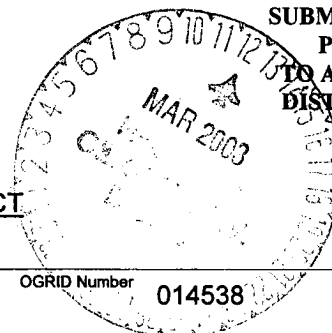


New Mexico
Energy Minerals and Natural Resources Department

Form C-140
Revised 06/99

District I - (505) 393-6161
1625 N. French Dr, Hobbs, NM 88240
District II - (505) 748-1283
1301 W. Grand Avenue, Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Road, Aztec, NM 87410
District IV - (505) 476-3440
1220 S. St. Francis Dr., Santa Fe, NM 87505

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, New Mexico 87505
(505) 476-3440



APPLICATION FOR
WELL WORKOVER PROJECT

I. Operator and Well

Operator name address Burlington Resources Oil and Gas Co. LP Box 4289, Farmington, NM 87499				OGRID Number 014538		
Contact Party Peggy Cole				Phone 505/326-9700		
Property Name SAN JUAN 28-6 UNIT			Well Number 109		API Number 3003907210	
UL B	Section 01	Township 27 N	Range 6 W	Feet From The 890 FNL	Feet From The 1460 FEL	County RIO ARRIBA

II. Workover

Date Workover Commenced 11/30/2001	Previous Producing Pool(s) (Prior to Workover): BASIN DAKOTA BLANCO MESAVERDE
Date Workover Completed: 4/1/2002	

- III. Attach a description of the Workover Procedures performed to increase production.
IV. Attach a production decline curve or table showing at least twelve months of production prior to the workover and at least three months of production following the workover reflecting a positive production increase.
V. AFFIDAVIT:

State of New Mexico)
County of San Juan) ss.
Peggy Cole, being first duly sworn, upon oath states:

- I am the Operator, or authorized representative of the Operator, of the above-referenced Well.
- I have made, or caused to be made, a diligent search of the production records reasonably available for this Well.
- To the best of my knowledge, this application and the data used to prepare the production curve and/or table for this Well are complete and accurate.

Signature Peggy Cole Title Regulatory Administrator Date 3-11-03
SUBSCRIBED AND SWORN TO before me this 11th day of March, 2003.

My Commission expires: September 15, 2004
Notary Public Nancy Altman

FOR OIL CONSERVATION DIVISION USE ONLY:

IV. CERTIFICATION OF APPROVAL:

This Application is hereby approved and the above-referenced well is designated a Well Workover Project and the Division hereby verifies the data shows a positive production increase. By copy hereof, the Division notifies the Secretary of the Taxation and Revenue Department of this Approval and certifies that this Well Workover Project was completed 04-01-2002.

Signature District Supervisor <u>Charlie T. Lewis</u>	OCD District <u>AZTEC III</u>	Date <u>3-13-2003</u>
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VII. DATE OF NOTIFICATION TO THE SECRETARY OF THE TAXATION AND REVENUE DEPARTMENT:

REG_DTL_D	BASIN DAKOTA	BLANCO MESAVERDE
3/1/2001	4177	
4/1/2001	3583	
5/1/2001	3913	
6/1/2001	3510	
7/1/2001	3398	
8/1/2001	3781	
9/1/2001	3606	
10/1/2001	3668	
11/1/2001	3414	
12/1/2001	0	
1/1/2002	3801	16206
2/1/2002	3395	14472
3/1/2002	3383	14421
4/1/2002	3679	15682
5/1/2002	3800	16198
6/1/2002	3731	15905
7/1/2002	1884	8030

Operations Summary Report

Legal Well Name: SAN JUAN 28-6 UNIT #109

Common Well Name: SAN JUAN 28-6 UNIT #109

Event Name: CAP WORKOVER

Contractor Name: DRAKE WELL SERVICE

Rig Name: DRAKE

Spud Date:

Start: 11/30/2001

End: 4/1/2002

Rig Release: 4/1/2002

Group:

Rig Number: 26

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations	
12/1/2001	14:00 - 15:00	1.00	MIMO	a	MIRU	ROAD UNIT & EQUIP. TO LOCATION	
	15:00 - 17:30	2.50	RURD	a	MIRU	SPOT IN RIG & EQUIP. R/U. DERRICK IN AIR @ 16:45. R/U 2" BLEED OFF LINE	
12/2/2001	06:30 - 06:45	0.25	SAFE	a	OBJECT	SAFETY MEETING, { 4-MAN RIG CREW }	
	06:45 - 07:45	1.00	SRIG	a	OBJECT	SICP - 325 PSI. OPEN CSG TO BLEED OFF PRESS. { WELL HEAD= OCT 10" 3K X 7-1/16 3K W/ ONE CSG VALVE }	
	07:45 - 08:15	0.50	NUND	a	OBJECT	START RIG & R/U PUMP, { PRE-HEATERS DID NOT WORK }	
	08:15 - 09:15	1.00	RURD	a	OBJECT	N/D WELL HEAD, N/U BOP. FUNCTION TEST PIPE & BLIND RAMS R/U FLOOR. UNSEAT TBG HANGER. R/U GERONIMO LINE, & SAFETY EQUIP	
	09:15 - 11:15	2.00	TRIP	a	OBJECT	TOOH W/ 240 JTS 2-3/8" TBG. FOUND TBG PARTED. LEFT ON BOTTOM, LAST 6' OF JT # 241, SN, 1 JT TBG. { BOTTOM OF JT HAD HEAVY CORROSION-POSSIBLE PERF EROSION }. NOTIFIED BR SUPERVISOR	
	11:15 - 11:30	0.25	RURD	a	OBJECT	R/U BASIN PERFORATORS	
	11:30 - 12:30	1.00	CASE	a	OBJECT	SET 4-1/2" CIBP ON WIRELINE @ 6000'. PULLED INTO TIGHT SPOT @ 2316'. WORK WIRELINE FREE. CALL FOR STRING MILL	
	12:15 - 12:45	0.50	PRES	a	OBJECT	LOAD HOLE W/ 2% KCL. PSI TEST CSG W/ 1000 PSI FOR 10 MIN. TEST OK	
	12:45 - 14:45	2.00	WAIT	a	OBJECT	WAIT ON STRING MILL	
	14:45 - 15:00	0.25	PULD	a	OBJECT	P/U 3-7/8" BIT & STRING MILL	
	15:00 - 15:30	0.50	TRIP	a	OBJECT	TIH W/ 36 STDS 2-3/8" TBG	
	15:30 - 16:00	0.50	PULD	a	OBJECT	P/U SWIVEL & 4 JTS 2-3/8" TBG. RAN STRING MILL TO 2394'. DID NOT ENGAGE TIGHT PLACE IN CSG. R/D SWIVEL	
	16:00 - 16:30	0.50	TRIP	a	OBJECT	TOOH W/ MILL	
	16:30 - 16:45	0.25	RURD	a	OBJECT	R/U BASIN WIRELINE	
	16:45 - 19:15	2.50	CASE	a	OBJECT	RUN GR-CBL-CCL F 6000' TO 3200', & GR-CCL 6000' TO SURFACE, FOUND CEMENT @ 5748', { DVT } TO 4840', & 3500' > 2970', { DVT @ 3497' },	
	12/4/2001	19:15 - 19:30	0.25	RURD	a	OBJECT	CBL RAN W/ 1000 PSI ON CSG R/D BASIN WIRELINE.
		19:30 - 19:45	0.25	PULD	a	OBJECT	CBL DROPPED OFF @ BR OFFICE
19:45 - 20:00		0.25	PRES	a	OBJECT	P/U 4-1/2" FULLBORE PKR, & 2 X 2-3/8" PUP JTS. SET PKR @ 14' R/U THREE RIVERS. PSI TEST CSG W/ 3000 PSI FOR 10 MIN. TEST OK. L/D PKR & PUP JTS	
20:00 - 20:30		0.50	SHDN	a	OBJECT	SECURE WELL. DRAIN PUMP & LINES. SDFN	
06:30 - 06:45		0.25	SAFE	a	OBJECT	SAFETY MEETING, { 4-MAN RIG CREW }	
06:45 - 07:15		0.50	WAIT	a	OBJECT	WAIT ON PERFORATORS	
07:15 - 07:30		0.25	RURD	a	OBJECT	R/U BASIN PERFORATORS	
07:30 - 08:00		0.50	PERF	a	OBJECT	PERF ONE .40 DIA. SQUEEZE HOLE @ 4000'	
08:00 - 08:15		0.25	RURD	a	OBJECT	R/D BASIN WIRELINE. P/U BAKER 4-1/2" FULL BORE PKR	
08:15 - 09:00		0.75	TRIP	a	OBJECT	TIH W/ PKR & 58 STDS 2-3/8" TBG	
09:00 - 09:15		0.25	RURD	a	OBJECT	SET PKR @ 3678'. R/U AMERICAN ENERGY CEMENTERS	
09:15 - 10:00		0.75	CEMT	a	OBJECT	LOAD 4-1/2" X 2-3/8" ANNULUS W/ FLUID. HOLD @ 500 PSI. ESTABLISH INJECT. RATE THRU SQUEEZE HOLE @ 3 BPM @ 1400 PSI W/ 15 BBLs. PUMP 200 SXS CLASS B, 2% CACL @ 2.9 BPM @ 1200 PSI. DISPLACE W/ 19.7 BBLs @ 1.5 BPM @ 400 > 1100 PSI. SI TBG @ 1000 PSI. CEMENT YIELD- 1.18 CU.FT. / SX, 15.6 PPG, 42 BBLs SLURRY	
10:00 - 13:00		3.00	WOCT	a	OBJECT	R/D AMERICAN ENERGY. WOC	
13:00 - 13:45		0.75	TRIP	a	OBJECT	RELEASE PKR. TOOH	
13:45 - 14:00		0.25	PULD	a	OBJECT	L/D PKR. P/U 3-7/8" BLADE BIT	
14:00 - 14:30		0.50	TRIP	a	OBJECT	TIH W/ 40 STDS TBG & BIT.	

Operations Summary Report

Legal Well Name: SAN JUAN 28-6 UNIT #109
 Common Well Name: SAN JUAN 28-6 UNIT #109
 Event Name: CAP WORKOVER
 Contractor Name: DRAKE WELL SERVICE
 Rig Name: DRAKE

Spud Date: 4/1/2002
 Start: 11/30/2001
 Rig Release: 4/1/2002
 Group:
 Rig Number: 26

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
12/4/2001	14:30 - 16:30	2.00	RURD	a	OBJECT	N/U 2 ND CSG VALVE, { ONLY ONE ON WELLHEAD }, R/U 4" BLOOIE LINE & AIR. SECURE WELL, SDFN, WOC
12/5/2001	06:30 - 06:45	0.25	SAFE	a	OBJECT	SAFETY MEETING, { 4-MAN RIG CREW }
	06:45 - 07:15	0.50	WAIT	a	OBJECT	WAIT ON AIR HAND
	07:15 - 07:30	0.25	BLOW	a	OBJECT	UNLOAD HOLE @ 2516' W/ 1500 SCF AIR
	07:30 - 08:00	0.50	TRIP	a	OBJECT	CONT' TO TIH. TAG CEMENT @ 4972'
	08:00 - 08:15	0.25	RURD	a	OBJECT	R/U SWIVEL
	08:15 - 09:15	1.00	DRLG	a	OBJECT	ESTABLISH CIRC W/ 1500 SCF AIR & 10 BPH MIST. D/O CEMENT F 3972' TO 4018'.
	09:15 - 09:30	0.25	RURD	a	OBJECT	R/D SWIVEL
	09:30 - 10:15	0.75	TRIP	a	OBJECT	TOOH W/ BIT
	10:15 - 10:30	0.25	PULD	a	OBJECT	P/U 3-7/8" STRING MILL
	10:30 - 11:30	1.00	TRIP	a	OBJECT	TIH W/ STRING MILL & 92 STDS 2-3/8" TBG
	11:30 - 12:00	0.50	CIRC	a	OBJECT	CIRC HOLE @ 5814' W/ 2% KCL
	12:00 - 12:15	0.25	PRES	a	OBJECT	PSI TEST CSG W/ 600 PSI FOR 10 MIN. TEST OK
	12:15 - 13:15	1.00	TRIP	a	OBJECT	TOOH W/ MILL
	13:15 - 14:30	1.25	WAIT	a	OBJECT	L/D STRING MILL & BIT. WAIT ON BASIN PERFORATORS
	14:30 - 15:15	0.75	RURD	a	OBJECT	R/U BASIN & ASSEMBLE PERF GUNS
	15:15 - 15:45	0.50	PERF	a	OBJECT	PERF PL @ 5461',5477',5486',5501',5509',5528',5541',5547',5556',5572',5579',5586',5596',5611',5621',5632', { 1 SPF }, @ 5660',5687',5695',5700',5706',5715', { 2 SPF }, W/ 3-1/8" HSC, 0.30 DIA, 22 EFFECTIVE HOLES, 28 HOLES TOTAL
	12/6/2001	15:45 - 16:00	0.25	RURD	a	OBJECT
16:00 - 16:30		0.50	TRIP	a	OBJECT	TIH W/ 4-1/2" RETRIEVAMATIC PKR & 25 STDS. POWER TONGS SHEARED DRIVE GEAR
16:30 - 17:00		0.50	RRSR	a	OBJECT	SECURE WELL. R/D POWER TONGS. SDFN
06:30 - 06:45		0.25	SAFE	a	OBJECT	SAFETY MEETING, { 4-MAN RIG CREW }
06:45 - 07:00		0.25	RURD	a	OBJECT	FUNCTION TEST PIPE RAMS
07:00 - 07:30		0.50	TRIP	a	OBJECT	R/U REPLACEMENT TONGS
07:30 - 07:45		0.25	RURD	a	OBJECT	FINISH TIH W/ PKR.
07:45 - 08:00		0.25	PRES	a	OBJECT	SET PKR @ 5005'. R/U HES
08:00 - 08:30		0.50	STIM	a	OBJECT	PRIME PUMPS & PSI TEST LINES BREAKDOWN PL PERFS @ 1515 PSI @ 2.5 BPM. ESTAB. RATE @ 8.8 BPM @ 3985 PSI. ISIP- 0 PSI. PUMP 1260 GALS 15% HCL INTERSPERSED W/ 56 BALLS. RECIEVED GOOD BALL ACTION. BALLED OFF @ 4000 PSI
08:30 - 08:45		0.25	RURD	a	OBJECT	R/D HES. RELEASE PKR
08:45 - 10:15		1.50	TRIP	a	OBJECT	TIH W/ 11 STDS TO KNOCK OFF BALLS. TOOH W/ PKR
10:15 - 10:45		0.50	RURD	a	OBJECT	L/D RETRIEVAMATIC PKR. XO TO 2-7/8". P/U 4-1/2" FULL BORE PKR & 2 X 2-7/8" BUTTRESS PUP JTS. SET PKR @ 16'. N/U FRAC VALVE & 4" FRAC LINE
10:45 - 11:45		1.00	FRAC	a	OBJECT	FRAC PL W/ 2119 BBLS SLICK WATER & 100,000 LBS 20/40 BRADY SAND @ 0.5 > 2 PPG. FLUSH W/ 86 BBLS. AIR - 45 BPM, MAX RATE - 47 BPM. AIP - 2435 PSI, MAX - 2753 PSI. ISIP - 0 PSI
11:45 - 12:15		0.50	RURD	a	OBJECT	R/D FRAC LINE, L/D PKR. R/U WIRELINE
12:15 - 12:30		0.25	CASE	a	OBJECT	SET 4-1/2" CIBP @ 5420' ON WIRELINE
12:30 - 12:45		0.25	PRES	a	OBJECT	PSI TEST CIBP W/ 1000 PSI FOR 10 MIN. TEST OK
12:45 - 13:15		0.50	PERF	a	OBJECT	PERF CH-MEN @ 4878',4888',4902',4912',4917',4929',4962',4995',5005',5017',5029',5044',5051',5071',5086',5116', { 1 SPF }, @ 5125',5139',5161',5192',5203',5242',5307',5359',5371', { 2 SPF }, W/ 3-1/8" HSC, 0.30 DIA, 26 EFFECTIVE HOLES, 34 HOLES TOTAL

Operations Summary Report

Legal Well Name: SAN JUAN 28-6 UNIT #109
 Common Well Name: SAN JUAN 28-6 UNIT #109
 Event Name: CAP WORKOVER
 Contractor Name: DRAKE WELL SERVICE
 Rig Name: DRAKE

Spud Date: 4/1/2002
 Start: 11/30/2001
 End: 4/1/2002
 Rig Release: 4/1/2002
 Group:
 Rig Number: 26

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
12/6/2001	13:15 - 13:45	0.50	RURD	a	OBJECT	R/D WIRELINE, P/U PKR. SET @ 16'. R/U FRAC LINE
	13:45 - 14:00	0.25	STIM	a	OBJECT	BREAKDOWN CH-MEN PERFS @ 1299 PSI @ 4.7 BPM. ESTABLISH RATE @ 19 BPM @ 2227 PSI W/ 998 GALS. ISIP - 260 PSI. PUMP 840 GALS 15% HCL INTERSPERSED W/ 60 BIO-BALLS. RECIEVED GOOD BALL ACTION. DID NOT HAVE COMPLETE BALL OFF. MAX PRESS- 2490 PSI
	14:00 - 14:15	0.25	FLOW	a	OBJECT	SURGE OFF FRAC BALLS
12/7/2001	14:15 - 15:15	1.00	FRAC	a	OBJECT	FRAC CH-MEN W/ 2108 BBLS SLICK WTR, & 100,000 LBS 20/40 BRADY SAND, 0.5 > 2 PPG. FLUSH W/ 77 BBLS. AIR - 46 BPM, MAX RATE - 49 BPM, AIP- 2608 PSI, MAX - 3000 PSI. ISIP - 615, 5 MIN - 517 PSI. PKR STARTED LEAKING ON LAST 5 BBLS OF FLUSH, ATTEMPT TO SI WELL
	15:15 - 18:30	3.25	FRAC	a	OBJECT	FLOW WELL BACK THRU PKR TO BLEED OFF PRESS, { FLUID LEAKING AROUND PKR -DROPPED SAND ON BACKSIDE OF PKR }. ATTEMPT TO RELEASE PKR, ATTEMPT FAILED. SI & SECURE WELL. PREPARE TO CIRC SAND OFF OF PKR
	06:30 - 06:45	0.25	SAFE	a	OBJECT	SAFETY MEETING, { 4-MAN RIG CREW }
12/8/2001	06:45 - 07:45	1.00	RURD	a	OBJECT	R/U SWIVEL & PUMP
	07:00 - 08:30	1.50	PCKR	a	OBJECT	LOAD HOLE W/ 20 BBLS 2% KCL. ESTABLISH CIRC AROUND PKR. ATEMPT TO RELEASE PKR. UNABLE TO BUILD TORQUE IN PKR BY ROTATING LEFT OR RIGHT. UNABLE TO DRIVE PKR DOWN OR PULL UP.
	08:30 - 09:00	0.50	RURD	a	OBJECT	RELEASE FRAC CREW
	09:00 - 13:00	4.00	NUND	a	OBJECT	R/D SWIVEL
	13:00 - 14:00	1.00	WAIT	a	OBJECT	DIG OUT & N/D TBG HEAD. ATTEMPT TO VISUAL INSPECT TOP OF PKR, { 6' DOWN }, UNABLE TO DETERMINE PKR PROBLEM
	14:00 - 16:00	2.00	PCKR	a	OBJECT	WAIT FOR EVALUATION, { PHONE SYSTEM NOT WORKING }. CALL FOR DC'S,BUMPER SUB,
	16:00 - 16:30	0.50	SHDN	a	OBJECT	ATTEMPT TO PULLCSG SLIPS @ 60K. DID NOT GET TO PULL FREE. N/U WELL HEAD & BOP
12/9/2001	06:30 - 07:00	0.50	SRIG	a	OBJECT	SECURE WELL, SDFN
	07:00 - 07:45	0.75	RURD	a	OBJECT	CALL FOR WIRELINE BACKOFF SHOT & CSG CREW
	07:45 - 09:00	1.25	RURD	a	OBJECT	SERVICE & START RIG & PUMP
	09:00 - 09:15	0.25	SAFE	a	OBJECT	R/U WIRELINE SPECIALITIES. RUN CCL. FOUND CSG COLLAR @ 10', 41' & 73'
	09:15 - 10:30	1.25	FISH	a	OBJECT	R/U TO CUT 2-7/8" TBG @ TOP OF PKR
	10:30 - 11:15	0.75	NUND	a	OBJECT	SAFETY MEETING, 10 PEOPLE PRESENT, { HAZARDS OF CHEMICAL CUT @ SHALLOW DEPTHS }
	11:15 - 12:45	1.50	FISH	a	OBJECT	MADE 2 ATTEMPTS TO CUT 2-7/8" . WORK TBG FREE @ 1' ABOVE PKR
	12:45 - 13:45	1.00	NUND	a	OBJECT	N/D TBG HEAD & BOP. REMOVE BIT GUIDE FROM TH.
12/9/2001	13:45 - 15:00	1.25	FISH	a	OBJECT	R/U CSG SPEAR. P/U 4-1/2" CSG W/ 125K TO REMOVE SLIPS. SLACK-OFF ON CSG
	15:00 - 15:30	0.50	SHDN	a	OBJECT	N/U TBG HEAD & BOP. R/U FLOOR
	06:30 - 07:15	0.75	SRIG	a	OBJECT	R/U STRING SHOT. SPEAR INTO 4-1/2" CSG. MADE ATTEMPTS TO BACK OFF CSG @ 41'. BROKE TANG ON SPEAR GRAPPLE. DID NOT BREAK CSG JT FREE.
12/9/2001	07:15 - 08:00	0.75	NUND	a	OBJECT	SECURE WELL, SDFN. { BAKER DID NOT HAVE EXTRA GRAPPLE IN INVENTORY-CALLED FOR EXTRA GRAPPLES.
	08:00 - 08:15	0.25	SAFE	a	OBJECT	PREPARE TO WELD ON BELL NIPPLE & 4-1/2" LANDING SUB
						SERVICE & START RIG & PUMP
						N/D TBG HEAD & BOP
						HOLD SAFETY MEETING PRIOR TO WELDING ON WELL HEAD.

Operations Summary Report

Legal Well Name: SAN JUAN 28-6 UNIT #109
 Common Well Name: SAN JUAN 28-6 UNIT #109
 Event Name: CAP WORKOVER
 Contractor Name: DRAKE WELL SERVICE
 Rig Name: DRAKE
 Spud Date: 4/1/2002
 Start: 11/30/2001
 End: 4/1/2002
 Rig Release: 4/1/2002
 Group:
 Rig Number: 26

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations	
12/9/2001	08:00 - 08:15	0.25	SAFE	a	OBJECT	SET UP FIRE WATCH. MONITOR CSG & WELL HEAD FOR GAS. EXPLAIN PROCEDURE. { 8 PEOPLE PRESENT }	
	08:15 - 09:30	1.25	RURD	a	OBJECT	PULL UP ON CSG. WELD ON 4-1/2" BELL NIPPLE & LANDING JT.	
	09:30 - 10:15	0.75	NUND	a	OBJECT	N/U TBG HEAD & BOPE	
	10:15 - 11:00	0.75	RURD	a	OBJECT	R/U CSG CREW & WIRELINE SPECIALITIES.	
	11:00 - 11:15	0.25	PUMP	a	OBJECT	LOAD HOLE W/ 15 BBLs 2% KCL.	
	11:15 - 12:15	1.00	PULD	a	OBJECT	BACK-OFF CSG @ 41' W/ STRING SHOT. L/D 10' X 4-1/2" CUT-OFF & 31' JT 4-1/2" CSG W/ PKR. FOUND HOLE WASHED IN CSG @ TOP OF PKR, { UNLOADER VALVE }.	
	12:15 - 12:45	0.50	CASE	a	OBJECT	SET 4-1/2" CIBP ON WIRELINE @ 4800', { BOTTOM LEWIS PERF @ 4751' }	
	12:45 - 13:15	0.50	PULD	a	OBJECT	P/U 10' X 4-1/2", 10.5# PUP JT, & 42' X 4-1/2", 10.5# CSG JT. TIE-BACK INTO CSG STRING	
	13:15 - 13:45	0.50	PRES	a	OBJECT	R/U PUMP. PSI TEST CSG. TEST FAILED @ 1250 PSI. ESTABLISHED RATE @ 2.8 BPM @ 1250 PSI W/ 12 BBLs. DID NOT HAVE RETURNS THRU 4-1/2" X 7-5/8" ANNULUS OR BH.	
	13:45 - 14:15	0.50	RURD	a	OBJECT	LAND 4-1/2" CSG W/ 10K ON SLIPS. CUT-OFF CSG	
	14:15 - 15:45	1.50	NUND	a	OBJECT	N/U 10" 3K X 7-1/16 5K FRAC HEAD & BOP. { ORIGINAL TBG HEAD SENT TO CAMERON FOR REPAIRS }	
	15:45 - 17:00	1.25	RURD	a	OBJECT	R/U FLOOR. REPAIR & XO PIPE RAMS. FUNCTION TEST PIPE & BLIND RAMS. XO TO 4 LINES. CLEAN UP LOCATION. PREPARE TO P/U PKR TO ISOLATE CSG LEAK.	
	12/11/2001	06:30 - 06:45	0.25	SAFE	a	OBJECT	SAFETY MEETING, { 4-MAN RIG CREW }
		06:45 - 07:15	0.50	SRIG	a	OBJECT	SERVICE & START RIG & PUMP.
07:15 - 07:30		0.25	PULD	a	OBJECT	P/U 4-1/2" FULL BORE PKR.	
07:30 - 08:30		1.00	TRIP	a	OBJECT	FUNCTION TEST PIPE & BLIND RAMS	
08:30 - 09:15		0.75	PRES	a	OBJECT	TIH W/ 63 STDS 2-3/8" TBG & PKR. SET PKR @ 3982'	
						PSI TEST ANNULUS W/ 2000 PSI. TEST OK. R/U TO TBG. PSI TEST UNDER PKR. TEST FAILED @ 800 PSI @ 1.5 BPM. MOVE PKR TO 4110'. PSI TEST UNDER PKR W/ 2000 PSI. TEST OK.	
						CSG LEAKING THRU SQUEEZE HOLE @ 4000'	
09:15 - 10:00		0.75	TRIP	a	OBJECT	RELEASE PKR. TOOH	
10:00 - 10:15		0.25	PULD	a	OBJECT	L/D PKR	
10:15 - 11:00		0.75	NUND	a	OBJECT	N/D BOP. N/U 5K X 4-1/2" FRAC VALVE	
11:00 - 11:15		0.25	RURD	a	OBJECT	R/U BASIN PERFORATORS	
11:15 - 12:15		1.00	PERF	a	OBJECT	PERF LEWIS INTERVAL @ 4060', 4079', 4089', 4097', 4112', 4142', 4172', 4219', 4269', 4279', 4298', 4311', 4318', 4328', 4338', 4360', 4369', 4429', 4436', 4450', 4458', 4465', 4474', 4501', 4521', 4544', 4574', 4587', 4621', 4651', 4684', 4715', 4715', 4726', 4751', W/ 3-1/8" HSC, 1 SPF, 0.30 DIA, 34 HOLES TOTAL	
12:15 - 13:15		1.00	RURD	a	OBJECT	R/U 2" FLOW BACK LINE. WINTERIZE PUMP & LINES. SDFD. WAITING ON FRAC CREW.	
12/12/2001		06:30 - 10:30	4.00	WAIT	a	OBJECT	PUMP TIME SCHEDULED FOR 8:00 AM, 12/11/01
	10:30 - 12:00	1.50	RURD	a	OBJECT	WAIT ON FRAC CREW	
	12:00 - 12:15	0.25	PRES	a	OBJECT	R/U HES FRAC CREW	
	12:15 - 12:30	0.25	STIM	a	OBJECT	PRIME PUMPS & PSI TEST LINES	
	12:30 - 13:15	0.75	SAFE	a	OBJECT	FORMATION BROKE DOWN WHEN PERFORATING. ESTABLISH RATE @ 10 BPM @ 900 PSI. PUMP 1050 GALS 15% HCL INTERSPERSED W/ 80 X 7/8" BIO-BALLS. DISPLACED @ 23 BPM @ 1559 PSI. DID NOT HAVE BALL ACTION	
					HOLD SAFETY MEETING & WAIT ON FRAC BALLS. TOPIC- FRAC		

Operations Summary Report

Legal Well Name: SAN JUAN 28-6 UNIT #109
 Common Well Name: SAN JUAN 28-6 UNIT #109
 Event Name: CAP WORKOVER
 Contractor Name: DRAKE WELL SERVICE
 Rig Name: DRAKE
 Start: 11/30/2001
 Rig Release: 4/1/2002
 Spud Date: 4/1/2002
 End: 4/1/2002
 Group:
 Rig Number: 26

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations	
12/12/2001	12:30 - 13:15	0.75	SAFE	a	OBJECT	PROCEDURE & MAX PRESSURE. 32 PEOPLE PRESENT FRAC LEWIS FORMATION W/ 613 BBLs, 20# LINEAR GEL, 75 QUALITY FOAM, & 200,000 LBS 20/40 BRADY SAND, 1 > 3 PPG. FLUSH W/ 22 FLUID BBLs & 30,537 SCF N2. AIR -40 BPM, MAX RATE -40 BPM, AIP - 2642, MAX PSI - 2720. ISIP -1860	
	13:15 - 14:15	1.00	FRAC	a	OBJECT		
12/12/2001	14:15 - 16:15	2.00	RURD	a	OBJECT	R/D HES. N/U FLOW BACK LINE. START FLOW BACK THRU 16/64 CHOKE. SICP- 1400 PSI TIME---PSI---CHOKE---RETURNS	
	16:15 - 06:00	13.75	FLOW	a	OBJECT		
12/13/2001						17:00 1580 16/64 DENSE MIST,LITE SAND	
						18:00 1560 16/64 DENSE MIST,LITE SAND	
						19:00 1540 16/64 DENSE MIST,MED SAND	
						20:00 1520 16/64 DENSE MIST,MED SAND	
						21:00 1520 16/64 DENSE MIST,LITE SAND,XO TO 20/64	
						22:00 1480 20/64 DENSE MIST,TRACE SAND	
						23:00 1400 20/64 DENSE MIST,TRACE SAND,XO TO 24/64	
						24:00 1280 24/64 DENSE MIST,TRACE SAND	
						01:00 1200 24/64 DENSE MIST,TRACE SAND,XO TO 32/64	
						02:00 860 32/64 DENSE MIST,LITE SAND	
						03:00 670 32/64 DENSE MIST,LITE SAND	
						04:00 520 32/64 DENSE MIST,HVY SAND,XO TO 24/64	
		06:00 - 10:30	4.50	FLOW	a	OBJECT	FLOW BACK WELL TIME---PSI---CHOKE---RETURNS
							06:00 560 24/64 DENSE MIST,LITE SAND
							08:00 385 24/64 DENSE MIST,TRACE OF SAND.XO TO 32/64
						09:00 210 32/64 DENSE MIST,TRACE SAND.XO TO 48/64	
						09:45 125 48/64 DENSE MIST,TRACE SAND. OPEN THRU 2"	
						10:30 50 2" SURGING DRY GAS, THEN SLUG OF FRAC FLUID	
	10:30 - 10:45	0.25	KILL	a	OBJECT	KILL CSG W/ 50 BBLs 2% KCL	
	10:45 - 11:45	1.00	NUND	a	OBJECT	N/D FRAC HEAD. N/U 10" 3K X 7-1/16" 3K TBG HEAD & BOP	
	11:45 - 12:15	0.50	RURD	a	OBJECT	R/U FLOOR & BLOOIE LINE	
	12:15 - 12:30	0.25	PULD	a	OBJECT	P/U 3-7/8" 5-BLADED MILL & BIT-SUB	
	12:30 - 13:30	1.00	TRIP	a	OBJECT	TIH W/ 72 STDS 2-3/8" TBG. TAG FILL @ 4541'	
	13:30 - 14:45	1.25	WAIT	a	OBJECT	UNABLE TO START AIR BOOSTER. CALL FOR MECHANIC. FOUND DROPPED VALVE IN BOOSTER ENGINE. CALL FOR REPLACEMENT BOOSTER	
	14:45 - 20:00	5.25	WAIT	a	OBJECT	WAIT FOR REPLACEMENT BOOSTER. RIG CREW RELEASED @ 16:00 HRS WELL UNLOADED NATURAL @ 17:00 HRS.	
	20:00 - 06:00	10.00	BLOW	a	OBJECT	RETURNS- 42 > 10 BPH FRAC WTR W/ TRACE SAND STARTED AIR EQUIP. UNLOAD WELL, RECOVERED APPROX 30 BBLs FLUID. BLOW WELL W/ 700 SCF AIR. RETURNS - 17 BPH > 7 BPH W/ TRACE SAND	
12/14/2001	06:00 - 06:45	0.75	BLOW	a	OBJECT	BLOW WELL W/ 700 SCF AIR. RETURNS- 7.3 BPH FRAC FLUID W/ TRACE SAND	
	06:45 - 07:00	0.25	SAFE	a	OBJECT	SAFETY MEETING, { 4 MAN RIG CREW }	
	07:00 - 07:15	0.25	RURD	a	OBJECT	R/U SWIVEL	
	07:15 - 07:45	0.50	WAIT	a	OBJECT	FUNCTION TEST PIPE RAMS	
	07:45 - 09:45	2.00	COUT	a	OBJECT	START AIR EQUIP. THAW OUT MIST PUMP	
	09:45 - 11:30	1.75	DRLG	a	OBJECT	ESTABLISH CIRC W/ 1500 SCF AIR & 10 BPH MIST. C/O FILL FROM 4501' TO 4800' INCREASE MIST RATE TO 12 BPH. D/O CIBP @ 4800'	

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 Contractor Name: DRAKE WELL SERVICE
 Rig Name: DRAKE
 Start: 11/30/2001
 Rig Release: 4/1/2002
 Rig Number: 26
 Spud Date: 4/1/2002
 End: 4/1/2002
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations	
12/14/2001	11:30 - 12:00	0.50	BLOW	a	OBJECT	BLOW WELL @ 4815' W/ 1500 SCF AIR. RETURNS - 28 BPH WTR W 1/2 CUP SAND	
	12:00 - 12:15	0.25	RURD	a	OBJECT	R/D SWIVEL	
	12:15 - 12:30	0.25	TRIP	a	OBJECT	CONT' TO TIH. TAG @ 5169'	
	12:30 - 12:45	0.25	RURD	a	OBJECT	R/U SWIVEL	
	12:45 - 15:00	2.25	COU	a	OBJECT	ESTABLISH CIRC W/ 1500 SCF AIR & 12 BPH MIST. DRILL UP BOTTOM OF CIBP & C/O TO 5420'	
	15:00 - 16:30	1.50	DRLG	a	OBJECT	D/O CIBP @ 5420'	
	16:30 - 17:15	0.75	BLOW	a	OBJECT	BLOW WELL @ 5420' W/ 1500 SCF AIR. RETURNS- 4.5 BPH WTR W/ 1/4 CUP SAND	
	17:15 - 17:45	0.50	RURD	a	OBJECT	R/D SWIVEL. PULL UP	
	17:45 - 06:00	12.25	FLOW	a	OBJECT	FLOW WELL NATURAL. RETURNS @ TIME----WATER----SAND 18:30 9.8 BPH 1/2 CUP 20:30 7.6 BPH 1/4 CUP 22:30 7.1 BPH 1/4 CUP 00:30 6.3 BPH 1/8 CUP 02:30 4.8 BPH 1/8 CUP 04:30 4.5 BPH 1/8 CUP	
	12/15/2001	06:00 - 07:15	1.25	TEST	a	OBJECT	FLOW THRU 2". OBTAIN PITOT GAUGE= TIME----PSI----MCF 06:15 10 1948 06:30 9 1865 {V.LITE MIST } 06:45 10 1948 {V.LITE MIST } 07:00 10 1948 { LITE MIST } 07:15 10 1948 { LITE MIST }
07:15 - 07:30		0.25	TRIP	a	OBJECT	FUNCTION TEST PIPE RAMS	
07:30 - 07:45		0.25	RURD	a	OBJECT	CONT' TO TIH. TAG FILL @ 5618'	
07:45 - 08:15		0.50	CIRC	a	OBJECT	R/U SWIVEL	
08:15 - 10:15		2.00	COU	a	OBJECT	ESTABLISH CIRC W/ 1500 SCF AIR & 12 BPH MIST.	
10:15 - 12:30		2.25	DRLG	a	OBJECT	DRILL UP BOTTOM OF CIBP & C/O TO CIBP @ 6000'	
12:30 - 13:15		0.75	CIRC	a	OBJECT	D/O CIBP @ 6000'	
13:15 - 13:30		0.25	RURD	a	OBJECT	BLOW WELL @ 6000' W/ 1500 SCF AIR	
13:30 - 14:00		0.50	TRIP	a	OBJECT	R/D SWIVEL	
14:00 - 14:15		0.25	RURD	a	OBJECT	CONT' TO TALLY TBG & TIH. TAG @ 7611'	
14:15 - 14:45		0.50	CIRC	a	OBJECT	R/U SWIVEL	
14:45 - 15:45		1.00	MILL	a	OBJECT	ESTABLISH CIRC W/ 1500 SCF AIR & 15 BPH MIST	
						OBJECT	MILL ON BOTTOM OF CIBP & JUNK TBG 7611' TO 7616' { TOP OF SN }
							CALL FOR WASH PIPE
15:45 - 16:15		0.50	CIRC	a	OBJECT	BLOW WELL @ 7616' W/ 1500 SCF & 5 BPH MIST. RETURNS - 12.2 BPH WTR W/ TRACE SAND	
16:15 - 16:30		0.25	RURD	a	OBJECT	R/D SWIVEL. PULL UP 85'	
16:30 - 20:00		3.50	BLOW	a	OBJECT	BLOW WELL @ 7531' W/ 700 SCF AIR & 5 BPH MIST. RETURNS @ TIME----WATER----SAND 17:00 17 BPH TRACE 18:00 14 BPH TRACE 19:00 9.6 BPH TRACE 20:00 1.5 BPH TRACE	
20:00 - 22:00		2.00	FLOW	a	OBJECT	FLOW WELL NATURAL. RETURNS @ TIME----WATER----SAND 21:00 5.5 BPH TRACE 22:00 5.0 BPH TRACE	

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 Rig Name: DRAKE
 Start: 11/30/2001
 Rig Release: 4/1/2002
 Rig Number: 26
 Spud Date: 4/1/2002
 End: 4/1/2002
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
12/15/2001	22:00 - 00:00	2.00	BLOW	a	OBJECT	BLOW WELL W/ 700 SCF AIR. RETURNS- 7 BPH > 1.5 BPH W/ TRACE SAND
	00:00 - 02:00	2.00	FLOW	a	OBJECT	FLOW WELL NATURAL. RETURNS- 4.7 BPH W/ TRACE SAND
	02:00 - 04:00	2.00	BLOW	a	OBJECT	BLOW WELL W/ 700 SCF AIR. RETURNS- 3 > 1.5 BPH W/ TRACE SAND
12/16/2001	04:00 - 06:00	2.00	FLOW	a	OBJECT	FLOW WELL NATURAL. RETURNS - 4.0 BPH W/ TRACE SAND
	06:00 - 07:00	1.00	BLOW	a	OBJECT	BLOW WELL @ 7531' W/ 700 SCF AIR. RETURNS - 1.5 BPH WTR W/ TRACE SAND
	07:00 - 07:15	0.25	SAFE	a	OBJECT	SAFETY MEETING, { 4-MAN RIG CREW }
	07:15 - 07:30	0.25	PULD	a	OBJECT	P/U 3 EXTRA JTS TO TAG. HAD NO FILL
	07:30 - 09:00	1.50	TRIP	a	OBJECT	TOOH W/ MILL
	09:00 - 09:15	0.25	KILL	a	OBJECT	KILL WELL W/ 60 BBLS 2% KCL
	09:15 - 09:45	0.50	PULD	a	OBJECT	P/U 3-3/4" ROTARY SHOE, 31' JT WP, 3-1/8" JARS, & 4 X 3-1/8" DC'S
	09:45 - 10:30	0.75	TRIP	a	OBJECT	TIH W/ BHA & 48 STDS 2-3/8" TBG
	10:30 - 11:00	0.50	BLOW	a	OBJECT	UNLOAD & BLOW WELL @ 3191' W/ 1500 SCF AIR
	11:00 - 12:00	1.00	TRIP	a	OBJECT	CONT' TO TIH TO 7585' W/ WP ASSEMBLY
	12:00 - 12:30	0.50	RURD	a	OBJECT	R/U SWIVEL. THREAD-END BROKE ON KELLY HOSE. R/U GROUND HOSES
	12:30 - 13:30	1.00	BLOW	a	OBJECT	ATTEMPT TO UNLOAD HOLE @ 7585' W/ 1500 SCF AIR. PRESS UP TO 1400 PSI W/ AIR. BLEED OFF PSI. PULL 15 STDS, UNABLE UNLOAD WELL. POSSIBLE PLUGGED INSERT FLOAT WELL FLOWING NATURAL. RETURNS- 9.8 BPH WTR W/ 1 CUP SAND
	13:30 - 15:00	1.50	TRIP	a	OBJECT	TOOH TO DC'S
	15:00 - 15:15	0.25	KILL	a	OBJECT	KILL WELL @ 80 BBLS 2% KCL
	15:15 - 15:45	0.50	PULD	a	OBJECT	STAND BACK DC'S, L/D WP. FOUND INSERT FLOAT & JARS FULL OF SAND
	15:45 - 16:00	0.25	KILL	a	OBJECT	P/U EXPEND CK & NC. KILL WELL W/ 30 BBLS
	16:00 - 17:45	1.75	TRIP	a	OBJECT	TIH W/ 76 STDS 2-3/8" TBG
17:45 - 06:00	12.25	FLOW	a	OBJECT	FLOW WELL NATURAL, { CANNOT PUMP THRU EXPEND CK }, RETURNS @ TIME---WATER---SAND 18:30 21.5 BPH 1/2 CUP 20:00 20.0 BPH 1/2 CUP 23:00 14.6 BPH 1/8 CUP 01:00 9.3 BPH 1/8 CUP 03:00 8.0 BPH 1/8 CUP 05:00 8.0 BPH 1/8 CUP	
12/17/2001	06:00 - 06:00	24.00	FLOW	a	OBJECT	FLOW WELL NATURAL. RETURNS @ TIME---WATER---SAND 06:00 7.5 BPH 1/8 CUP 10:00 3.8 BPH TRACE 12:00 2.5 BPH TRACE 14:00 2.5 BPH TRACE 16:00 2.3 BPH TRACE 18:00 2.3 BPH TRACE 20:00 2.0 BPH TRACE 22:00 2.0 BPH TRACE 00:00 2.0 BPH TRACE 02:00 2.0 BPH TRACE 04:00 2.0 BPH TRACE
12/18/2001	06:00 - 07:30	1.50	FLOW	a	OBJECT	FLOW WELL NATURAL. RETURNS- 1.8 BPH W/ TRACE SAND. PITOT GAUGE -1 520 MCF, { 6 PSI ON 2" }

Operations Summary Report

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 Common Well Name: SAN JUAN 28-6 UNIT #109
 Event Name: CAP WORKOVER
 Contractor Name: DRAKE WELL SERVICE
 Rig Name: DRAKE

Spud Date: 4/1/2002
 Start: 11/30/2001 End: 4/1/2002
 Rig Release: 4/1/2002 Group:
 Rig Number: 26

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations		
12/18/2001	07:30 - 08:30	1.00	TRIP	a	OBJECT	TOOH W/ TBG. { FOUND EXPEND. CK PLUGGED W/ SCALE } R/U PUMP. { FLUID END LEAKING, TEAR DOWN & REPAIR O-RINGS } KILL CSG W/ 50 BBLs 2% KCL RUN DC'S OUT OF DERRICK & L/D RUN 24 STDS TBG, HVY SCALE FALLING OUT OF TBG. RUN BROACH, THEN PUMP OFF EXPEND CK. RUN REMAINING TBG & BROACH. TAG 75' OF FILL. WELL FLOWING 8.5 BPH WTR W/ 1 CUP SAND R/U SWIVEL ESTABLISH CIRC W/ 1500 SCF AIR & 10 BPH MIST. C/O TO TOP OF FISH @ 7616'. BLOW WELL R/U THREE RIVERS. SPOT 500 GALS 15% HCL @ 7600' BLOW WELL W/ 1500 SCF AIR & 5 BPH MIST. RECOVER ACID, THEN PUMP 5 BBL SWEEP ALTERNATE FLOW WELL NATURAL 2 HRS, THEN PUMP 5 BBL SWEEP & UNLOAD W/ AIR. RETURNS @ TIME---WATER---SAND 17:30 6.0 BPH 1/4 CUP 18:00 5.7 BPH 1/8 CUP 19:00 > 20:00 PUMP SWEEP & BLOW WELL 21:00 5.5 BPH 1/8 CUP 22:00 5.0 BPH 1/8 CUP 23:00 > 00:00 PUMP SWEEP & BLOW WELL 01:00 4.2 BPH TRACE 02:00 4.2 BPH TRACE 02:00 > 03:00 PUMP SWEEP & BLOW WELL 04:00 4.5 BPH TRACE 05:00 4.2 BPH TRACE		
	08:30 - 09:30	1.00	RRSR	a	OBJECT			
	09:30 - 09:45	0.25	KILL	a	OBJECT			
	09:45 - 10:15	0.50	PULD	a	OBJECT			
	10:15 - 13:00	2.75	TRIP	a	OBJECT			
	13:00 - 13:15	0.25	RURD	a	OBJECT			
	13:15 - 15:00	1.75	COUT	a	OBJECT			
	15:00 - 15:30	0.50	SPOT	a	OBJECT			
	15:30 - 16:45	1.25	BLOW	a	OBJECT			
	16:45 - 06:00	13.25	FLOW	a	CLEAN			
	12/19/2001	06:00 - 06:45	0.75	FLOW	a		CLEAN	FLOW WELL NATURAL. RETURNS-5.7 BPH W/ 1/4 CUP SAND SAFETY MEETING, { 4-MAN RIG CREW } REPLACE WASHED OUT BLOOIE LINE SWING. FUNCTION TEST PIPE RAMS PUMP 5 BBL KILL IN TBG. P/U EXTRA TBG. TAG 52' OF FILL R/U SWIVEL ESTABLISH CIRC W/ 1500 SCF AIR & 10 BPH MIST. C/O TO 7616'. PUMP 5 BBL SWEEP PULL UP. FLOW WELL NATURAL. RETURNS @ TIME---WATER---SAND 10:00 8.4 BPH 1-1/2 CUPS 10:30 7.4 BPH 2 CUPS 11:00 5.8 BPH 1/2 CUP 12:00 5.6 BPH 1/4 CUP 13:00 5.0 BPH 1/8 CUP TAG 12' OF FILL. ESTABLISH CIRC W/ 1500 SCF AIR & 8 BPH MIST. C/O TO 7616'. PUMP 5 BBL SWEEP. RECOVERING HVY SAND IN SWEEP RETURNS R/D SWIVEL. PULL UP 124' FLOW WELL NATURAL. RETURNS- 3.5 BPH WTR W/ TRACE SAND PUMP 10 BBL SWEEP. UNLOAD WELL W/ 1500 SCF AIR. RECOVER 1/4 SAND IN BUCKET GAUGE BEHIND SWEEP FLOW WELL NATURAL. RETURNS - 3.0 BPH WTR W/ TRACE SAND PUMP 10 BBL SWEEP. UNLOAD WELL W/ 1500 SCF AIR. RECIEVED
		06:45 - 07:00	0.25	SAFE	a		OBJECT	
		07:00 - 07:30	0.50	RURD	a		OBJECT	
		07:30 - 07:45	0.25	PULD	a		OBJECT	
07:45 - 08:00		0.25	RURD	a	OBJECT			
08:00 - 09:30		1.50	COUT	a	CLEAN			
09:30 - 13:00		3.50	FLOW	a	CLEAN			
13:00 - 14:30		1.50	COUT	a	CLEAN			
14:30 - 14:45		0.25	RURD	a	OBJECT			
14:45 - 18:30		3.75	FLOW	a	CLEAN			
18:30 - 19:30		1.00	BLOW	a	CLEAN			
19:30 - 23:00		3.50	FLOW	a	CLEAN			
23:00 - 00:00		1.00	BLOW	a	CLEAN			

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 Start: 11/30/2001
 Rig Release: 4/1/2002
 Spud Date: 4/1/2002
 End: 4/1/2002
 Group:
 Rig Number: 26

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
12/19/2001	23:00 - 00:00	1.00	BLOW	a	CLEAN	1/4 CUP SAND IN BUCKET GAUGE BEHIND SWEEP
	00:00 - 03:30	3.50	FLOW	a	CLEAN	FLOW WELL NATURAL. RETURNS - 1.5 BPH WTR W/ TRACE SAND
	03:30 - 04:30	1.00	BLOW	a	CLEAN	PUMP 10 BBL SWEEP. RECIEVED 1/8 CUP SAND IN BUCKET GAUGE FOLLOWING SWEEP
12/20/2001	04:30 - 06:00	1.50	FLOW	a	CLEAN	FLOW WELL NATURAL. RETURNS - 1.5 BPH WTR W/ TRACE SAND
	06:00 - 06:45	0.75	FLOW	a	CLEAN	FLOW WELL NATURAL. RETURNS - 1.5 BPH WTR W/ TRACE SAND
	06:45 - 07:00	0.25	SAFE	a	OBJECT	SAFETY MEETING, { 4-MAN RIG CREW }
	07:00 - 07:30	0.50	RURD	a	CLEAN	P/U EXTRA TBG, TAG 35' OF FILL. R/U SWIVEL
	07:30 - 09:00	1.50	COUT	a	CLEAN	ESTABLISH CIRC W/ 1500 SCF AIR & 8 BPH MIST. C/O TO 7616'. PUMP 5 BBL SWEEP. RECIEVED 1-1/2 GALS SAND IN BUCKET GAUGE FOLLOWING SWEEP
	09:00 - 17:00	8.00	BLOW	a	CLEAN	BLOW WELL @ 7616' W/ 700 SCF AIR & 5 BPH MIST. BUCKET GAUGE @ TIME---WATER---SAND 09:45 13.8 BPH 1-1/2 CUPS 10:45 13.6 BPH 1 CUP 11:45 11.8 BPH 1/4 CUP {DECREASE MIST RATE } 13:00 2.9 BPH 1-1/2 CUPS 14:00 2.6 BPH 1 CUP 15:00 2.6 BPH 1 CUP 16:00 4.7 BPH 1 CUP 17:00 7.2 BPH 2 CUPS 18:00 8.0 BPH 1 CUP 19:00 7.2 BPH 1 CUP 20:00 7.2 BPH 1 CUP 21:00 7.2 BPH 3/4 CUP 22:00 5.3 BPH 3/4 CUP 23:00 5.3 BPH 3/4 CUP 00:00 5.3 BPH 1/2 CUP 01:00 5.3 BPH 1/2 CUP 02:00 5.3 BPH 1/2 CUP 03:00 5.3 BPH 1/4 CUP 04:00 5.3 BPH 1/4 CUP 05:00 5.3 BPH TRACE
12/21/2001	06:00 - 07:30	1.50	BLOW	a	CLEAN	BLOW WELL @ 7492' W/ 700 SCF AIR & 5 BPH MIST. RETURNS- 5.3 BPM W/ TRACE SAND
	07:30 - 08:00	0.50	RURD	a	CLEAN	P/U EXTRA TBG. TAG 25' OF FILL. R/U SWIVEL
	08:00 - 09:00	1.00	COUT	a	CLEAN	ESTABLISH CIRC W/ 1500 SCF AIR & 5 BPH MIST. C/O TO 7616'. PUMP 5 BBL SWEEP
	09:00 - 13:00	4.00	BLOW	a	CLEAN	BLOW WELL @ 7616' W/ 700 SCF AIR & 5 BPH MIST. RETURNS @ TIME---WATER---SAND 09:00 6.3 BPM 1/2 CUP 10:00 4.2 BPM 1/4 CUP 11:00 4.3 BPM 1/4 CUP 12:00 4.6 BPM 1/8 CUP 13:00 2.8 BPM 1/8 CUP
	13:00 - 15:00	2.00	FLOW	a	CLEAN	PULL UP. FLOW WELL NATURAL. RETURNS @ TIME---WATER---SAND 14:00 3.0 BPH TRACE
	15:00 - 19:30	4.50	BLOW	a	CLEAN	15:00 2.6 BPH TRACE TAG 12' OF FILL. PULL UP 124'. BLOW WELL @ 7492' W/ 700 SCF

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Spud Date: 4/1/2002
 End: 4/1/2002
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Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations	
12/21/2001	15:00 - 19:30	4.50	BLOW	a	CLEAN	AIR & 5 BPH MIST. RETURNS @ TIME---WATER---SAND 16:30 8.5 BPH 1/8 CUP 17:30 7.2 BPH 1/8 CUP 18:30 8.5 BPH TRACE 19:30 8.5 BPH TRACE	
	19:30 - 21:30	2.00	FLOW	a	CLEAN	FLOW WELL NATURAL. RETURNS - 2.3 BPH W/ TRACE SAND	
	21:30 - 01:30	4.00	BLOW	a	CLEAN	BLOW WELL W/ 700 SCF AIR & 5 BPH MIST. RETURNS @ TIME---WATER---SAND 22:30 3.5 BPH TRACE 23:30 4.2 BPH TRACE 00:30 5.3 BPH TRACE 01:30 5.3 BPH TRACE	
	01:30 - 03:30	2.00	FLOW	a	CLEAN	FLOW WELL NATURAL. RETURNS - 1.7 BPH W/ TRACE SAND	
	03:30 - 06:00	2.50	BLOW	a	CLEAN	BLOW WELL W/ 700 SCF AIR & 5 BPH MIST. RETURNS @ TIME---WATER---SAND 04:30 6.5 BPH 1/8 CUP	
	12/22/2001	06:00 - 07:00	1.00	BLOW	a	CLEAN	BLOW WELL W/ 700 SCF AIR & 5 BPH MIST. RETURNS - 5.6 BPH WTR W/ TRACE SAND
		07:00 - 07:15	0.25	SAFE	a	OBJECT	SAFETY MEETING, { 4 MAN RIG CREW }
		07:15 - 07:45	0.50	RURD	a	CLEAN	P/U EXTRA TBG, TAG 12' ADDITIONAL FILL, { 25' OVERALL }. R/U SWIVEL
		07:45 - 09:30	1.75	COUT	a	CLEAN	ESTABLISH CIRC W/ 1500 SCF AIR & 5 BPH MIST. C/O TO 7616'. PUMP SWEEP. RECOVERED 3/4 CUP SAND IN BUCKET GAUGE FOLLOWING SWEEP
		09:30 - 11:30	2.00	FLOW	a	CLEAN	FLOW WELL NATURAL. RETURNS - 1.5 BPH WTR W/ TRACE SAND
11:30 - 14:30		3.00	BLOW	a	CLEAN	TAG 10' OF FILL. C/O TO 7616', BLOW WELL W/ 700 SCF AIR & 5 BPH MIST. RETURNS- 6.2 BPH W/ 1/8 CUP SAND	
12/27/2001	14:30 - 15:00	0.50	RURD	a	CLEAN	R/D SWIVEL. PULL UP ABOVE PL PERFS.	
	15:00 - 15:30	0.50	SHDN	a	CLEAN	SI & SECURE WELL. BLOW OUT LINES. SD FOR HOLIDAY	
	10:00 - 06:00	20.00	FLOW	a	CLEAN	SICP - 700 PSI. OPEN CSG TO FLOW BACK WELL, THEN OPEN PIPE RAMS. RETURNS -0.5 BPH WTR W/ TRACE SAND	
12/28/2001	06:00 - 07:00	1.00	FLOW	a	CLEAN	FLOW BACK WELL. RETURNS- 0.5 BPH WTR W/ TRACE SAND	
	07:00 - 07:30	0.50	SRIG	a	OBJECT	SERVICE & START RIG & AIR EQUIP	
	07:30 - 07:45	0.25	SAFE	a	OBJECT	SAFETY MEETING, { 4-MAN RIG CREW }	
	07:45 - 08:00	0.25	KILL	a	OBJECT	KILL TBG W/ 8 BBLS 2% KCL	
	08:00 - 08:30	0.50	TRIP	a	OBJECT	TIH W/ 36 STDS TBG. TAG 25' OF NEW FILL	
	08:30 - 08:45	0.25	RURD	a	OBJECT	R/U SWIVEL	
	08:45 - 10:15	1.50	COUT	a	OBJECT	ESTABLISH CIRC W/ 1500 SCF AIR & 5 BPH MIST. C/O TO 7616'. BLOW WELL	
	10:15 - 12:30	2.25	BLOW	a	OBJECT	PULL UP 30'. FLOW WELL NATURAL. RETURNS - 1.5 BPH WTR W/ TRACE SAND	
	12:30 - 13:30	1.00	SURG	a	CLEAN	TAG 10' NEW FILL, PULL UP. SURGE WELL @ 400 PSI. RECIEVED 2' OF FILL	
	13:30 - 14:30	1.00	COUT	a	CLEAN	ESTABLISH CIRC W/ 1500 SCF AIR & 5 BPH MIST. C/O TO 7616'. BLOW WELL W/ 700 SCF AIR & 5 BPH MIST.	
	14:30 - 16:00	1.50	SURG	a	CLEAN	SURGE WELL @ 400 PSI X 4 INTERVALS. RECIEVED 2' NEW FILL	
	16:00 - 16:15	0.25	KILL	a	CLEAN	KILL TBG W/ 8 BBLS 2% KCL	
	16:15 - 16:45	0.50	RURD	a	CLEAN	R/D SWIVEL. PULL UP 6 STDS	
	16:45 - 06:00	13.25	FLOW	a	CLEAN	FLOW WELL NATURAL. RETURNS - SURGING 1.5 > 0.5 BPH W/ TRACE SAND	
12/29/2001	06:00 - 06:45	0.75	FLOW	a	CLEAN	FLOW WELL NATURAL. RETURNS- 1.0 BPH WTR W/ TRACE SAND	
	06:45 - 07:00	0.25	SAFE	a	OBJECT	SAFETY MEETING	

Operations Summary Report

Legal Well Name: SAN JUAN 28-6 UNIT #109
 Common Well Name: SAN JUAN 28-6 UNIT #109
 Event Name: CAP WORKOVER
 Contractor Name: DRAKE WELL SERVICE
 Rig Name: DRAKE
 Spud Date: 4/1/2002
 Start: 11/30/2001
 End: 4/1/2002
 Rig Release: 4/1/2002
 Group:
 Rig Number: 26

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
12/29/2001	07:00 - 07:30	0.50	RURD	a	OBJECT	P/U EXTRA TBG. TAG 8' OF FILL. R/U SWIVEL
	07:30 - 08:15	0.75	WAIT	a	OBJECT	WAIT ON AIR. { UNABLE TO START AIR BOOSTER }
	08:15 - 09:15	1.00	RURD	a	OBJECT	R/D SWIVEL. L/D 20 JTS TBG. LAND PROD TBG. R/D FLOOR.
	09:15 - 09:45	0.50	NUND	a	OBJECT	N/D BOP, N/U WELL HEAD.
	09:45 - 10:45	1.00	FLOW	a	OBJECT	FINAL CSG PITOT GAUGE - 1644 MCF, { 7 PSI ON 2" }
	10:45 - 12:00	1.25	RURD	a	OBJECT	FLOW WELL THRU TBG. FINAL TBG PITOT GAUGE - 707 MCF, { 21 OZ ON 2" }
						R/D UNIT & EQUIP. RIG RELEASED @
						SUMMARY: POOH W/ 120.5 STDS TBG. LEFT ON BOTTOM= 5' STICK-UP, SN, 1JT TBG.
						FRAC PL W/ 2119 BBLS SLICK WTR & 100,000 # 20/40 SAND, CH-MEN W/ 2108 BBLS SLICK WTR & 100,000 # 20/40 SAND, LEWIS W/ 613 BBLS 20# LINEAR GEL & 200,000 # 20/40 SAND. D/O CIBP'S, MILL UP 5' PARTED TBG TO TOP OF SN. ATTEMPT TO WASH OVER TBG, WELL PRODUCING HVY SAND, UNABLE TO WASH OVER SN. BLOW WELL 10 ADDITIONAL DAYS TO CLEAN UP SAND. RELEASE RIG.
						NOTE: TOP OF FISH @ 7616' { 120.5 STDS }, 2-3/8" TBG COLLAR ON TOP OF SN, 1 JT TBG.
						TBG SUMMARY: 220 JTS, 2' PJ, 1 JT TBG, SN, EXPEND CK., NC. EOT @ 6987'78", LANDED @ 6999' KB.
						BOTTOM PL PERF @ 5715'. TOP OF FISH @ 7616'
3/29/2002	06:30 - 07:15	0.75	RURD	a	RDMO	R/D UNIT @ SJ 27-5 # 40
	07:15 - 07:45	0.50	MIMO	a	MIRU	ROAD UNIT & EQUIP TO LOCATION
	07:45 - 08:00	0.25	SAFE	a	MIRU	SAFETY MEETING, { 4-MAN RIG CREW, 8 DRIVERS & SWAMPERS PRESENT }, { TOPIC- R/U OPERATION }
	08:00 - 09:30	1.50	RURD	a	MIRU	SPOT IN EQUIP & R/U. DERRICK IN AIR @ 09:15 AM. R/U 2" BLOW DOWN LINE.
						FTP- 172 PSI. FCP - 325 PSI.
						OPEN CSG TO BLEED OFF PRESS
	09:30 - 09:45	0.25	KILL	a	OBJECT	KILL TBG W/ 10 BBLS 2% KCL
	09:45 - 10:00	0.25	NUND	a	OBJECT	N/D TBG HEAD, N/U BOP
	10:00 - 10:30	0.50	RURD	a	OBJECT	R/U FLOOR & 4" BLOOIE LINE
	10:30 - 11:00	0.50	PULD	a	OBJECT	TALLY & P/U 23 EXTRA JTS 2-3/8" TBG. TAG 31' OF FILL @ 7585'
	11:00 - 11:15	0.25	RURD	a	OBJECT	R/U SWIVEL
	11:15 - 12:00	0.75	CIRC	a	OBJECT	ESTABLISH CIRC W/ 1500 SCF AIR & 5 BPH MIST.
	12:00 - 12:30	0.50	COUT	a	OBJECT	C/O TO TOP OF FISH @ 7616'
	12:30 - 13:45	1.25	BLOW	a	OBJECT	BLOW WELL @ 7616' W/ 700 SCF AIR & 5 BPH MIST. RETURNS - 10.2 BPH WTR W/ 1/4 CUP SAND
	13:45 - 14:15	0.50	TRIP	a	OBJECT	TOOH W/ 60 STDS TBG. { EOT @ 3902' }
14:15 - 05:00	14.75	FLOW	a	OBJECT	RETURNS - SURGING 2>4 BPH WTR W/ 1-1/2 CUPS SAND	
					FLOW WELL NATURAL. RETURNS @	
					TIME-----WATER-----SAND	
					14:30 3.5 BPH 2 CUPS	
					15:30 1.8 BPH 1/2 CUP	
					16:30 1.5 BPH 1-1/2 CUP	
					18:00 1.4 BPH 1/2 CUP	
					19:00 1.3 BPH 1/4 CUP	
					20:00 1.0 BPH 1/8 CUP	
					21:00 0.8 BPH TRACE	
					22:00 0.6 BPH TRACE	
					23:00 0.5 BPH TRACE	

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Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
3/29/2002	14:15 - 05:00	14.75	FLOW	a	OBJECT	24:00 0.5 BPH TRACE 02:00 0.4 BPH TRACE 05:00 0.4 BPH TRACE
	05:00 - 06:00	1.00	PRBU	a	OBJECT	WELL SI FOR PRESS BUILD UP. PREPARE TO TURN TO SALES LINE
4/2/2002	06:30 - 06:45	0.25	SAFE	a	OBJECT	NOTE: WELL TURNED TO SALES LINE @ 08:30 AM ON 3-29-02. AVERAGE FLOW RATE- 1000 MCF / DAY. SAFETY MEETING, { 4 MAN RIG CREW }
	06:45 - 08:00	1.25	TRIP	a	OBJECT	TOOH W/ REMAINING TBG. { FOUND EXPEND CK SEAT CAUGHT IN NC }
	08:00 - 10:30	2.50	TRIP	a	OBJECT	REPLACE NC & INLINE CK. TALLY & TIH W/ 121 STDS 2-3/8" TBG. TAG @ 7632'
	10:30 - 10:45	0.25	RURD	a	OBJECT	R/U SWIVEL
	10:45 - 12:30	1.75	CIRC	a	OBJECT	ESTABLISH CIRC W/ 1500 >700 SCF AIR, THEN INCREASE TO MIST TO 8 BPH
	12:30 - 13:00	0.50	COU	a	OBJECT	C/O TO TOP OF FISH @ 7644', { 121 STDS PLUS 3' }
	13:00 - 14:15	1.25	BLOW	a	OBJECT	BLOW WELL @ 7641' W/ 700 SCF AIR. RETURNS 3.5 BPH WTR W/ 1 CUP SAND
	14:15 - 15:30	1.25	FLOW	a	OBJECT	PULL UP 30'. FLOW WELL NATURAL. RETURNS @ TIME---WATER---SAND 14:45 1.3 BPH TRACE 15:15 1.4 BPH TRACE
	15:30 - 16:15	0.75	RURD	a	OBJECT	RUN BROACH TO SN. TAG 3' OF FILL. R/D SWIVEL. L/D 4 JTS TBG. LAND PROD TBG. R/D FLOOR
	16:15 - 16:30	0.25	NUND	a	OBJECT	N/D BOP, N/U WELL HEAD
	16:30 - 17:00	0.50	BLOW	a	OBJECT	PUMP OFF CK. BLOW WELL
17:00 - 18:00	1.00	FLOW	a	OBJECT	REVERSE TO FLOW THRU TBG & STABLIZE. FINAL TBG PITOT GAUGE- 434 MCF, { 8 OZ ON 2" }. RELEASE RIG @ 18:00 HRS. WELL SI @ 18:00 HRS TBG SUMMARY: RAN 235 JTS, 2' PUP JT, 1JT TBG, SN, INLINE CK, NC. EOT @ 7457.75'. LANDED @ 7469' KB TOP OF FISH @ 7644', { 121 STDS PLUS 3' } TRANSFER FROM SJ 27-5 # 40= 17 JTS 2-3/8" TBG, { 538.73' } RECIEVED FROM DISTRICT TOOLS= 10 JTS, { 311.18' } RETURN TO DISTRICT TOOLS = 9 JTS, { 284.22' }	