0.50	CM	2	80CMPL	TIH PICKING UP DP. TAG FILL @ 3166'.
	17:00 - 21:00	4.00	CM	1	80CMPL	R&R C/O COAL FILL FR 3166'- 95' W/1800CFM AIR & 10BPH MIST W/1GAL OF FOAMER+INHIBITOR. CIRCULATING PRESSURE -450PSI. RETURNS OF MED COAL & HVY FINES. 3 DN TO 1BKT PR/HR FROM SAMPLE CATCHER. 95% COAL, 5% SAND & SHALE.
	21:00 - 02:15	5.25	CM	1	80CMPL	R&R C/O COAL FILL FR 3195'- 3220' W/1800CFM AIR-MIST. RETURNS OF MED COAL & HVY FINES. 3 DN TO 1BKT PR/HR. 95% COAL, 5% SAND & SHALE.
2/21/2003	02:15 - 06:00	3.75	CM	1	80CMPL	R&R C/O COAL FILL FR 3220'-46' W/1800CFM AIR-MIST. RETURNS OF MED- HVY COAL & HVY FINES. 3 1/2 DN TO 2BKTS PR/HR. 95% COAL, 5% SAND & SHALE.
	06:00 - 07:00	1.00	CM	1	80CMPL	R&R C/O COAL FILL FR 3220'-46' W/1800CFM AIR & 10BPH MIST W/1GAL OF FOAMER+INHIBITOR. CIRCULATING PRESSURE - 450PSI. RETURNS OF MED- LT COAL W/HVY FINES. 2 BUCKETS PR/HR FROM SAMPLE CATCHER. 95% COAL, 5% SAND & SHALE.
	07:00 - 07:15	0.25	CM	c	80CMPL	SAFETY MEETING W/ALL PERSONEL ON LOCATION.
	07:15 - 10:30	3.25	CM	1	80CMPL	R&R C/O COAL FILL FR 3220'- 46' W/1800CFM AIR-MIST. RETURNS OF LT COAL & MED FINES. 2 DN TO 1BKT PR/HR. 95% COAL, 5% SAND & SHALE.
	10:30 - 11:00	0.50	CM	2	80CMPL	PULL UP INSIDE 7" CSG SHOE LAYING DN 6-JTS OF DP.
	11:00 - 16:15	5.25	CM	1	80CMPL	PERFORM AIR ASSIST SURGES # 39, #40, #41 & #42 PRESSURING 1ST SURGE TO 850PSI & THE REST TO 1000PSI. PUMPED 2-3 GALS OF FOAMER AHEAD OF 1ST 2 SURGES & 3-5BBL H2O PADS DURING EACH BUILD UP. RETURNS OF HVY COAL DUST, BLACK DIRTY FOAM, MED SIZE COAL CHIPS UP TO 1/2" IN SIZE & HVY COAL FINES.
	16:15 - 17:00	0.75	CM	2	80CMPL	TIH PICKING UP DP. TAG FILL @ 3166'(80' FILL).
	17:00 - 20:00	3.00	CM	1	80CMPL	R&R C/O COAL FILL FR 3166'- 3195' W/1800CFM AIR & 10BPH MIST W/1GAL OF FOAMER+INHIBITOR. CIRCULATING PRESSURE - 450PSI. RETURNS OF LT COAL & HVY FINES. 3 DN TO 1BKT PR/HR OUT SAMPLE CATCHER. 95%COAL, 5% SAND & SHALE.
	20:00 - 23:30	3.50	CM	1	80CMPL	R&R C/O COAL FILL FR 3195'- 3220' W/1800CFM AIR-MIST. RETURNS OF MED COAL & HVY FINES. 3 DN TO 1BKT PR/HR. 95%COAL, 5% SAND & SHALE.
	23:30 - 06:00	6.50	CM	1	80CMPL	R&R C/O COAL FILL FR 3220'-46' W/1800CFM AIR-MIST. RETURNS OF MED COAL & HVY COAL FINES. 4 DN TO 2BKTS PR/HR. 95%COAL & 5% SAND & SHALE.
2/22/2003	06:00 - 07:00	1.00	CM	1	80CMPL	R&R C/O COAL FILL FR 3220'-46' W/1800CFM AIR & 10BPH MIST W/1GAL OF FOAMER+INHIBITOR. CIRCULATING PRESSURE - 450PSI. RETURNS OF MED- LT COAL W/ HVY FINES. 2 BKTS PR/HR FROM SAMPLE CATCHER. 95% COAL, 5% SAND & SHALE.
	07:00 - 07:15	0.25	CM	c	80CMPL	SAFETY MEETING W/ALL PERSONEL ON LOCATION.
	07:15 - 10:00	2.75	CM	1	80CMPL	R&R C/O COAL FILL FR 3220'- 46' W/1800CFM AIR MIST. RETURNS OF MED- LT COAL CHIPS W/HVY- LT FINES. 2 1/2 DN TO 1BKT PR/HR. 95% COAL, 5% SAND & SHALE.

PHILLIPS PETROLEUM CO
Operations Summary Report

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Legal Well Name: SAN JUAN 30-5 FRUITLAND CO 000214A
Common Well Name: SAN JUAN 30-5 FRUITLAND #214A UNIT
Event Name: Original Completion
Contractor Name: KEY FOUR CORNERS
Rig Name: KEY ENERGY
Spud Date:
Start: 1/30/2003
End:
Rig Release:
Group:
Rig Number: 29

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
2/22/2003	10:00 - 10:30	0.50	CM	2	80CMPL	PULL UP INSIDE CSG SHOE LAYING DN 6-JTS OF DP.
	10:30 - 11:30	1.00	CM	u	80CMPL	FLOW TEST OUT 2" W/PITOT. 15MIN- 2.78MMCFD, 30MIN- 2.98MMCFD, 45MIN- 2.98MMCFD & 60MIN- 2.98MMCFD. APPROXIMATELY 1BPH H2O.
	11:30 - 12:30	1.00	CM	t	80CMPL	SI FOR BUILD UP. 15MIN- 240PSI, 30MIN- 370PSI, 45MIN- 440PSI & 60MIN- 520PSI.
	12:30 - 13:30	1.00	CM	g	80CMPL	SLOWLY BLEED DN CSG PRESSURE & LET WELL FLOW NATURALLY.
	13:30 - 13:45	0.25	CM	2	80CMPL	TIH PICKING UP DP. TAG UP @ 3231'.
	13:45 - 19:30	5.75	CM	1	80CMPL	R&R C/O COAL FR 3220'- 46' W/1800CFM AIR, 10BPH MIST W/1-GAL FOAMER+INHIBITOR & 1/2GAL POLYMER. CIRCULATING PRESSURE- 450PSI. RETURNS OF MED- LT COAL & HVY- MED FINES. 3 1/2 DN TO 1BKT PR/HR FROM SAMPLE CATCHER. 95% COAL, 5% SAND & SHALE.
	19:30 - 20:00	0.50	CM	2	80CMPL	PULL UP TO CSG SHOE LAYING DN 6- JTS OF DP.
	20:00 - 22:00	2.00	CM	g	80CMPL	LET WELL FLOW NATURALLY OUT BOTH BLOOIE LINES.
	22:00 - 22:30	0.50	CM	2	80CMPL	TIH PICKING UP DP. TAG UP @ 3195'.
	22:30 - 03:30	5.00	CM	1	80CMPL	R&R C/O RUNNING COAL FR 3166'- 95' W/1800CFM AIR, 12BPH MIST W/2GAL FOAMER+INHIBITOR & 1GAL POLYMER. CIRCULATING PRESSURE -600PSI DN TO 450PSI. RETURNS OF HVY COAL & HVY FINES. 5 DN TO 1 1/2BKTS PR/ HR. 95% COAL, 5% SAND & SHALE.
	03:30 - 06:00	2.50	CM	1	80CMPL	R&R C/O COAL FR 3195'- 3220' W/1800CFM AIR-MIST. RETURNS OF MED- LT COAL & HVY FINES. 3 DN TO 1 1/2BKTS PR/HR. 95% COAL, 5% SAND & SHALE.
2/23/2003	06:00 - 07:00	1.00	CM	1	80CMPL	R&R C/O RUNNING COAL FR 3220'-46' W/1800CFM AIR, 12BPH MIST W/2-GALS OF FOAMER+INHIBITOR & 1-GAL OF POLYMER. CIRCULATING PRESSURE - 450PSI. RETURNS OF HVY COAL CHIPS & HVY FINES. 5 DN TO 3 1/2 BKTS PR/HR FROM SAMPLE CATCHER. 95% COAL, 5% SAND & SHALE.
	07:00 - 07:15	0.25	CM	c	80CMPL	SAFETY MEETING W/ALL PERSONEL ON LOCATION.
	07:15 - 16:45	9.50	CM	1	80CMPL	R&R C/O COAL FILL FR 3220'-46' W/1800CFM AIR-MIST. RETURNS OF MED COAL & HVY - LT COAL FINES. 3 1/2 DN TO 1BKT PR/HR. 95% COAL, 5% SAND & SHALE.
	16:45 - 17:00	0.25	CM	2	80CMPL	PULL UP INSIDE CSG SHOE LAYING DN 6-JTS OF DP.
	17:00 - 19:00	2.00	CM	g	80CMPL	FLOW WELL NATURALLY FROM 2 BLOOIE LINES.
	19:00 - 19:15	0.25	CM	2	80CMPL	TIH PICKING UP DP. TAG UP @ 3186'.
	19:15 - 22:30	3.25	CM	1	80CMPL	R&R C/O COAL FILL FR 3186'- 95' W/1800CFM AIR, 12BPH MIST W/2-GALS OF FOAMER+INHIBITOR & 1GAL OF POLYMER. CIRCULATING PRESSURE - 450PSI. RETURNS OF LT COAL & HVY- MED FINES. 2 1/2 DN TO 1BKT PR/HR FROM SAMPLE CATCHER. 95% COAL, 5% SAND & SHALE.
	22:30 - 01:30	3.00	CM	1	80CMPL	R&R C/O COAL FILL FR 3195'-3220' W/1800CFM AIR-MIST. RETURNS OF MED- LT COAL & HVY- MED FINES. 95% COAL, 5% SAND & SHALE.
	01:30 - 05:30	4.00	CM	1	80CMPL	R&R C/O COAL FILL FR 3220'- 46' W/1800CFM AIR-MIST. RETURNS OF MED- LT COAL & HVY- LT FINES. 3 DN TO 1BKT PR/HR. P5%COAL, 5% SAND & SHALE.
	05:30 - 06:00	0.50	CM	2	80CMPL	PULL UP LAYING DN 6-JTS OF DP. HANG SWIVEL
2/24/2003	06:00 - 07:00	1.00	CM	4	80CMPL	POOH W/ DP.
	07:00 - 07:15	0.25	CM	c	80CMPL	SAFETY MEETING W/ALL PERSONEL ON LOCATION.
	07:15 - 08:00	0.75	CM	4	80CMPL	CONTINUE POOH W/BIT & DP.
	08:00 - 09:00	1.00	CM	6	80CMPL	RU TO RUN 5 1/2" PRODUCTION LINER.

PHILLIPS PETROLEUM CO
Operations Summary Report

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Legal Well Name: SAN JUAN 30-5 FRUITLAND CO 000214A
Common Well Name: SAN JUAN 30-5 FRUITLAND #214A UNIT
Event Name: Original Completion
Contractor Name: KEY FOUR CORNERS
Rig Name: KEY ENERGY
Spud Date: 1/30/2003
End:
Rig Release:
Group:
Rig Number: 29

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
2/24/2003	09:00 - 10:00	1.00	CM	u	80CMPL	FLOW TEST OUT 2" LINE W/PITOT. 15MIN- 3.11MMCFD, 30MIN- 3.32MMCFD, 45MIN- 3.32MMCFD & 60MIN- 3.32MMCFD. 1BBL PR/ HR H2O.
	10:00 - 12:00	2.00	CM	2	80CMPL	MU 6 1/4" BIT ON BIT SUB W/INSERT FLOAT. MU ON BOTTOM OF 1-JT OF 5 1/2", 15.5#, J-55, LT&C CSG. RUN IN HOLE W/4 ADDITIONAL JTS(218' OF CSG) TOPPED OFF W/ 5 1/2"x 7" HYFLO III LINER HANGER.
	12:00 - 14:00	2.00	CM	4	80CMPL	TIH W/ 98-JTS OF 2 7/8" DP. TAG FILL ON BOTTOM @ 3236'(10' FILL).
	14:00 - 14:30	0.50	CM	5	80CMPL	BREAK CIRCULATION W/1800CFM AIR-MIST. CIRCULATE THE LINER DN TO 3246'(TD).
	14:30 - 14:45	0.25	CM	1	80CMPL	PU 1' OFF BOTTOM & SET LINER HANGER. BACK OFF HANGER & LEAVE LINER IN PLACE W/ BOTTOM OF 6 1/4" BIT @ 3245', TOP OF FLOAT SUB @ 3243' & TOP OF 5 1/2" LINER @ 3020'.
2/25/2003	14:45 - 19:00	4.25	CM	2	80CMPL	LD SWIVEL. POOH LAYING DN ALL DP & DC'S. SWIFN.
	07:00 - 07:15	0.25	CM	c	80CMPL	SAFETY MEETING. SICP- 520PSI.
	07:15 - 08:00	0.75	CM	g	80CMPL	SLOWLY BLEED DN CSG PRESSURE TO PIT.
	08:00 - 08:45	0.75	CM	6	80CMPL	RU BLUE JET WL TO PERFORATE THE FRUITLAND COAL. RU 25' LUBRICATOR.
	08:45 - 10:30	1.75	CM	q	80CMPL	USING A 3 1/8" HSC, PERFORATE THE FRUITLAND COAL W/188- 5" HOLES, 4-JSPF AS FOLLOWS: 3211'-38', 3168'- 76', 3156'- 64' & 3124'-28'. MADE THREE RUNS. ALL SHOTS FIRED OK.
	10:30 - 11:30	1.00	CM	6	80CMPL	RU TO RUN 2 3/8" PRODUCTION TBG.
	11:30 - 13:30	2.00	CM	2	80CMPL	MU 2 3/8" EXPENDABLE CHECK ON BOTTOM OF 1-JT OF 2 3/8" TBG W/A 2 3/8"x 1.81" F NIPPLE ON TOP. STRAP, RABBIT & PU 101 ADDITIONAL JTS. TAG BOTTOM @ 3242'(2' FILL).
	13:30 - 13:45	0.25	CM	2	80CMPL	LD 4-JTS. MU & LAND TBG HANGER IN WELLHEAD W/98-JTS OF 2 3/8" TBG IN THE HOLE. BOTTOM OF CHECK @ 3108'KB. TOP OF F NIPPLE @ 3075'.
	13:45 - 15:15	1.50	CM	e	80CMPL	ND BOP STACK & NU UPPER TREE.
	15:15 - 16:00	0.75	CM	5	80CMPL	USING AIR, PRESSURE TEST TBG TO 1000PSI. PUMP OFF CHECK @ 1200PSI & CIRCULATE.
2/26/2003	16:00 - 18:30	2.50	CM	6	80CMPL	BEGIN RIGGING DN KEY #29. FLOW BOTH CSG & TBG TO PIT 30MIN EACH. SWI, JOB COMPLETE.
	07:00 - 07:15	0.25	CM	c	80CMPL	SAFETY MEETING.
	07:15 - 14:00	6.75	CM	6	80CMPL	RD KEY #29 TO MOVE.

Well Name: SAN JUAN 30-5 214AAPI #: 30-039-27251Spud Date: 20-Jan-03Spud Time: 2000 HRSTD Date: 23-Jan-03Rig Release Date: 24-Jan-03

7 1/16" 5M x 2 1/16" Tree Adapter/Cap

11" 3M x 7 1/16" 5M Tubing Head

9-5/8" 8 RD x 11" 3M Casing Head

Surface Casing Date set: 21-Jan-03

Size 9 5/8 in
 Set at 221 ft # Jnts: 5
 Wt. 32.3 ppf Grade H-40
 Hole Size 12 1/4 in
 Wash Out 100 %
 Est. T.O.C. 14 ft

Csg Shoe 221 ft
 TD of surface 230 ft

Notified BLM @ 1520 hrson 1/20/2003Notified NMOCD @ 1520 hrson 1/20/2003**Intermediate Casing** Date set: 23-Jan-03

Size 7 in
 Set at 3097 ft # Jnts: 75
 Wt. 20 ppf Grade J-55
 Hole Size 8 3/4 in
 Wash Out 150 %
 Est. T.O.C. SURFACE

Csg Shoe 3097 ft
 TD of intermediate 3100 ft

Notified BLM @ 2230 hrs on 1/22/2003Notified NMOCD @ 2230 hrs on 1/22/2003**Production Liner** Date set: 23-Feb-03

Size 5 1/2 in Connections: LTC
 Blank Wt. 15.5 ppf
 Grade J-55
 # Jnts: 5
 Hole Size 6 1/4 in

Float Sub: 3243'Liner Shoe: 3245'TD 3,246 ft**Surface Cement**Date cmt'd: 21-Jan-03Lead: 135sx 50/50/Poz w/2% Gel 5#/sxGilsonite, 3% CaCl₂, 1/2 #/sx Flocele& .2% CFR-3 @ 13.5ppg & 1.32 cuft/sxDisplacement vol. & fluid.: 14.5 FWBumped Plug at: 0450 HRSPressure Plug bumped: 300Returns during job: YESCMT Returns to surface: 11 BLSFloats Held: Yes NoW.O.C. for 9 hrs (plug bump to drlg cmt)**Intermediate Cement**Date cmt'd: 24-Jan-03Lead: 338sx Class B Cmt w/3%Econolite, 10 pps Gilsonite & 1/2 ppsFlocele @ 11.4 ppg & 2.90 cuft/sx.Tail: 100 sx 50/50/B/Poz Cmt w/2%Gel, 2% CaCl₂, 5 pps Gilsonite & 1/4pps Flocele @ 13.5 ppg & 1.33 cuft/sxDisplacement vol. & fluid.: 120 FWBumped Plug at: 0020 HRSPressure Plug bumped: 610Returns during job: YESCMT Returns to surface: 2 bblsFloats Held: X Yes No**Liner Cement****UNCEMENTED LINER****COMMENTS:**Surface: NO FLOAT EQUIPMENT RAN. WELL SHUT-IN WITH 200 PSI.

Intermediate:

Production: 6 1/4" bit on bottom joint of casing, set at 3245', insert float within bit sub set at 3243', top of 5 1/2" liner @ 3020'.
77' of overlap in 7" casing.

CENTRALIZERS:Surface: 211', 137', 97', 55'.Intermediate: 3087', 3012', 2930', 2503', 202'.TURBOLIZERS @ 2642', 2559'.Total: 4Total: 7