

New Mexico
Energy Minerals and Natural Resources Department

Form C-140
Revised 06/99

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**

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

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 Leslie D. White					Phone 505/326-9700		
Property Name SAN JUAN 28-5 UNIT				Well Number 13		API Number 3003907457	
UL M	Section 09	Township 28 N	Range 5 W	Feet From The 890 FSL	Feet From The 1033 FWL	County RIO ARRIBA	

II. Workover

Date Workover Commence 5/27/2004	Previous Producing Pool(s) (Prior to Workover): BLANCO MESAVERDE
Date Workover Completed: 6/10/2004	

- 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>)	
) ss.	
County of <u>San Juan</u>)	
<u>Leslie D. White</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>Leslie D. White</u>	Title <u>Sr. Accountant</u> Date <u>2/2/05</u>
SUBSCRIBED AND SWORN TO before me this <u>2nd</u> day of <u>February</u> 2005.	
Notary Public	
My Commission expires: <u>September 22, 2008</u> <u>Nancy Oltmanns</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 6-10-2004.

Signature District Supervisor <u>Chark Bern</u>	OCD District <u>AZTEC III</u>	Date <u>02-07-2005</u>
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VII. DATE OF NOTIFICATION TO THE SECRETARY OF THE TAXATION AND REVENUE DEPARTMENT:

SAN JUAN 28-5 UNIT

13

3003907457

REG_DTL_D

BLANCO MESAVERDE

6/1/2003	2212
7/1/2003	2341
8/1/2003	2321
9/1/2003	2258
10/1/2003	2365
11/1/2003	2234
12/1/2003	1936
1/1/2004	2178
2/1/2004	2068
3/1/2004	2513
4/1/2004	2385
5/1/2004	2086
6/1/2004	2359
7/1/2004	4261
8/1/2004	4310
9/1/2004	3534

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Operations Summary Report

Legal Well Name: SAN JUAN 28-5 UNIT #13

Common Well Name: SAN JUAN 28-5 UNIT #13

Event Name: CAP WORKOVER

Contractor Name: DRAKE WELL SERVICE

Rig Name: DRAKE

Start: 05/27/2004

Rig Release: 06/10/2004

Rig Number: 24

Spud Date: 08/11/1956

End: 06/10/2004

Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
05/28/2004	06:00 - 12:00	6.00	MIMO	a	MIRU	MIRU DRAKE #24.
	12:00 - 13:00	1.00	NUND	a	OBJECT	ND WH. NU BOP. PULL DONUT FREE.
	13:00 - 14:30	1.50	TRIP	a	OBJECT	TOH W/ 2 3/8" TBG.
	14:30 - 16:30	2.00	CASE	a	OBJECT	RU BLUEJET. RUN CCL/GR CORROSION STRIP. SET 5 1/2" CIBP @ 5650. PERF MENEFE 5405'-5634'. 1 SPF. 25 HOLES. RD WIRELINE.
	16:30 - 18:00	1.50	TRIP	a	OBJECT	TIH W/ 5 1/2" FULL BORE PKR. SET ABOVE CIBP @ 5650'.
	18:00 - 18:30	0.50	PRES	a	OBJECT	PRESSURE TEST CIBP TO 3000 PSI. OK
	18:30 - 18:45	0.25	TRIP	a	OBJECT	RELEASE PKR. MOVE PKR ABOVE ALL PERFS TO 5270'.
	18:45 - 19:15	0.50	PUMP	a	OBJECT	LOAD ANNULUS W/ 2% KCL WATER.
	19:15 - 19:45	0.50	PRES	a	OBJECT	ATTEMPT PRESSURE TEST CASING TO SURFACE. LOST VALVE IN PRESSURE TRUCK.
	19:45 - 20:30	0.75	PRES	a	OBJECT	BUMP PRESSURE UP SLOWLY W/ RIG PUMP. PRESSURE TEST ANNULUS TO 3000 PSI. HELD OK.
05/29/2004	20:30 - 21:00	0.50	RURD	a	OBJECT	RELEASE PKR. LET SWING. SI. CLOSE & LOCK RAMS.SDFN.
	06:00 - 07:00	1.00	RURD	a	OBJECT	TRAVEL TO LOC. WARM UP & PRIME EQUIP.
	07:00 - 08:00	1.00	FRAC	a	OBJECT	SET PKR @ 5372'. BREAKDOWN MENEFE W/ 500 GAL 15% HCL @ 5 BPM @ 800 PSI.
	08:00 - 08:30	0.50	TRIP	a	OBJECT	RELEASE PKR. PULL PKR ABOVE PERFS.
	08:30 - 11:30	3.00	NUND	a	OBJECT	HANG TBG ON PKR @ SURFACE. ND BOP. ND TBG HEAD. NU 5000# FRAC HEAD. NU BOP. PULL SURFACE PKR.
	11:30 - 13:00	1.50	TRIP	a	OBJECT	TOH W/ PKR.
06/02/2004	13:00 - 15:00	2.00	NUND	a	OBJECT	ND BOP. NU FRAC VALVE & Y. SI. LOCK RAMS. SDF/ WEEKEND.
	06:00 - 14:00	8.00	WAIT	a	OBJECT	W/O FRAC CREW TO BECOME AVAILABLE. 8 HR MAINTENANCE DAY. REPLACE BRAKE BLOCKS ON DRUM. REPAIR HYDRAULIC WINCH. CLEAN RIG.
06/04/2004	06:00 - 07:00	1.00	RURD	a	OBJECT	TRAVEL TO LOC. WARM UP & PRIME EQUIP.
	07:00 - 09:00	2.00	RURD	a	OBJECT	RU BJ FRAC EQUIP.
	09:00 - 09:15	0.25	SAFE	a	OBJECT	SAFETY MEETING.
	09:15 - 09:30	0.25	PRES	a	OBJECT	PRESSURE TEST LINES TO 4000 PSI.
	09:30 - 10:30	1.00	FRAC	a	OBJECT	FRAC MENEFE W/ 100,000# 20/40 BRADY SAND & 1165 BBL SLICKWATER W/ 778,200 SCF N2 AS 70Q FOAM. AVERAGE BH FOAM RATE @ 59 BPM. AVERAGE PRESSURE 2100 PSI.
	10:30 - 11:00	0.50	WAIT	a	OBJECT	W/O SAND TO SETTLE.
	11:00 - 11:30	0.50	CASE	a	OBJECT	RU BLUE JET. SET CIBP @ 4970'.
	11:30 - 11:45	0.25	PRES	a	OBJECT	PRESSURE TEST FRAC PLUG TO 3000 PSI. OK.
	11:45 - 13:00	1.25	PERF	a	OBJECT	PERF LEWIS W/ 1 SPF. 4471'- 4891'.
	13:00 - 14:00	1.00	FRAC	a	OBJECT	26 INTERVALS. 26 HOLES. FRAC LEWIS W/ 200,000# 20/40 BRADY SAND & 740 BBL 20# LINEAR GEL W/ 1,444,000 SCF N2 AS 75Q FOAM. AVERAGE BH FOAM RATE @ 55 BPM. AVERAGE PRESSURE @ 2510 PSI.
06/05/2004	14:00 - 15:00	1.00	RURD	a	OBJECT	RD FRAC EQUIP. RU FLOW LINE.
	15:00 - 06:00	15.00	FLOW	a	OBJECT	FLOW BACK FRAC THRU CHOKES. 12/64"- 1420 PSI- 1300 PSI. HVY FOAM. HVY MIST. LT SAND. 14/64"- 1300 PSI- 1150 PSI. HVY FOAM. HVY MIST. LT SAND. 16/64"- 1150 PSI- 950 PSI. HVY FOAM. HVY MIST. LT SAND. 18/64"- 950 PSI- 820 PSI. HVY FOAM. HVY MIST. LT SAND. CONT' FLOW BACK FRAC THRU CHOKES. 20/64"- 850 PSI- 700 PSI. HVY FOAM HVY MIST. LT SAND. 24/64"- 700 PSI- 350 PSI. HVY FOAM. HVY MIST. LT SAND. 32/64"- 350 PSI- 210 PSI. MOD FOAM. HVY MIST. TRACE SAND.

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Contractor Name: DRAKE WELL SERVICE

Rig Name: DRAKE

Spud Date: 08/11/1956

End: 06/10/2004

Start: 05/27/2004

Rig Release: 06/10/2004

Group:

Rig Number: 24

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
06/05/2004	06:00 - 06:00	24.00	FLOW	a	CLEAN	48/64"- 210 PSI- 40 PSI. LT FOAM. MOD MIST. TRACE SAND. OPEN ON 2". 40 PSI- 10 PSI. SURGING FLUID EVERY 15- 30 MIN. LT MIST. TRACE SAND.
06/06/2004	06:00 - 07:00	1.00	RURD	a	CLEAN	TRAVEL TO LOC. WARM UP & PRIME EQUIP.
	07:00 - 08:30	1.50	NUND	a	CLEAN	ND FRAC VALVE. NU BOP. RU BLOOE LINE & FLOOR.
	08:30 - 10:00	1.50	TRIP	a	CLEAN	TIH W/ 4 3/4" MILL.
	10:00 - 13:00	3.00	MILL	a	CLEAN	MILL UP CIBP @ 4970'.
	13:00 - 13:30	0.50	TRIP	a	CLEAN	TIH. TAG SAND FILL @ 5410'.
	13:30 - 17:00	3.50	BLOW	a	CLEAN	CO SAND FILL TO CIBP @ 5650'.
	17:00 - 06:00	13.00	BLOW	a	CLEAN	BLOW CLEAN OVERNIGHT. RETURNING 5-6 BPH W/ MOD/HVY SAND DOWN TO 3-4 BPH W/ LT SAND.
06/07/2004	06:00 - 06:00	24.00	BLOW	a	CLEAN	BLOW CLEAN OVER WEEKEND. RETURNING 3-4 BPH W/ LT SAND DOWN TO 1-2 BPH W/ TRACE SAND.
06/08/2004	06:00 - 07:00	1.00	RURD	a	CLEAN	TRAVEL TO LOC. WARM UP & PRIME EQUIP.
	07:00 - 07:30	0.50	BLOW	a	CLEAN	TAG 65' SAND FILL. BREAK CIRC W/ AIR MIST.
	07:30 - 09:30	2.00	BLOW	a	CLEAN	CO FILL. SLUGGING HVY SAND. BLOW CLEAN.
	09:30 - 12:30	3.00	MILL	a	CLEAN	MILL UP JUNK FROM CIBP @ 4970' ON TOP OF CIBP @ 5650'.
	12:30 - 16:00	3.50	MILL	a	CLEAN	MILLING UP CIBP @ 5650'. MILL STUCK. JUNK AROUND MILL.
	16:00 - 18:00	2.00	STUK	a	CLEAN	TRY TO WORK MILL FREE. CAN'T FREE UP MILL.
	18:00 - 06:00	12.00	BLOW	a	CLEAN	BLOW WELL OVERNIGHT TO KEEP SAND CLEANED UP.
06/09/2004	06:00 - 07:00	1.00	RURD	a	CLEAN	TRAVEL TO LOC. WARM UP & PRIME EQUIP.
	07:00 - 07:30	0.50	STUK	a	OBJECT	ATTEMPT TO WORK STUCK TBG FREE. STILL CAN'T WORK FREE.
	07:30 - 10:00	2.50	FISH	a	OBJECT	RU WIRELINE SPECIALTIES. FREE POINT TBG. SHOOT PREP SHOT & CHEMICAL CUT 2 3/8" TBG @ 5642'. RD WIRELINE.
	10:00 - 11:30	1.50	TRIP	a	OBJECT	TOH W/ TBG.
	11:30 - 12:30	1.00	PULD	a	OBJECT	PU 4 3/4" OVERSHOT W/ 2 3/8" GRAPPLE, BUMPER SUB, JARS, & DC'S.
	12:30 - 14:00	1.50	TRIP	a	OBJECT	TIH W/ FISHING TOOLS.
	14:00 - 14:30	0.50	FISH	a	OBJECT	LATCH & KNOCK FISH FREE.
	14:30 - 16:30	2.00	TRIP	a	OBJECT	TOH W/ FISH. LAY DOWN TOOLS.
	16:30 - 18:00	1.50	NUND	a	OBJECT	KILL WELL W/ 30 BBL 2% KCL WATER. ND BOP & 5000# FRAC HEAD. NU 3000# TBG HEAD. NU BOP.
						SDFN.
06/10/2004	06:00 - 07:00	1.00	RURD	a	CLEAN	TRAVEL TO LOC. WARM UP & PRIME EQUIP.
	07:00 - 07:30	0.50	FLOW	a	CLEAN	BLEED DOWN WELL.
	07:30 - 09:00	1.50	TRIP	a	CLEAN	TIH W/ 4 3/4" MILL.
	09:00 - 14:00	5.00	MILL	a	CLEAN	MILL UP CIBP @ 5650'.
	14:00 - 14:30	0.50	TRIP	a	CLEAN	PU TBG. TAG FILL @ 5775'.
	14:30 - 18:00	3.50	BLOW	a	CLEAN	CLEAN OUT HARD FILL TO 5805'.
	18:00 - 06:00	12.00	BLOW	a	CLEAN	BLOW CLEAN OVERNIGHT. RETURNING 1-2 BPH W/ TRACE SAND.
06/11/2004	06:00 - 07:00	1.00	RURD	a	CLEAN	TRAVEL TO LOC. WARM UP & PRIME EQUIP.
	07:00 - 08:30	1.50	TRIP	a	CLEAN	TOH W/ MILL.
	08:30 - 10:00	1.50	TRIP	a	CLEAN	TIH W/ EXP CHECK. TAG 30' SAND FILL.
	10:00 - 12:00	2.00	BLOW	a	CLEAN	CO FILL & BLOW CLEAN.
	12:00 - 12:30	0.50	FLOW	a	CLEAN	NATURAL FLOW 1/2 HR. TAG 2' FILL.
	12:30 - 13:30	1.00	BLOW	a	CLEAN	BLOW CLEAN.
	13:30 - 14:30	1.00	FLOW	a	CLEAN	NATURAL FLOW 1 HR. TAG NO FILL.
	14:30 - 15:30	1.00	NUND	a	CLEAN	RAN 2 3/8" EXP CHECK (NO GUTS); 2 3/8" X 1.780" ID SEATING NIPPLE; 1 JT 2 3/8", 4.7#, J-55, EUE, 8RD TBG;
						2 3/8" X 2' PUP JT F/ MARKER; & 183 JTS 2 3/8", 4.7#, J-55, EUE, 8RD TBG. LAND @ 5745' KB. SN @
						5744' KB. ND BOP. NU WH.
						FLOW UP ANNULUS & TBG. FINAL PITOT- 523 MCFPD.
	15:30 - 16:30	1.00	FLOW	a	CLEAN	

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Rig Release: 06/10/2004

Rig Number: 24

Spud Date: 08/11/1956

End: 06/10/2004

Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
06/11/2004	16:30 - 18:00	1.50	RURD	a	CLEAN	RD EQUIP.