

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
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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

**SUBMIT ORIGINAL
PLUS 2 COPIES
TO APPROPRIATE
DISTRICT OFFICE**

APPLICATION FOR
WELL WORKOVER PROJECT

I. Operator and Well

Operator name address Burlington Resources Oil and Gas Co. LPPO 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 141		API Number 3003920039	
UL	Section	Township	Range	Feet From The	Feet From The	County	
N	36	28 N	6 W	1100 FSL	1600 FWL	RIO ARRIBA	

II. Workover

Date Workover Commence 1/28/2002	Previous Producing Pool(s) (Prior to Workover): BASIN DAKOTA
Date Workover Completed: 2/14/2002	

- 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 <u>New Mexico</u>)		
County of <u>San Juan</u>) ss.		
<u>Peggy Cole</u> , being first duly sworn, upon oath states:		
1. I am the Operator, or authorized representative of the Operator, of the above-referenced Well. 2. I have made, or caused to be made, a diligent search of the production records reasonably available for this Well. 3. 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 <u>Peggy Cole</u>	Title <u>Regulatory Administrator</u>	Date <u>12-27-02</u>
SUBSCRIBED AND SWORN TO before me this <u>27th</u> day of <u>December</u> 2002		
My Commission expires: <u>September 15, 2004</u>		Notary Public <u>Nancy Altman</u>

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 02-14, 2002.

Signature District Supervisor <u>Charlie Therr</u>	OCD District <u>AZTEC III</u>	Date <u>01-10-2003</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
2/1/2001	1823	
3/1/2001	2411	
4/1/2001	2062	
5/1/2001	2340	
6/1/2001	1986	
7/1/2001	2896	
8/1/2001	3044	
9/1/2001	2806	
10/1/2001	2261	
11/1/2001	2206	
12/1/2001	2276	
1/1/2002	2122	
2/1/2002	2055	3498
3/1/2002	4496	7655
4/1/2002	6743	11481
5/1/2002	6479	11032

Operations Summary Report

Legal Well Name: SAN JUAN 28-6 UNIT #141

Common Well Name: SAN JUAN 28-6 UNIT #141

Event Name: CAP WORKOVER

Contractor Name: DRAKE WELL SERVICE

Rig Name: DRAKE

Start: 1/28/2002

Rig Release: 2/14/2002

Rig Number: 26

Spud Date: 6/9/1967

End: 2/14/2002

Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
1/29/2002	06:00 - 07:00	1.00	MIMO	a	OBJECT	ROAD TO LOCATION,
	07:00 - 10:00	3.00	MIMO	a	OBJECT	LOAD RIG PACKAGE, ROAD TO SAN JUAN UNIT 141, SPOT EQUIPMENT NU EQUIPMENT,
	10:00 - 12:00	2.00	RURD	a	OBJECT	RIG UP UNIT. PUMP 4 BBLs DOWN TBG
	12:00 - 15:00	3.00	TRIP	a	OBJECT	KILL TBG, ND WH NU BOP.
	15:00 - 18:00	3.00			OBJECT	TOOH W/ 230 JTS 2-3/8 J-55, 4.70, EUE TBG.
1/30/2002						RU WIRE LINE ERUN CCL, CBL, GR, RD WIRE LINE. SWSD. RUN CBL FROM 5600 TO 3000', CMT FROM 5600 TO 5360, SPOTTY CMT FROM 3580 TO 3474' & GOOD CMT FROM 3290 TO 3000' (TOP) 2050', TOOH SWSD.
	06:00 - 07:00	1.00	MIMO	a	OBJECT	ROAD CREW TO LOCATION
	07:00 - 07:30	0.50	SAFE	a	OBJECT	SAFETY MEETING W/ 4 CREW MEMBERS, 1 TOOL HAND, SUPERVISOR, (TOPIC PICKING UP TBG OFF FLOAT)
	07:30 - 08:30	1.00	TRIP	a	OBJECT	PU 4-1/2 TENSION PKR, TIH TO 4590'
	08:30 - 09:00	0.50	WAIT	a	OBJECT	ABOVE EXIST SQUEEZE PERFS @ 5418'
	09:00 - 09:30	0.50	TEST	a	OBJECT	WAIT ON PUMP TRUCK.
	09:30 - 10:00	0.50	TRIP	a	OBJECT	NU TEST TRUCK, PSI TO 1500# SLOW LEAK OFF,
						RELEASE PKR TIH TO 5400' 18' ABOVE SQUEEZE HOLES @ 5418,
						TEST BACKSIDE TO 2500# WATCH FOR 15 MIN, TEST GOOD
						SWITCH TO TBG INJ RATE 1-1/2 BPM 600#
	10:00 - 11:00	1.00	TRIP	a	OBJECT	RELEASE PKR TIH W/ 1 STAND TO 5449' 31' BELOW EXSTG SQUEEZE HOLES TEST CSG & RETAINER TO 3000# TEST GOOD,
						LEAK ISOLATED @ EXSTG SQUEEZE HOLES @ 5418' W/ 1-2 BPM
						INJ RATE @ 600# PSI
1/31/2002	11:30 - 12:30	1.00	TRIP	a	OBJECT	RELEASE PKR TOOH TO 3670' SET PKR RETEST BACKSIDE TO 2500# 15 MIN HOLDING.
	12:00 - 13:00	1.00	TRIP	a	OBJECT	RELEASE PACKER, TOOH RU WIRE LINE
	13:00 - 14:00	1.00	PERF	a	OBJECT	TIH W/ SQUEEZE GUNS SHOOT 2 HOLES @ 4547' TOOH.
	14:00 - 15:30	1.50	CASE	a	OBJECT	WAIT ON SETTING TOOL, TIH SET CIBP @ 4650' TOOH, RD WIRE LINE
	15:30 - 17:00	1.50	TRIP	a	OBJECT	PU, 4-1/2 PACKER, TIH TO 4247'
						LEAVE PACKER SWINGER , SWSD.
	06:00 - 07:00	1.00	MIMO	a	OBJECT	ROAD CREW TO LOCATION.
	07:00 - 07:30	0.50	SAFE	a	OBJECT	SAFETY MEETING W/ 4-RIG CREW, 3 HALLIBURTON CREW, 1 TOOL HAND, RIG SUPERVISOR, TOPIC (PRESSURE)
	07:30 - 08:30	1.00	NUND	a	OBJECT	PULL 2 STDS SET PKR @ 4084', NU HALLIBURTON.
	08:30 - 09:00	0.50	TEST	a	OBJECT	TEST LINES DISCUSS SQUEEZE PRODCEDURE.
2/1/2002	09:00 - 11:00	2.00	CEMT	a	OBJECT	LOAD BACKSIDE, PRESSURE TO 500#, ESTABLISH INJ RATE 2 BPM @ 1000# PUMP 150 SXs, B-NEAT 31 BBLs CMT @ 2 BP 600#, WASH UP, DIPLACE CMT W/17 BBLs SHUT DOWN FOR 30 MIN, PRESSURE DROPPED TO 0, START PUMP, PUMP 1/2 BPM. PUMP TOTAL OF 21 BBLs DISPLACE MENT SHUT TBG IN W/ 750# PSI CMT 1.18 YEILD, 5.2 GAL WATER PER SK. LEAVE 2 BBLs IN CSG, DISPLACE 29 BBLs CMT BEHIND CSG, SWSD.
	06:00 - 07:00	1.00	MIMO	a	OBJECT	ROAD CREW TO LOCATION.
	07:00 - 07:30	0.50	SAFE	a	OBJECT	SAFETY MEETING W/ 4-RIG CREW, 1-AIR HAND, 1-TOOL HAND, TOPIC (CLOSED VALVES)
	07:30 - 09:00	1.50	SURG	a	OBJECT	THAW OUT BOP, BLOWED SEAL.
	09:00 - 10:30	1.50	TRIP	a	OBJECT	RELEASE PKR TOOH, W /PKR,
	10:30 - 12:30	2.00	RRSR	a	OBJECT	REPAIR BOP, CHANGE OUT SEALS.
	12:30 - 14:30	2.00	TRIP	a	OBJECT	PU BIT SUB MILL, TIH W/ 68 STANDS TAG
						4243' 303' PU SWIVEL, START AIR MIST

Operations Summary Report

Legal Well Name: SAN JUAN 28-6 UNIT #141

Common Well Name: SAN JUAN 28-6 UNIT #141

Event Name: CAP WORKOVER

Contractor Name: DRAKE WELL SERVICE

Rig Name: DRAKE

Start: 1/28/2002

Rig Release: 2/14/2002

Rig Number: 26

Spud Date: 6/9/1967

End: 2/14/2002

Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
2/1/2002	12:30 - 14:30	2.00	TRIP	a	OBJECT	12 BPH MIST, 650#, DRILL OUT CMT. DRILL THROUGH STREAMER 45', SET BACK SWIVEL TIH TO 4410', DRILL DOWN TO 4510, CMT 5 MIN PER FT.
	14:30 - 16:30	2.00	DRLG	a	OBJECT	
	16:30 - 17:00	0.50			OBJECT	
2/2/2002	06:00 - 07:00	1.00	MIMO	a	OBJECT	PUMP 2 SWEEPS C/U WELL BORE, SET SWIVEL, BACK, PULL 1 STAND SWSD.
	07:00 - 07:30	0.50	SAFE	a	OBJECT	ROAD CREW TO LOCATION
						START THAWING EQUIP, HOLD SAFETY MEETING W-4RIG HANDS, 1-AIR HAND RIG SUPERVISOR, TOPIC (FROZEN LINES & PRESSURE)
	07:30 - 09:00	1.50	SRIG	a	OBJECT	STARTERS ON AIR EQUIP, FROZEN THAW OUT, START EQUIP, START AIR MIST,
	09:00 - 10:00	1.00	DRLG	a	OBJECT	DRILL OUT CMT FROM 4510 TO 4547' FALL THROUGH,
	10:00 - 10:30	0.50	TRIP	a	OBJECT	TIH TO CIBP 4668' PU SWIVEL, START AIR MIST, 14 BPH
	10:30 - 11:30	1.00	MILL	a	OBJECT	MILL OUT CIBP, RUN SWEEP, SET SWIVEL BACK.
	11:30 - 12:00	0.50	TRIP	a	OBJECT	TIH TO 6000'
	12:00 - 13:00	1.00	TRIP	a	OBJECT	TOOH W/ MILL & TBG, LOAD CSG TEST 500#, RELEASE PSI, (TEST GOOD)
	13:00 - 15:00	2.00	RURD	a	OBJECT	RU WIRE LINE, RUN CBL, CMT FROM 10' BELOW SQUEEZE PERFS 4567 TO TOP OF LOG 3000'. FAX LOG TO OFFICE
	15:00 - 15:45	0.75	WAIT	a	OBJECT	WAIT ON EVALUATION,
	15:45 - 16:30	0.75	PERF	a	OBJECT	TIH W/ 3- 1/8 SELECT FIRE CSG GUN 10 GRAM OWEN 302 CHARGES, .28 DIA, 20.4 PENETRATION, 1-SPF 5269, 5278, 5297, 5305, 5313, 5323, 5333, 5341, 5347, 5357, 5366, 5373, 5379, 5388, 5394, 5402, 5408 TOOH.
	16:30 - 17:30	1.00	PULD	a	OBJECT	CHANGE OUT RAMS TO 2-7/8, PU 4-1/2 PACKER, PU & TALLY IN HOLE W 25 JTS
	17:30 - 18:00	0.50	SRIG	a	OBJECT	LEAVE PACKER HANGING CLOSE PIPE RAMS.
2/5/2002	06:00 - 07:00	1.00	RURD	a	OBJECT	DRAIN LINES, PUMP, & FLOW LINE. SWSD.
	07:00 - 10:00	3.00	PULD	a	OBJECT	MIRU HES FRAC CREW
	10:00 - 10:45	0.75	RURD	a	OBJECT	TALLY & P/U 126 JTS 2-7/8", N-80, BUTTRESS TBG
						SET PKR @ 4578'. R/U 4" FRAC LINE & 2" TO ANNULUS W/ PSI MONITOR
	10:45 - 11:00	0.25	SAFE	a	OBJECT	SAFETY MEETING, { FRAC PROCEDURE, MAX PSI, & EMERGENCY PROCEDURES }, 25 PEOPLE PRESENT
	11:00 - 11:15	0.25	PUMP	a	OBJECT	LOAD 2-7/8" X 4-1/2" ANNULUS, MONITOR @ 500 PSI.
	11:15 - 11:45	0.50	PRES	a	OBJECT	PSI TEST FRAC LINES W/ 8000 PSI.
	11:45 - 12:45	1.00	FRAC	a	OBJECT	BREAKDOWN PL PERFS @ 1532 PSI @ 5.5 BPM. ESTABLISH RATE @ 17 BPM @ 5170 PSI. ISIP - 0.
						FRAC W/ 2167 BBLs 20# LINEAR GEL & 75,000 LBS 20/40 ARIZONA SAND, .25 > 1.25 PPG. FLUSH W/ 37 BBLs. AIR - 34 BPM, MAX RATE - 40 BPM, AIR - 5862 PSI, MAX PSI - 6450. ISIP - 188, 5 MIN - 99, 10 MIN - 0 PSI.
	12:45 - 13:15	0.50	RURD	a	OBJECT	R/D FRAC LINE & RELEASE PKR
	13:15 - 14:30	1.25	TRIP	a	OBJECT	TOOH W/ 2-7/8" TBG & PKR
	14:30 - 14:45	0.25	PULD	a	OBJECT	L/D PKR ASSEMBLY
	14:45 - 15:00	0.25	RURD	a	OBJECT	R/U BASIN PERFORATORS
	15:00 - 15:30	0.50	CASE	a	OBJECT	SET 4-1/2" CIBP @ 5240'. UNABLE TO PULL OFF OF PLUG. PULLED OUT OF CABLE HEAD, LEFT SETTING TOOL ON TOP OF CIBP.
						CALL FOR OVERSHOT
	15:30 - 16:45	1.25	WAIT	a	OBJECT	WAIT ON OVERSHOT & BUMPER SUB
	16:45 - 17:30	0.75	RURD	a	OBJECT	CALIPER & MAKE UP OVER SHOT & BUMPER SUB
	17:30 - 18:00	0.50	TRIP	a	OBJECT	TIH W/ 12 STDS 2-3/8" TBG

Operations Summary Report

Legal Well Name: SAN JUAN 28-6 UNIT #141

Common Well Name: SAN JUAN 28-6 UNIT #141

Event Name: CAP WORKOVER

Contractor Name: DRAKE WELL SERVICE

Rig Name: DRAKE

Start: 1/28/2002

Rig Release: 2/14/2002

Rig Number: 26

Spud Date: 6/9/1967

End: 2/14/2002

Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
2/5/2002	18:00 - 18:30	0.50	SHDN	a	OBJECT	SECURE WELL, SDFN
2/6/2002	06:45 - 07:00	0.25	SAFE	a	OBJECT	SAFETY MEETING, { 4 MAN RIG CREW }
	07:00 - 08:15	1.25	TRIP	a	OBJECT	TIH W/ 83 STDS 2-3/8" TBG
	08:15 - 08:30	0.25	RURD	a	OBJECT	R/U SWIVEL
	08:30 - 09:15	0.75	RRSR	a	OBJECT	R/U PUMP. THAW OUT SUCTION & DISCHARGE HOSES
	09:15 - 09:45	0.50	CIRC	a	OBJECT	CIRC ON TOP OF FISH @ 5240'
	09:45 - 10:00	0.25	FISH	a	OBJECT	ENGAGE SETTING TOOL & PULL FREE
	10:00 - 10:15	0.25	RURD	a	OBJECT	R/D SWIVEL
	10:15 - 11:30	1.25	TRIP	a	OBJECT	TOOH
	11:30 - 11:45	0.25	PULD	a	OBJECT	L/D OVERSHOT W/ SETTING TOOL
	11:45 - 12:00	0.25	RURD	a	OBJECT	R/U BASIN PERFORATORS
	12:00 - 12:30	0.50	PERF	a	OBJECT	PERF CH-LOWER MENEFEE @ 4670',4679',4688',4707',4717',4739',4747',4785',4791',4797',4807',4822',4 840',4848',4857',4884',4896',4925',4930',4947',5012',5025',5096',5106',51 80', W/ 3-1/8" HSC, 1 SPF, 0.30 DIA, 25 HOLES
	12:30 - 13:00	0.50	RURD	a	OBJECT	R/D WIRELINE. XO TO 2-7/8". FUNCTION TEST PIPE & BLIND RAMS. P/U 4-1/2" FULL BORE PKR
	13:00 - 14:15	1.25	TRIP	a	OBJECT	TIH W/ 73 STDS 2-7/8" & 10 STDS 2-3/8" TBG
	14:15 - 14:30	0.25	PCKR	a	OBJECT	SET PKR @ 5191'. R/U HES
	14:30 - 14:45	0.25	PRES	a	OBJECT	PRIME PUMPS,
	14:45 - 15:00	0.25	PRES	a	OBJECT	PSI TEST CIBP @ 5240' W/ 3000 PSI FOR 10 MIN. TEST OK
	15:00 - 15:30	0.50	TRIP	a	OBJECT	TOOH W/ 10 STDS 2-3/8" TBG & 15.5 STDS 2-7/8" TBG
	15:30 - 15:45	0.25	RURD	a	OBJECT	SET PKR @ 3610'. R/U HES
	15:45 - 16:00	0.25	SAFE	a	OBJECT	SAFETY MEETING, { FRAC PROCEDURE, MAX PSI, & EMERGENCY PROCEDURES }
	16:00 - 16:15	0.25	PUMP	a	OBJECT	LOAD ANNULUS & MONITOR @ 500 PSI
	16:15 - 17:30	1.25	FRAC	a	OBJECT	BREAKDOWN CH PERFS @ 834 PSI @ 5 BPM. ESTABLISH RATE @ 17 BPM @ 2657 PSI. ISIP - 866. BULLHEAD 500 GALS 15% HCL AHEAD OF PAD. FRAC W/ 2074 BBLS 20# LINEAR GEL & 75,000 LBS 20/40 ARIZONA SAND, 0.25 > 1.25 PPG. FLUSH W/ 42 BBLS SLICK WTR. AIR -42 BPM, MAX RATE -45 BPM, AIP -5974 PSI, MAX PSI - 6438. ISIP -488, 5 MIN- 265, 10 MIN- 147, 15 MIN - 72
	17:30 - 18:15	0.75	RURD	a	OBJECT	R/D FRAC LINE, R/U FLOW BACK LINE
	18:15 - 06:00	11.75	FLOW	a	OBJECT	OPEN WELL, TBG ON VACUUM
2/7/2002	06:45 - 07:00	0.25	SAFE	a	OBJECT	SAFETY MEETING, { 3 - MAN RIG CREW }
	07:00 - 07:30	0.50	RURD	a	OBJECT	R/D FLOW BACK LINE, RELEASE PKR. FUNCTION TEST PIPE RAMS
	07:30 - 08:30	1.00	TRIP	a	OBJECT	TOOH W/ PKR
	08:30 - 09:15	0.75	CASE	a	OBJECT	SET 4-1/2" CIBP ON WIRELINE @ 4538'
	09:15 - 09:45	0.50	PERF	a	OBJECT	PERF LEWIS INTERVAL @ 3716',3720',3771',3778',3905',4061',4069',4088',4096',4104',4110',4123',4 142',4151',4182',4212',4227',4234',4241',4251',4257',4269',4279',4295',43 02',4315',4333',4345',4358',4364',4375',4396',4421',4436',4458',4467',448 2',4498',4516', W/ 3-1/8" HSC,0.30 DIA,1 SPF, 39 HOLES
	09:45 - 10:00	0.25	RURD	a	OBJECT	R/D BASIN WIRELINE.
	10:00 - 10:15	0.25	PULD	a	OBJECT	P/U 4-1/2" FULL BORE PKR. CHANGE OUT 2-7/8" PIPE RAMS
	10:15 - 11:30	1.25	TRIP	a	OBJECT	TIH W/ 72 STDS 2-7/8" N-80 BUTTRESS TBG & 10' PUP JT
	11:30 - 11:45	0.25	PCKR	a	OBJECT	SET PKR @ 4524'. R/U HES
	11:45 - 12:15	0.50	PRES	a	OBJECT	LOAD HOLE & PSI TEST CIBP @ 3000 PSI FOR 10 MIN. TEST OK
	12:15 - 12:45	0.50	SPOT	a	OBJECT	OPEN PKR BY-PASS. SPOT 500 GALS 15% HCL @ 4524'
	12:45 - 13:00	0.25	RURD	a	OBJECT	R/D FRAC LINE & VALVE
	13:00 - 13:15	0.25	TRIP	a	OBJECT	PULL UP 16 STDS
	13:15 - 13:30	0.25	PCKR	a	OBJECT	SET PKR @ 3514'. R/U VALVE & FRAC LINE
	13:30 - 13:45	0.25	PUMP	a	OBJECT	LOAD ANNULUS & MONITOR @ 500 PSI

Operations Summary Report

Legal Well Name: SAN JUAN 28-6 UNIT #141

Common Well Name: SAN JUAN 28-6 UNIT #141

Event Name: CAP WORKOVER

Contractor Name: DRAKE WELL SERVICE

Rig Name: DRAKE

Start: 1/28/2002

Rig Release: 2/14/2002

Rig Number: 26

Spud Date: 6/9/1967

End: 2/14/2002

Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
2/7/2002	13:45 - 14:00	0.25	STIM	a	OBJECT	BREAKDOWN PERFS W/ 957 PSI @ 3.7 BPM. ESTABLISH RATE @ 10 BPM @ 2107 PSI W/ 9 BBLs FLUID. ISIP -603. PUMP 840 GALS 15% HCL INTERSPERSED W/ 78 X 1.3 SP.GR. RCN BALL SEALERS. RECIEVED GOOD ACTION. DID NOT BALL OFF
	14:00 - 14:15	0.25	SAFE	a	OBJECT	SAFETY MEETING, { FRAC PROCEDURE, MAX PSI, & EMERGENCY PROCEDURES }, 30 PEOPLE PRESENT
	14:15 - 14:30	0.25	PRES	a	OBJECT	PSI TEST N2 & FLUID LINES
	14:30 - 15:45	1.25	FRAC	a	OBJECT	FRAC LEWIS INTERVAL W/ 750 BLS 20# LINEAR GEL, 75 QUALITY FOAM, & 100,000 LBS 20/40 ARIZONA SAND, 0.25 > 2 PPG. FLUSH W/ 6 FLUID BBLs & 11,422 SCF N2. AIR - 40 BPM, MAX RATE -41 BPM, AIP -4989, MAX PSI -5515. ISIP - 1975
	15:45 - 17:30	1.75	RURD	a	OBJECT	R/D FRAC EQUIP. R/U FLOW BACK LINE & MANIFOLD.
	17:30 - 06:00	12.50	FLOW	a	OBJECT	SITP -1600 PSI. START FLOW BACK THRU 16/64 CHOKE. TIME----PSI----CHOKE----RETURNS 1800 1600 16/64 MED MIST,LITE SAND 1900 1570 16/64 DENSE MIST,HVY SAND 2000 1650 16/64 DENSE MIST,HVY SAND,XO TO 8/64 2100 1700 8/64 DENSE MIST,HVY SAND 2200 1680 8/64 DENSE MIST,HVY SAND 2300 1650 8/64 DENSE MIST,MED SAND 2400 1640 8/64 DENSE MIST,MED SAND 0100 1620 8/64 DENSE MIST,HVY SAND 0200 1600 8/64 DENSE MIST,HVY SAND 0300 1580 8/64 DENSE MIST,HVY SAND 0400 1540 8/64 DENSE MIST,HVY SAND 0500 1520 8/64 DENSE MIST,HVY SAND
2/8/2002	06:00 - 06:00	24.00	FLOW	a	OBJECT	FLOW BACK WELL TIME----PSI----CHOKE----RETURNS 0600 1520 8/64 DENSE MIST,HVY SAND 0700 1520 8/64 DENSE MIST,HVY SAND,XO TO 10/64 0800 1500 10/64 DENSE MIST,HVY SAND 1200 1480 10/64 MOD MIST,MED SAND 1400 1460 10/64 MOD MIST,MED SAND 1500 1600 10/64 DRY GAS,LITE SAND,XO TO 16/64 1600 1080 16/64 DENSE MIST,LITE SAND,XO TO 20/64 1700 900 20/64 DENSE MIST,LITE SAND,XO TO 24/64 1800 700 24/64 DENSE MIST,LITE SAND,XO TO 32/64 1900 550 32/64 DENSE MIST,TRACE SAND 2000 450 32/64 DENSE MIST,TRACE SAND,XO TO 48/64 2100 350 48/64 DENSE MIST,TRACE SAND 2300 180 48/64 SURGING LITE > DENSE FLUID,TRACE SAND,REMOVE CHOKE 2400 50 2" SAME 0500 10> 20 2" SAME,TRACE SAND
						FLOW BACK WELL. FTP - 10 PSI, SURGING MOD > HVY FOAM W/ TRACE OF SAND
						SAFETY MEETING
						R/D FLOW BACK LINE. RLEASE PKR.
						R/U PUMP
						KILL TBG W/ 60 BBLs 2% KCL
						L/D 2-7/8" TBG. { WELL FLOWING, STOP & KILL TBG }
						N/U 2ND 2" CSG VALVE, { TBG HEAD HAD ONLY ONE VALVE}, XO TO 2-3/8". REPAIR PIPE RAMS
2/9/2002	06:00 - 06:45	0.75	FLOW	a	OBJECT	FLOW BACK WELL. FTP - 10 PSI, SURGING MOD > HVY FOAM W/ TRACE OF SAND
	06:45 - 07:00	0.25	SAFE	a	OBJECT	SAFETY MEETING
	07:00 - 07:45	0.75	RURD	a	OBJECT	R/D FLOW BACK LINE. RLEASE PKR.
	07:45 - 08:15	0.50	RURD	a	OBJECT	R/U PUMP
	08:15 - 08:30	0.25	KILL	a	OBJECT	KILL TBG W/ 60 BBLs 2% KCL
	08:30 - 11:45	3.25	PULD	a	OBJECT	L/D 2-7/8" TBG. { WELL FLOWING, STOP & KILL TBG }
	11:45 - 13:00	1.25	RURD	a	OBJECT	N/U 2ND 2" CSG VALVE, { TBG HEAD HAD ONLY ONE VALVE}, XO TO 2-3/8". REPAIR PIPE RAMS

Operations Summary Report

Legal Well Name: SAN JUAN 28-6 UNIT #141

Common Well Name: SAN JUAN 28-6 UNIT #141

Event Name: CAP WORKOVER

Contractor Name: DRAKE WELL SERVICE

Rig Name: DRAKE

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Rig Release: 2/14/2002

Rig Number: 26

Spud Date: 6/9/1967

End: 2/14/2002

Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
2/9/2002	11:45 - 13:00	1.25	RURD	a	OBJECT	FUNCTION TEST PIPE & BLIND RAMS
	13:00 - 14:30	1.50	TRIP	a	OBJECT	STAGE IN W/ 3-7/8" JUNK MILL. TAG FILL @ 4522',
	14:30 - 14:45	0.25	RURD	a	OBJECT	R/U SWIVEL
	14:45 - 15:15	0.50	CIRC	a	OBJECT	ESTABLISH CIRC W/ 1500 SCF AIR & 12 BPH MIST.
	15:15 - 15:45	0.50	DRLG	a	OBJECT	D/O CIBP @ 4538'
	15:45 - 16:30	0.75	BLOW	a	OBJECT	BLOW WELL @ 4538' W/ 1500 SCF AIR. RETURNS - 28 BPH FRAC FLUID W/ 1/2 CUP SAND
	16:30 - 17:00	0.50	RURD	a	OBJECT	R/D SWIVEL. RUN 1 STD TBG. DID NOT TAG. PULL 1 STD TBG
	17:00 - 06:00	13.00	BLOW	a	OBJECT	BLOW WELL @ 4538' W/ 700 SCF AIR. RETURNS @
						TIME---WATER---SAND
						1800 21.4 BPH TRACE
2/10/2002						2200 21.2 BPH TRACE
						0200 21.6 BPH TRACE
						0400 21.5 BPH TRACE
	06:00 - 17:00	11.00	BLOW	a	CLEAN	CONT' TO BLOW WELL @ 4538' W/ 700 SCF AIR. RETURNS @
						TIME---WATER---SAND
						0600 19.2 BPH TRACE
						0800 15.8 BPH TRACE
						1000 12.2 BPH TRACE
						1200 10.8 BPH TRACE
						1400 8.1 BPH TRACE
2/11/2002						1600 7.9 BPH TRACE
	17:00 - 18:30	1.50	FLOW	a	CLEAN	SHUT DOWN AIR TO SERVICE EQUIP. FLOW WELL NATURAL. RETURNS- 5.5 > 0 BPH WTR. WELL FLOWED FOR APPROX 45 MIN. BEFORE LOGGING OFF
	18:30 - 06:00	11.50	BLOW	a	CLEAN	UNLOAD WELL W/ 700 SCF AIR & CONT' TO BLOW @ 4538' RETURNS @
						TIME---WATER---SAND
						1900 7.2 BPH TRACE
						2100 6.5 BPH TRACE
						2300 6.0 BPH TRACE
						0100 9.5 BPH TRACE
						0300 4.7 BPH TRACE
						0500 4.7 BPH TRACE
2/12/2002	06:00 - 08:00	2.00	BLOW	a	CLEAN	BLOW WELL @ 4538' W/ 700 SCF AIR. RETURNS- 4.7 BPH W/ TRACE SAND
	08:00 - 09:00	1.00	FLOW	a	CLEAN	FLOW WELL NATURAL. RETURNS - 2.5 BPH WTR FOR 45 MIN, THEN LOGGED OFF
	09:00 - 17:00	8.00	BLOW	a	CLEAN	UNLOAD WELL W/ 700 SCF AIR. RECOVERED APPROX 4 > 5 BBLS WTR. CONT' TO BLOW WELL W/ 700 SCF AIR. RETURNS- 4.7 > 2.2 BPH WTR W/ TRACE SAND
	17:00 - 06:00	13.00	FLOW	a	CLEAN	ALTERNATE FLOW WELL NATURAL 2 HRS, { 1.5 BPH WTR }, THEN BLOW W/ 700 SCF AIR FOR 45 MIN, { RECOVERING APPROX 3.5 BBLS WTR, THEN TAPERING OFF TO LITE MIST },
						SAFETY MEETING, { 4-MAN RIG CREW }
2/12/2002	06:45 - 07:00	0.25	SAFE	a	OBJECT	START RIG, { PRE-HEATER ON RIG MOTOR DID NOT TURN ON }
	07:00 - 07:30	0.50	RRSR	a	OBJECT	CONT' TO TIH, TAG 4993'
	07:30 - 07:45	0.25	TRIP	a	OBJECT	R/U SWIVEL
	07:45 - 08:00	0.25	RURD	a	OBJECT	ESTABLISH CIRC W/ 1500 SCF AIR & 12 BPH MIST.
	08:00 - 08:30	0.50	CIRC	a	OBJECT	C/O TO 5240'
	08:30 - 10:00	1.50	COUT	a	OBJECT	DRILL UP BOTTOM OF 1ST CIBP, THEN D/O CIBP @ 5240'
	10:00 - 13:30	3.50	DRLG	a	OBJECT	BLOW WELL @ 5259' W/ 1500 SCF AIR. RETURNS - 38.8 BPH FRAC FLUID W/ 1-1/2 CUPS SAND
	13:30 - 14:00	0.50	BLOW	a	OBJECT	

BURLINGTON RESOURCES OIL & GAS - SJD

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Operations Summary Report

Legal Well Name: SAN JUAN 28-6 UNIT #141

Common Well Name: SAN JUAN 28-6 UNIT #141

Event Name: CAP WORKOVER

Contractor Name: DRAKE WELL SERVICE

Rig Name: DRAKE

Start: 1/28/2002

Rig Release: 2/14/2002

Rig Number: 26

Spud Date: 6/9/1967

End: 2/14/2002

Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
2/12/2002	14:00 - 14:15	0.25	RURD	a	OBJECT	R/D SWIVEL, PULL UP 1 JT
	14:15 - 17:30	3.25	BLOW	a	OBJECT	BLOW WELL @ 5228' W/ 700 SCF AIR. BUCKET GAUGE @ TIME----WATER-----SAND 1500 23.8 BPH 1/4 CUP 1530 30.6 BPH 1/4 CUP 1600 30.5 BPH 1/4 CUP 1630 28.7 BPH 1/4 CUP 1700 29.6 BPH 1/4 CUP 1730 28.3 BPH 1/4 CUP
	17:30 - 06:00	12.50	BLOW	a	CLEAN	CONT' TO BLOW WELL @ 5228' W/ 700 ACF AIR. RETURNS @ TIME----WATER-----SAND 1830 23.8 BPH 1/4 CUP 2130 19.2 BPH 1/4 CUP 2430 15.8 BPH 1/4 CUP 0230 13.9 BPH 1/4 CUP 0430 11.9 BPH 1/8 CUP
2/13/2002	06:00 - 06:45	0.75	BLOW	a	CLEAN	BLOW WELL @ 5228' W/ 700 SCF AIR. RETURNS - 10.4 BPH WTR W/ 1/8 CUP SAND
	06:45 - 07:00	0.25	SAFE	a	OBJECT	SAFETY MEETING, { 4 - MAN RIG CREW }
	07:00 - 07:15	0.25	TRIP	a	OBJECT	CONT' TO TIH, TAG @ 5435'
	07:15 - 07:30	0.25	RURD	a	OBJECT	R/U SWIVEL
	07:30 - 08:00	0.50	CIRC	a	OBJECT	ESTABLISH CIRC W/ 1500 SCF AIR & 12 BPH MIST
	08:00 - 11:30	3.50	COUT	a	OBJECT	DRILL ON BOTTOM ON CIBP 5435' > 5497', CONT' TO TIH, TAG @ 7088'. C/O TO RETAINER @ 7270'
	11:30 - 15:30	4.00	DRLG	a	OBJECT	D/O RETAINER @ 7270' W/ 700 SCF AIR & 12 BPH MIST
	15:30 - 16:00	0.50	BLOW	a	OBJECT	PUMP 5 BBL SWEEP & BLOW WELL W/ 1500 SCF AIR
	16:00 - 16:30	0.50	PULD	a	OBJECT	P/U EXTRA TBG W/ SWIVEL. TAG @ 7436'
	16:30 - 17:30	1.00	COUT	a	OBJECT	ESTABLISH CIRC W/ 700 SCF AIR & 12 BPH MIST. DRILL ON BOTTOM OF RETAINER & C/O TO 7452'
	17:30 - 17:45	0.25	RURD	a	OBJECT	R/D SWIVEL
	17:45 - 18:15	0.50	TRIP	a	OBJECT	PULL UP ABOVE PL PERFS
2/14/2002	18:15 - 06:00	11.75	FLOW	a	CLEAN	ALTERNATE FLOWING WELL NATURAL 3 HRS, { RETURNS 12.8 > 3 BPH WTR W/ 1/4 CUP SAND }, THEN UNLOAD WELL W/ 700 SCF AIR, { RECOVER APPROX 2 > 3 BBLs FLUID }
	06:00 - 06:45	0.75	FLOW	a	CLEAN	FLOW WELL NATURAL. RETURNS - 5.2 BPH W/ TRACE SAND
	06:45 - 07:00	0.25	SAFE	a	OBJECT	SAFETY MEETING, { 4-MAN RIG CREW }
	07:00 - 07:30	0.50	TRIP	a	OBJECT	TIH W/ 33 STDS 2-3/8" TBG. TAG 42' OF FILL
	07:30 - 07:45	0.25	RURD	a	OBJECT	R/U SWIVEL
	07:45 - 08:00	0.25	CIRC	a	OBJECT	ESTABLISH CIRC W/ 1500 SCF AIR & 12 BPH MIST.
	08:00 - 09:30	1.50	COUT	a	OBJECT	DRILL BOTTOM OF RETAINER, C/O TO 7552'
	09:30 - 10:15	0.75	BLOW	a	OBJECT	BLOW WELL & PUMP 5 BBL SWEEP @ 7552'
	10:15 - 10:30	0.25	RURD	a	OBJECT	R/D SWIVEL
	10:30 - 12:30	2.00	TRIP	a	OBJECT	TOOH W/ MILL. { XO 8 JTS TBG, TONG CRIMPED FROM PREVIOUS JOB. }
						WELL FLOWING 8 > 11 BPH WTR
	12:30 - 12:45	0.25	PULD	a	OBJECT	L/D MILL, P/U EXPEND CK & SN
	12:45 - 15:45	3.00	TRIP	a	OBJECT	TIH W/ 117 STDS 2-3/8" TBG. RUN BROACH EVERY 48 STDS
	15:45 - 16:15	0.50	RURD	a	OBJECT	L/D BROACH. P/U EXTRA TBG. TAG 8' OF FILL. L/D 4 JTS TBG
						BUCKET GAUGE - 11.2 BPH WTR W/ TRACE SAND
	16:15 - 06:00	13.75	BLOW	a	OBJECT	BLOW WELL @ 7421' W/ 700 SCF AIR. RETURNS @ TIME----WATER-----SAND 1700 10.5 BPH TRACE 1900 5.7 BPH TRACE

Operations Summary Report

Legal Well Name: SAN JUAN 28-6 UNIT #141

Common Well Name: SAN JUAN 28-6 UNIT #141

Event Name: CAP WORKOVER

Contractor Name: DRAKE WELL SERVICE

Rig Name: DRAKE

Start: 1/28/2002

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Rig Number: 26

Spud Date: 6/9/1967

End: 2/14/2002

Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
2/14/2002	16:15 - 06:00	13.75	BLOW	a	OBJECT	2100 5.7 BPH TRACE 2300 5.3 BPH TRACE 0100 5.0 BPH TRACE 0300 5.0 BPH TRACE 0500 4.7 BPH TRACE
2/15/2002	06:00 - 06:45	0.75	BLOW	a	OBJECT	BLOW WELL @ 7421' W/ 700 SCF AIR. RETURNS - 4.2 BPH WTR
	06:45 - 07:00	0.25	SAFE	a	OBJECT	SAFETY MEETING, { 4- MAN RIG CREW }
	07:00 - 07:30	0.50	RURD	a	OBJECT	P/U EXTRA TBG, TAG 15' OF NEW FILL. R/U SWIVEL
	07:30 - 08:00	0.50	CIRC	a	OBJECT	ESTABLISH CIRC W/ 1500 SCF AIR & 8 BPM MIST.
	08:00 - 08:30	0.50	COUT	a	OBJECT	C/O TO PBTD @ 7552'
	08:30 - 09:30	1.00	BLOW	a	OBJECT	BLOW WELL @ 7552 W/ 700 SCF AIR & 5 BPH MIST. RETURNS @ TIME----WATER----SAND 0830 1.2 BPH TRACE 0900 4.8 BPH TRACE 0930 9.1 BPH TRACE
	09:30 - 11:45	2.25	BLOW	a	OBJECT	BLOW WELL @ 7552' W/ 700 SCF AIR. RETURNS @ TIME----WATER----SAND 1000 7.6 BPH TRACE 1030 4.2 BPH TRACE 1100 3.4 BPH NONE 1130 3.3 BPH NONE
	11:45 - 12:00	0.25	SPOT	a	OBJECT	NOTE: WATER ANALYSIS SHOWS WATER AS FORMATION WATER
	12:00 - 12:30	0.50	RURD	a	OBJECT	R/U THREE RIVERS, SPOT 500 GALS 15% HCL @ 7552' L/D EXTRA TBG. LAND PROD TBG. R/D FLOOR
	12:30 - 12:45	0.25	NUND	a	OBJECT	TBG SUMMARY: 233 JTS, 2' PUP JT, 1 JT TBG, SN, INLINE CK, NC. EOT @ 7333.12'. LANDED @ 7343' KB N/D BOP, N/U WELL HEAD
	12:45 - 13:15	0.50	BLOW	a	OBJECT	CSG PITOT GAUGE - 952 MCF, { 38 OZ ON 2" W/ V. LITE MIST. }
	13:15 - 16:00	2.75	FLOW	a	OBJECT	PUMP OFF CK. BLOW WELL @ 7343' FLOW WELL THRU TBG TO CLEAN & STABLIZE. FINAL TBG PITOT GAUGE - 323 MCF, { 4.1 OZ ON 2", HVY MIST, NO SAND }. WELL SI @ 1600 HRS
	16:00 - 17:30	1.50	MIMO	a	RDMO	R/D UNIT & EQUIP ROAD RIG TO SJ 28-5 # 201 S. RIG RELEASED @ 1730 HRS WELL SUMMARY. SQUEEZED @ 5431 W/ 150 SXS CLASS B CEMENT FRAC PL W/ 2167 BBLs 20# LINEAR & 75,000 LBS 20/40 SAND FRAC CH-MEN W/ 2074 BBLs 20# LINEAR GEL & 75,000 LBS 20/40 SAND FRAC LEWIS W/ 750 BBLs 20# LINEAR GEL, 75 QUALITY FOAM, & 100,000 LBS 20/40 SAND, { ABOVE ZONES FRAC THRU 2-7/8" FRAC STRING }