

30-045-3669

ConocoPhillips

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Operations Summary Report

Legal Well Name: SAN JUAN 32-8 UNIT FRUITLAND 000256A

Common Well Name: SAN JUAN 32-8 FRUITLAND #256A UNIT

Event Name: Original Completion

Start: 06/20/2003

Spud Date: 07/22/2003

End: 07/20/2003

Contractor Name:

Rig Release:

Group:

Rig Name:

Rig Number:

Date	From - To	Hours	Code	Subco	Phase	Description of Operations
09/01/2003	12:30 - 13:30	1.00	MV	1	00MMIR	SAFETY MEETING-PRIOR TO STARTING OPERATIONS. MIRU KEY 940-LOST REAR END DURING MOBILIZATION.
	13:30 - 14:30	1.00	WC	e	80CMPL	SI 7" INTERMEDIATE CSG -0- PSIG-NIPPLE UP BOP-NOTIFIED BLM @ 17:10, 8-31-2003 OF PENDING CSG INTEGRITY TEST.
	14:30 - 19:30	5.00	CM	6	80CMPL	RU AUXILIARY EQUIPMENT.
	19:30 - 20:00	0.50	CM	z	80CMPL	SDON.
09/02/2003	07:00 - 07:30	0.50	CM	c	80CMPL	SAFETY MEETING-PRIOR TO STARTING OPERATIONS-SICP -0- PSIG.
	07:30 - 13:00	5.50	CM	6	80CMPL	RIG UP AUXILIARY EQUIPMENT.
	13:00 - 14:45	1.75	DR	z	50PRDR	SLIP, CALIPER, & TALLY 3-1/2" DC'S-SLIP & TALLY 2-7/8" DP.
	14:45 - 16:00	1.25	DR	c	50PRDR	RIG & AIR EQUIPMENT INSPECTION.
	16:00 - 17:15	1.25	WC	9	50PRDR	PT GROUND LINES T/200 PSIG -3MIN & 2000 PSIG-10 MIN (OK)-BREAK CIRCULATION THRU CHOKE MANIFOLD VIA KILL SPOOL & LOAD 7" CASING-
						NOTIFY: BLM OF PENDING CASING INTEGRITY TEST @ 17:10, 8-31-03-
						PERFORM CASING INTEGRITY TEST / PT BLIND RAMS / 7" CASING / CHOKE MANIFOLD INCREASE PRESSURE TO 250 PSIG -3MIN & 725 PSIG - 30MIN (OK).
						PT BLIND RAMS & CASING T/1800 PSIG-30MIN.
	17:15 - 20:30	3.25	DR	4	50PRDR	MU 6-1/4" VAREL TRI-CONE INSERT BIT JETTED W/ 3-20'S SN: (SN: ET014) , W/3-1/2" REG BOX x 2-3/8" IF BOX BIT SUB BORED, TAPPED, AND CONTAINING A FLOAT VALVE, W/ 14-(3-1/2") DC'S W/ 2-3/8" IF PIN x 2-7/8" IF BOX X-O SUB TBHA 428.02'-GIH W/ A TOTAL OF 96 JTS 2-7/8" IF DP CONTAINING A 2-7/8" OD X 1.875" ID F NIPPLE RUN 1-JT ABOVE DC'S & TAG TOP OF CMT @ 3378'KB.
	20:30 - 21:30	1.00	DR	6	50PRDR	RIG UP POWER SWIVEL.
	21:30 - 22:15	0.75	DR	5	50PRDR	CIRCULATE HOLE CLEAN W/ K/c PRODUCED WATER.
	22:15 - 23:30	1.25	WC	9	50PRDR	PT #2 PIPE RAMS CHOKE MANIFOLD T/250 PSIG -3MIN & 1850 PSIG -15MIN (OK)
						BLEED DOWN & CHECK FLOAT VALVE IN DRILL STRING (OK)-PT #1 PIPE RAMS, HCR VALVES TO T/500 PSIG -3MIN & 1850 PSIG -15MIN (OK)
						PT STAND PIPE, KELLY HOSE, POWER SWIVEL, TIW VALVE, AIR WATER MANIFOLD, KILL LINES TO 2000 PSIG -10MIN (OK).
						PT AIR & MIST PUMP LINES IN STAGES @ 300-500-1000-1500 PSIG (OK).
	23:30 - 00:00	0.50	DR	5	50PRDR	UNLOAD HOLE W/ AIR MIST.
	00:00 - 06:00	6.00	DR	1	50PRDR	DRILLOUT SOFT -HARD CMT F/ 3408-T/3419'KB FLOAT COLLAR, CMT, GS @ 3463'KB & OPEN HOLE SECTION F/ 3470 -T/3523'KB W/ 2.2 MMSCFD AIR & 12 BPH MIST W/ 4-8K WOB & 90 RPM'S.
						COAL INTERVALS NET FT OF COAL BGG MAX GAS UNITS
						3489-3490' 1' 5 226
						3495-3497' 2' 199 199
09/03/2003	06:00 - 14:00	8.00	DR	1	50PRDR	SAFETY MEETING-PRIOR TO STARTING OPERATIONS-
						DRILLING 6-1/4" OPEN HOLE SECTION F/3425 - T/ 3709'KB, PBTD-W/ 2.2 MMSCFD AIR & 10 BPH MIST-
						COAL INTERVALS NET FEET OF COAL BGG MAX GAS UNITS
						3489-3490' (1') 5 226
						3495-3497' (2') 199 199
						3530-3532' (2') 150 175

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Common Well Name: SAN JUAN 32-8 FRUITLAND #256A UNIT

Spud Date: 07/22/2003

Event Name: Original Completion

Start: 06/20/2003

End: 07/20/2003

Contractor Name:

Rig Release:

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Date	From - To	Hours	Code	Subco	Phase	Description of Operations
09/03/2003	06:00 - 14:00	8.00	DR	1	50PRDR	3533-3535' (2') 175 175 3557-3561' (4') 150 180 3618-3644' (26') 135 150 3658-3660' (2') 150 160 3695-3703' (8') 125 125 3758-3761' (3') 125 250 3799-3805' (6') 115 248 TOTAL NET FEET OF COAL 56'. INTERMEDIATE & DULL GRADE- SATIN TO FLAT BLACK LUSTER- COMMON SHEET CALCITE W/ RARE SMOKY QUARTZ CRYSTAL CLUSTER- W/ SMOKY QUARTZ & SHEET CALCITE GOOD INDICATION OF NATURAL FRACTURING.
	14:00 - 15:45	1.75	CM	1	80CMPL	R&R F/3835-T/3860'KB W/ 2.2 MMSCFD AIR & 10 BPH MIST- RETURNS: 1/20TH OF A BUCKET /HR OFF SAMPLER VALVE OF VERY FINE COAL (SIZE OF FRAC SAND).
	15:45 - 16:30	0.75	CM	5	80CMPL	DRY UP WELLBORE PRIOR TO FLOW TEST- <5 BWPD.
	16:30 - 17:00	0.50	CM	4	80CMPL	PULL UP INTO 7" @ 3430'KB.
	17:00 - 18:00	1.00	CM	u	80CMPL	FLOW TEST THRU 2" TIME CHOKE MANIFOLD #S PITOT #S MSCFD / CONSISTENCY
						15 MIN'S 6.0 1.5 752 / DRY 30 MIN'S 6.0 1.5 752 / DRY 45 MIN'S 6.0 1.5 752 / DRY 60 MIN'S 6.0 1.5 752 / DRY
						ISIP-13 PSIG.
	18:00 - 20:00	2.00	CM	t	80CMPL	1-HR SHUT IN PRESSURE BUILD UP AND 2HR BUILDUPS FOR NATURAL SURGE.
						15MIN 30MIN 45MIN 1HR 2HR RETURNS: PER HOUR
						SURGE # 1 155# 275# 350# 430# 600# HANDFUL OF
09/04/2003	20:00 - 06:00	10.00	CM	1	50PRDR	FINE COAL BLOW AROUND TO PIT WITH AIR MIST. PERFORM AIR ASSIST SURGES W/ 5 BBL WATER PADS T/1100 PSIG- SURGE #2 1000 PSIG RETURNS: HANDFUL / HR OF FINE COAL. SURGE #3 1000 PSIG RETURNS: HANDFUL / HR OF FINE COAL. SURGE #4 1000 PSIG RETURNS: HANDFUL / HR OF FINE COAL. SURGE #5 1100 PSIG RETURNS: HANDFUL / HR OF FINE COAL. SURGE #6 1100 PSIG RETURNS: HANDFUL / HR OF FINE COAL. SURGE #7 1100 PSIG RETURNS: HANDFUL / HR OF FINE COAL.
	06:00 - 06:30	0.50	CM	4	80CMPL	SAFETY MEETING-PRIOR TO STARTING OPERATIONS- GIH W/6-1/4" DRLG ASSEMBLY F/3430 -T/3695'KB.
	06:30 - 11:45	5.25	CM	1	80CMPL	R&R F/3695-T/3805'KB R&R DEPTH W/ 2.2 MMSCFD AIR & 10 BPH MIST- RETURNS: 1-1/2 DOWN TO 1/4 OF A BUCKET /HR OFF SAMPLER VALVE OF VERY FINE COAL (SIZE OF FRAC SAND).
	11:45 - 12:15	0.50	CM	5	80CMPL	DRY UP WELLBORE PRIOR TO FLOW TEST- <5 BWPD.
	12:15 - 12:30	0.25	CM	4	80CMPL	PULL UP TO 3554'KB.

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09/04/2003	12:30 - 18:00	5.50	RM	m	80CMPL	RIG REPAIR ROTARY DRUM CHAIN.
	18:00 - 18:30	0.50	CM	4	80CMPL	PULL UP INTO 7" CASING @ 3430'KB.
	18:30 - 19:30	1.00	CM	u	80CMPL	FLOW TEST THRU 2"
						TIME CHOKER MANIFOLD #S PITOT #S MSCFD / CONSISTENCY
						15 MIN'S 5.0 1.25 687 / DRY
						30 MIN'S 5.0 1.25 687 / DRY
						45 MIN'S 7.0 1.75 816 / DRY
						60 MIN'S 8.0 2.0 869 / DRY
						ISIP-19 PSIG.
	19:30 - 02:30	7.00	CM	t	80CMPL	1-HR SHUT IN PRESSURE BUILD UP AND 2HR BUILDUPS FOR NATURAL SURGE.
09/05/2003						15MIN 30MIN 45MIN 1HR 2HR RETURNS:
						PER HOUR
						SURGE # 8 140# 220# 320# 410# 620# 1/4 OF FINE COAL
						SURGE # 9 190# 260# 340# 420# 640# 1/4 OF FINE COAL
						BLOW AROUND TO PIT WITH AIR MIST.
	02:30 - 06:00	3.50	CM	1	50PRDR	PERFORM AIR ASSIST SURGES W/ 5 BBL WATER PADS T/1000 PSIG-
						SURGE #10 1000 PSIG RETURNS: 1/4 / HR OF FINE COAL.
						SURGE #11 1000 PSIG RETURNS: 1/4 / HR OF FINE COAL.
						SURGE #12 1000 PSIG RETURNS: 1/4 / HR OF FINE COAL.
	06:00 - 06:30	0.50	CM	4	80CMPL	SAFETY MEETING-PRIOR TO STARTING OPERATIONS-GIH W/6-1/4" DRLG ASSEMBLY F/3430 -T/3695'KB.
	06:30 - 16:30	10.00	CM	1	80CMPL	R&R F/3695-T/3805'KB R&R DEPTH W/ 2.2 MMSCFD AIR & 10 BPH MIST-
						RETURNS: 1-1/2 DOWN TO 1/4 OF A BUCKET /HR OFF SAMPLER VALVE OF 1/2" CHIPS DOWN TO VERY FINE COAL (SIZE OF FRAC SAND).
	16:30 - 17:15	0.75	CM	5	80CMPL	DRY UP WELLBORE PRIOR TO FLOW TEST-<10 BWPD.
	17:15 - 18:00	0.75	CM	4	80CMPL	PULL UP INTO 7" CASING @ 3430'KB.
	18:00 - 19:00	1.00	CM	u	80CMPL	FLOW TEST THRU 2"
						TIME CHOKER MANIFOLD #S PITOT #S MSCFD / CONSISTENCY
						15 MIN'S 5.0 1.25 687 / DRY
						30 MIN'S 7.0 1.75 816 / DRY
						45 MIN'S 7.0 1.75 816 / DAMP
						60 MIN'S 8.0 2.0 869 / DAMP
						ISIP-15 PSIG.
	19:00 - 02:00	7.00	CM	t	80CMPL	1-HR SHUT IN PRESSURE BUILD UP AND 2HR BUILDUPS FOR NATURAL SURGE.
						15MIN 30MIN 45MIN 1HR 2HR RETURNS:
						PER HOUR
						SURGE # 13 110# 200# 225# 340# 600# HANDFUL OF FINE COAL
						SURGE # 14 155# 275# 350# 430# 600# HANDFUL OF FINE COAL
						BLOW AROUND TO PIT WITH AIR MIST.
	02:00 - 06:00	4.00	CM	1	80CMPL	PERFORM AIR ASSIST SURGES W/ 5 BBL WATER PADS T/1100 PSIG-

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Date	From - To	Hours	Code	Subco	Phase	Description of Operations
09/05/2003	02:00 - 06:00	4.00	CM	1	80CMPL	SURGE #15 1100 PSIG RETURNS: HANDFUL / HR OF FINE COAL. SURGE #16 1100 PSIG RETURNS: 1/4 / HR OF FINE COAL. SURGE #17 1100 PSIG RETURNS: HANDFUL / HR OF FINE COAL. SURGE #18 1100 PSIG RETURNS: 1/4 / HR OF FINE COAL.
09/06/2003	06:00 - 06:30	0.50	CM	4	80CMPL	SAFETY MEETING-PRIOR TO STARTING OPERATIONS-GIH W/6-1/4" DRLG ASSEMBLY F/3430 -T/3572'KB.
	06:30 - 13:00	6.50	CM	1	80CMPL	R&R F/3695-T/3805'KB R&R DEPTH W/ 2.2 MMSCFD AIR & 10 BPH MIST- RETURNS: 1 DOWN TO 1/4 OF A BUCKET /HR OFF SAMPLER VALVE OF 1/4" CHIPS DOWN TO VERY FINE COAL (SIZE OF FRAC SAND). 99% COAL-
	13:00 - 13:45	0.75	CM	5	80CMPL	DRY UP WELLBORE PRIOR TO FLOW TEST- <10 BWPD.
	13:45 - 14:30	0.75	CM	4	80CMPL	PULL UP INTO 7" CASING @ 3430'KB.
	14:30 - 15:30	1.00	CM	u	80CMPL	FLOW TEST THRU 2" TIME CHOKER MANIFOLD #S PITOT #S MMSCFD / CONSISTENCY
						15 MIN'S 7.0 1.75 816 / DRY 30 MIN'S 7.0 1.75 816 / DRY 45 MIN'S 8.0 2.0 869 / DAMP 60 MIN'S 8.0 2.0 869 / DAMP
	15:30 - 21:30	6.00	CM	t	80CMPL	ISIP-16 PSIG. 1-HR SHUT IN PRESSURE BUILD UP AND 2HR BUILDUPS FOR NATURAL SURGE. 15MIN 30MIN 45MIN 1HR 2HR RETURNS: PER HOUR SURGE # 19 140# 260# 350# 420# 680# 1/4 BUCKET OF FINE COAL SURGE # 20 170# 270# 400# 480# 680# 1/4 BUCKET OF FINE COAL
	21:30 - 04:00	6.50	CM	1	80CMPL	BLOW AROUND TO PIT WITH AIR MIST. PERFORM AIR ASSIST SURGES W/ 10 BBL WATER PADS T/1100 PSIG-
						SURGE #21 1100 PSIG RETURNS: HANDFUL / HR OF FINE COAL. SURGE #22 1100 PSIG RETURNS: COUPLE OF HANDFULS / HR OF FINE COAL. SURGE #23 1100 PSIG RETURNS: COUPLE OF HANDFULS / HR OF FINE COAL. SURGE #24 1100 PSIG RETURNS: 1/4 BUCKET / HR OF FINE COAL.
	04:00 - 04:30	0.50	CM	4	80CMPL	SURGE #25 1100 PSIG RETURNS: 1/4 BUCKET / HR OF FINE COAL.
	04:30 - 06:00	1.50	CM	1	80CMPL	GIH W/ 6-1/4" DRLG ASSEMBLY F/3430 -T/3635'KB. R&R F/3635-T/3647'KB R&R DEPTH W/ 2.2 MMSCFD AIR & 10 BPH MIST- RETURNS: 2 BUCKET(S) /HR OFF SAMPLER VALVE OF VERY FINE COAL (SIZE OF FRAC SAND). 99% COAL-
09/07/2003	06:00 - 06:00	24.00	CM	1	80CMPL	SAFETY MEETING-PRIOR TO STARTING OPERATIONS-R&R F/3635-T/3677'KB R&R DEPTH W/ 2.2 MMSCFD AIR & 10 BPH MIST- RETURNS: 2 DOWN TO 1-1/2 BUCKET(S) /HR OFF SAMPLER

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 Common Well Name: SAN JUAN 32-8 FRUITLAND #256A UNIT
 Event Name: Original Completion Start: 06/20/2003 Spud Date: 07/22/2003
 Contractor Name: Rig Release: End: 07/20/2003
 Rig Name: Rig Number: Group:

Date	From - To	Hours	Code	Subco	Phase	Description of Operations
09/07/2003	06:00 - 06:00	24.00	CM	1	80CMPL	VALVE OF 1/8" CHIPS DOWN TO VERY FINE COAL (SIZE OF FRAC SAND). 99% COAL-
09/08/2003	06:00 - 15:30	9.50	CM	4	80CMPL	SAFETY MEETING-PRIOR TO STARTING OPERATIONS- R&R F/3647-T/3805'KB R&R DEPTH W/ 2.2 MMSCFD AIR & 10 BPH MIST- RETURNS: 2 DOWN TO 1/2 OF A BUCKET /HR OFF SAMPLER VALVE OF VERY FINE COAL (SIZE OF FRAC SAND). 99% COAL-
	15:30 - 16:15	0.75	CM	5	80CMPL	DRY UP WELLBORE PRIOR TO FLOW TEST- <10 BWPD.
	16:15 - 17:00	0.75	CM	4	80CMPL	PULL UP INTO 7" CASING @ 3430'KB.
	17:00 - 18:00	1.00	CM	u	80CMPL	FLOW TEST THRU 2" TIME CHOK MANIFOLD #S PITOT #S MSCFD / CONSISTENCY 15 MIN'S 10.0 2.5 970 / DRY 30 MIN'S 10.0 2.5 970 / DRY 45 MIN'S 15.0 3.75 1193 / DAMP 60 MIN'S 15.0 3.75 1193 / DAMP ISIP-23 PSIG.
	19:00 - 20:00	1.00	CM	t	80CMPL	1-HR SHUT IN PRESSURE BUILD UP AND 2HR BUILDUPS FOR NATURAL SURGE. 15MIN 30MIN 45MIN 1HR 2HR RETURNS: PER HOUR SURGE # 26 210# 325# 425# 500# 710# HANDFUL OF FINE COAL BLOW AROUND TO PIT WITH AIR MIST.
	20:00 - 06:00	10.00	CM	1	80CMPL	PERFORM AIR ASSIST SURGES W/ ALTERNATING 10-20 BBL WATER PADS T/1100 PSIG- SURGE #27 1100 PSIG RETURNS: 3/4 BUCKET / HR OF 1/8" CHIPS DOWN T/FINE COAL. SURGE #28 1000 PSIG RETURNS: 3/4 BUCKET / HR OF 1/8" CHIPS DOWN T/FINE COAL. SURGE #29 1000 PSIG RETURNS: 3/4 BUCKET / HR OF 1/8" CHIPS DOWN T/FINE COAL.
09/09/2003	06:00 - 06:30	0.50	CM	1	80CMPL	PRESSURING UP SURGE #30 T/1000 PSIG . SAFETY MEETING-PRIOR TO STARTING OPERATIONS- COMPLETE SURGE #30 T/1100 PSIG W/ 20 BBL WATER PADS-RETURNS: 3/4 OF A BUCKET/ HR VERY FINE COAL.
	06:30 - 07:00	0.50	CM	4	80CMPL	GIH W/ 6-1/4" DRLG ASSEMBLY F/3430' & TAG BRIDGE @ 3647'KB.
	07:00 - 12:00	5.00	CM	1	80CMPL	R&R F/3647-T/3677'KB R&R DEPTH W/ 2.2 MMSCFD AIR & 10 BPH MIST- RETURNS: 1-1/2 DOWN TO 1/2 OF A BUCKET /HR OFF SAMPLER VALVE OF OCCASIONAL 1" CHUNKS DOWN TO VERY FINE COAL (SIZE OF FRAC SAND). 99% COAL-
	12:00 - 12:30	0.50	CM	4	80CMPL	PULL UP T/3587'KB.
	12:30 - 12:45	0.25	CM	6	80CMPL	X-O STRIPPING RUBBER.
	12:45 - 13:15	0.50	CM	4	80CMPL	GIH W/ 6-1/4" DRLG ASSEMBLY F/3587' & TAG UP @ 3635'KB.
	13:15 - 06:00	16.75	CM	1	80CMPL	R&R F/3635-T/3770'KB R&R DEPTH W/ 2.2 MMSCFD AIR & 10 BPH MIST- RETURNS: 2 DOWN TO 1-1/2 BUCKETS /HR OFF SAMPLER VALVE OF 1/4-1/8" CHIPS DOWN TO VERY FINE COAL (SIZE OF FRAC

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Date	From - To	Hours	Code	Subco	Phase	Description of Operations
09/09/2003	13:15 - 06:00	16.75	CM	1	80CMPL	SAND). 99% COAL-
09/10/2003	06:00 - 08:00	2.00	CM	4	80CMPL	SAFETY MEETING-PRIOR TO STARTING OPERATIONS- R&R F/3770-T/3805'KB R&R DEPTH W/ 2.2 MMSCFD AIR & 10 BPH MIST- RETURNS: 1-1/2 DOWN TO 1/2 OF A BUCKET /HR OFF SAMPLER VALVE OF 1/8" CHIPS DOWN TO VERY FINE COAL (SIZE OF FRAC SAND). 99% COAL-
	08:00 - 08:30	0.50	CM	5	80CMPL	DRY UP WELLBORE PRIOR TO FLOW TEST- <10 BWPD.
	08:30 - 09:00	0.50	CM	4	80CMPL	PULL UP INTO 7" CASING @ 3430'KB.
	09:00 - 10:00	1.00	CM	u	80CMPL	FLOW TEST THRU 2" TIME CHOKE MANIFOLD #S PITOT #S MSCFD / CONSISTENCY 15 MIN'S 15.0 3.75 1178 / DRY 30 MIN'S 16.0 4.0 1236 / DRY 45 MIN'S 19.0 4.75 1340 / DRY 60 MIN'S 22.0 5.5 1450 / DAMP ISIP-40 PSIG.
	10:00 - 12:00	2.00	CM	t	80CMPL	1-HR SHUT IN PRESSURE BUILD UP AND 2HR BUILDUP. 15MIN 30MIN 45MIN 1HR 2HR SIPBU 150# 280# 400# 490# 650# BLEED WELL SLOWLY DOWN TO PIT.
	12:00 - 19:30	7.50	CM	1	80CMPL	PERFORM AIR ASSIST SURGES W/ ALTERNATING 20-10-5 BBL WATER PADS T/1100 PSIG- SURGE #31 1100 PSIG 20 BBL PADS RETURNS: HANDFUL OF FINE COAL. SURGE #32 1100 PSIG 10 BBL PADS RETURNS: HANDFUL OF FINE COAL. SURGE #33 1100 PSIG 10 BBL PADS RETURNS: HANDFUL OF FINE COAL. SURGE #34 1100 PSIG 5 BBL PADS RETURNS: INJECTED FLUID.
	19:30 - 20:00	0.50	CM	4	80CMPL	GIH W/ 6-1/4" DRLG ASSEMBLY & TAG UP @ 3620'KB.
	20:00 - 06:00	10.00	CM	1	80CMPL	R&R F/3616-T/3647'KB (LARGE 26' COAL INTERVAL F/3618-3644') W/ 2.2 MMSCFD AIR & 10 BPH MIST- RETURNS: 2+ BUCKET(S) /HR OFF SAMPLER VALVE OF FINE COAL (SIZE OF FRAC SAND). 99% COAL-
09/11/2003	06:00 - 06:00	24.00	CM	1	80CMPL	SAFETY MEETING-PRIOR TO STARTING OPERATIONS- R&R F/3616-T/3647'KB (LARGE 26' COAL INTERVAL F/3618-3644') W/ 2.2 MMSCFD AIR & 10 BPH MIST- RETURNS: 2-3+ BACK DOWN T/ 2 BUCKET(S) /HR OFF SAMPLER VALVE OF FINE COAL (SIZE OF FRAC SAND). 99% COAL-
09/12/2003	06:00 - 03:30	21.50	CM	1	80CMPL	SAFETY MEETING-PRIOR TO STARTING OPERATIONS- R&R F/3616-T/3677'KB W/ 2.2 MMSCFD AIR & 10 BPH MIST W/ 3-5 BBL/HR FOAM SWEEPS- RETURNS: 3 DOWN TO 1-1/2 BUCKET(S) /HR OFF SAMPLER VALVE OF FINE COAL (SIZE OF FRAC SAND). 99% COAL-
	03:30 - 05:15	1.75	CM	z	80CMPL	SLOUGHING COAL-WORK DRILL STRING BACK UP TO & STUCK @ 3643'-SHUT IN WELL & EQUALIZE PRESSURE TO 400 PSIG-WORK

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Date	From - To	Hours	Code	Subco	Phase	Description of Operations
09/12/2003	03:30 - 05:15 05:15 - 06:00	1.75 0.75	CM CM	z 1	80CMPL 80CMPL	STRING FREE. R&R F/3616-T/3647'KB W/ 2.2 MMSCFD AIR & 10 BPH MIST W/ 3-5 BBL/HR FOAM SWEEPS- RETURNS: 4+ BUCKET(S) /HR OFF SAMPLER VALVE OF FINE COAL (SIZE OF FRAC SAND). 99% COAL-
09/13/2003	06:00 - 06:00	24.00	CM	1	80CMPL	R&R F/3616-T/3647'KB W/ 2.2 MMSCFD AIR & 10 BPH MIST W/ 3-5 BBL/HR FOAM SWEEPS- RETURNS: 4+ DOWN T/ 1-1/2 BUCKET(S) /HR OFF SAMPLER VALVE OF FINE COAL (SIZE OF FRAC SAND). 99% COAL-
09/14/2003	06:00 - 06:00	24.00	CM	1	80CMPL	R&R F/3616-T/3770'KB W/ 2.2 MMSCFD AIR & 10 BPH MIST W/ 3-5 BBL/HR FOAM SWEEPS- RETURNS: 1-1/2 UP T/ 2 BUCKET(S) /HR OFF SAMPLER VALVE OF FINE COAL (SIZE OF FRAC SAND). 99% COAL-
09/15/2003	06:00 - 14:00 14:00 - 15:00 15:00 - 15:45 15:45 - 17:00	8.00 1.00 0.75 1.25	CM CM CM CM	1 5 4 u	80CMPL 80CMPL 80CMPL 80CMPL	SAFETY MEETING-PRIOR TO STARTING OPERATIONS- R&R F/3770-T/3805'KB R&R DEPTH W/ 2.2 MMSCFD AIR & 10 BPH MIST W/ 3-5 BBL/HR FOAM SWEEPS- RETURNS: F/2 DOWN T/1/2 OF A BUCKET /HR OFF SAMPLER VALVE OF FINE COAL (SIZE OF FRAC SAND). 99% COAL- DRY UP PRIOR TO FLOW TEST ~10:15 BHPD PULL UP INTO 7" @ 3430'KB. FLOW TEST THRU 2" TIME CHOKES MANIFOLD #S PITOT #S MSCFD / CONSISTENCY 15 MIN'S 26.0 6.5 1584 / DRY 30 MIN'S 28.0 7.0 1644 / DRY 45 MIN'S 28.0 7.0 1644 / DRY 60 MIN'S 28.0 7.0 1644 / DRY ISIP 60 PSIG BLEED WELL DOWN T/PIT. GIH W/ 6-1/4" DRLG ASSEMBLY & TAG UP @ 3647', BOTTOM OF LARGE COAL INTERVAL (3618-3644'). R&R F/3647-T/3708'KB R&R DEPTH W/ 2.2 MMSCFD AIR & 10 BPH MIST W/ 3-5 BBL/HR FOAM SWEEPS- RETURNS: F/2 DOWN T/3/4 OF A BUCKET /HR OFF SAMPLER VALVE OF FINE COAL (SIZE OF FRAC SAND). 99% COAL-
09/16/2003	17:00 - 17:30 17:30 - 06:00 06:00 - 06:00	0.50 12.50 24.00	CM CM CM	4 1 1	80CMPL 80CMPL 80CMPL	SAFETY MEETING-PRIOR TO STARTING OPERATIONS- R&R F/3677-T/3708'KB W/ 2.2 MMSCFD AIR & 10 BPH MIST W/ 3-5 BBL/HR FOAM SWEEPS- RETURNS: F/ 3/4 UP T/6+ (RUNNING COAL OUT OF INTERVAL 3618-44') AND BACK DOWN 1-1/2 BUCKET (S) /HR OFF SAMPLER VALVE OF FINE COAL (SIZE OF FRAC SAND). 99% COAL-
09/17/2003	06:00 - 14:00	8.00	CM	1	80CMPL	SAFETY MEETING-PRIOR TO STARTING OPERATIONS- R&R F/3677-T/3805'KB W/ 2.2 MMSCFD AIR & 10 BPH MIST W/ 3-5 BBL/HR FOAM SWEEPS- RETURNS: 1-1/2 DOWN T/3/4 OF A BUCKET /HR OFF SAMPLER VALVE OF FINE COAL (SIZE OF FRAC SAND). 99% COAL-

Operations Summary Report

Legal Well Name: SAN JUAN 32-8 UNIT FRUITLA 000256A

Common Well Name: SAN JUAN 32-8 FRUITLAND #256A UNIT

Spud Date: 07/22/2003

Event Name: Original Completion

Start: 06/20/2003

End: 07/20/2003

Contractor Name:

Rig Release:

Group:

Rig Name:

Rig Number:

Date	From - To	Hours	Code	Subco	Phase	Description of Operations
09/17/2003	14:00 - 15:00	1.00	CM	4	80CMPL	SHORT TRIP UP INTO 7" TO CHANGE OUT STRIPPING RUBBER-GIH & TAG @ 3647'KB.
	15:00 - 21:00	6.00	CM	1	80CMPL	R&R F/3647-T/3805'KB W/ 2.2 MMSCFD AIR & 10 BPH MIST W/ 3-5 BBL/HR FOAM SWEEPS- RETURNS: 3 DOWN T/ 1 BUCKET /HR OFF SAMPLER VALVE OF FINE COAL (SIZE OF FRAC SAND). 99% COAL-.
	21:00 - 00:00	3.00	CM	5	80CMPL	CLEANOUT 6-1/4" RATHOLE SECTION F/ 3805-T/3860' W/ 2.2 MMSCFD AIR W/ 4 GALS / 10 BBLs EMI-744 SHALE TREAT W/ 6-GALS/ 10 BBLs FOAM.
	00:00 - 06:00	6.00	CM	4	80CMPL	SHORT TRIP UP INTO 7" CASING & TAG @ 3860'KB, NO FILL-PULL & LAYDOWN 14 JTS & HANG BACK POWER SWIVEL-COOH W/ 6-1/4" DRLG ASSEMBLY.
09/18/2003	06:00 - 08:00	2.00	CS	6	50PRRC	SAFETY MEETING-PRIOR TO STARTING OPERATIONS- BREAK OUT BIT SUB & 6-1/4" VAREL BIT GRADED 1-1-WT-A-F-I-NO-TD RU TO RUN 5-1/2" LINER. MU 5-1/2" X 7" BAKER SLPR HYDRAULIC LINER HANGER ON #1 JOINT OF DRILL PIPE. MU 6-1/4" RR BIT SN: ET014 & FLOAT SUB ON 1ST JOINT OF CASING.
	08:00 - 08:30	0.50	WC	8	50PRRC	PT 5-1/2" PIPE RAMS TO 200 PSI-3MIN & 400 PSIG-10 MIN (OK).
	08:30 - 10:15	1.75	CS	4	50PRRC	GIH W/ 5-1/2" 15.5 PPF J-55 LT&C CASING / LINER AS FOLLOWS: 6-1/4" VAREL RR BIT SN: ET014 0.60' 3-1/2 REG X 5-1/2" LTC BIT SUB W/ FLOAT 1.39' 10- JTS 5-1/2" CASING 433.58' SLPR HYDRAULIC LINER HANGER W/ STEEL SLEEVE 3.18' TOTAL LINER ASSEMBLY 438.75' GIH W/ TOTAL OF 97 JTS 2-7/8" DRILLPIPE T/3455'KB, 7" SHOE @ 3463'KB.
	10:15 - 10:45	0.50	CS	6	50PRRC	RU POWER SWIVEL.
	10:45 - 13:00	2.25	CS	z	50PRRC	DRILL DOWN LINER THRU SHALE / SILTSTONE BRIDGES @ 3647 & 3770'KB- W/ 1.1 MSCFD W/ 10-12 BPH AIR MIST @ 300-350 PSIG. DRILL DOWN THRU 6-1/4" RATHOLE SECTION F/3805-T/ 3812'KB (SPENT 1-HOUR F/3811-T/3812', NO PROGRESS). PUMP 10 BBLs PRODUCED FRUITLAND COAL WATER AHEAD-DROP SETTING BALL-DISPLACE W/ 20 BBLs WATER-SET & RELEASE HYDRAULIC HANGER W/ 2500 PSIG. TOP OF LINER @ 3372'KB PBD @ 3810'KB. 6-1/4" BIT @ 3812'KB.
	13:00 - 13:45	0.75	CS	5	50PRRC	PICK UP OFF OF LINER HANGER 5' AND CIRCULATE 7" CASING CLEAN W/ AIR MIST.
	13:45 - 18:00	4.25	CS	4	50PRRC	COOH & LAYDOWN DRILL PIPE & SETTING TOOL-TRIP IN & LAYDOWN 3-1/2" DRILL COLLARS.
	18:00 - 19:00	1.00	CM	6	80CMPL	RIG DOWN POWER SWIVEL & MANUAL TONGS- RU TO PERFORATE & TO RUN 2-7/8" TBG.
	19:00 - 19:30	0.50	CM	z	80CMPL	SDON.

Legal Well Name:	SAN JUAN 32-8 UNIT FRUITLA 000256A		
Common Well Name:	SAN JUAN 32-8 FRUITLAND #256A UNIT		Spud Date: 07/22/2003
Event Name:	Original Completion	Start: 06/20/2003	End: 07/20/2003
Contractor Name:		Rig Release:	Group:
Rig Name:		Rig Number:	

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