

New Mexico
Energy Minerals and Natural Resources Department

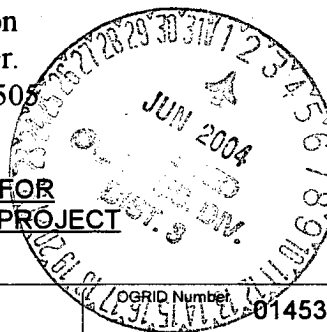
Form C-140
Revised 06/99

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

**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. LP Box 4289, Farmington, NM 87499						OGRID Number 014538
Contact Party Leslie D. White						Phone 505/326-9700
Property Name NAVAJO B				Well Number 6M		API Number 3004523638
UL D	Section 19	Township 27 N	Range 8 W	Feet From The 1190 FNL	Feet From The 790 FWL	County SAN JUAN

II. Workover

Date Workover Commence 12/03/2003	Previous Producing Pool(s) (Prior to Workover): BLANCO MESAVERDE BASIN DAKOTA
Date Workover Completed: 12/16/2003	

- 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>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>6-1-04</u> SUBSCRIBED AND SWORN TO before me this <u>1st</u> day of <u>June</u> , <u>2004</u> My Commission expires: <u>September 15, 2004</u> Notary Public <u>Nancy Oltmanns</u>		
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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 12/16/03.

Signature District Supervisor <u>378</u>	SUPERVISOR DISTRICT #3	Date
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VII. DATE OF NOTIFICATION TO THE SECRETARY OF THE TAXATION AND REVENUE DEPARTMENT:

JUN 01 2004

NAVAJO B 6M

3004523638

71599

72319

82329

REG	DTL	DT	GAS_PROD	GAS_PROD	GAS_PROD
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		01-Aug-02	114	555	
		01-Sep-02	95	465	
		01-Oct-02	91	443	
		01-Nov-02	43	210	
		01-Dec-02	33	156	
		01-Jan-03	56	272	
		01-Feb-03	31	150	
		01-Mar-03	23	113	
		01-Apr-03	0	0	
		01-May-03	0	0	
		01-Jun-03	0	0	
		01-Jul-03	26	126	
		01-Aug-03	0	0	
		01-Sep-03	0	0	
		01-Oct-03	0	6	
		01-Nov-03	731	3571	
		01-Dec-03	1199	1236	1199
		01-Jan-04	1157	1192	1157
		01-Feb-04	625	643	625
		01-Mar-04	2444	2519	2444

Operations Summary Report

Legal Well Name: NAVAJO B #6M
 Common Well Name: NAVAJO B #6M
 Event Name: CAP WORKOVER
 Contractor Name: DRAKE WELL SERVICE
 Rig Name: DRAKE

Spud Date: 02/01/1980
 Start: 12/03/2003 End: 12/16/2003
 Rig Release: 12/16/2003 Group:
 Rig Number: 24

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
12/04/2003	06:00 - 12:00	6.00	WAIT	a	MIRU	W/O TRUCKS.
	12:00 - 17:00	5.00	MIMO	a	MIRU	MIRU DRAKE #24. SPOT EQUIP. SDFN.
12/05/2003	06:00 - 07:00	1.00	RURD	a	OBJECT	TRAVEL TO LOC. WARM UP & PRIME EQUIP.
	07:00 - 08:00	1.00	NUND	a	OBJECT	KILL WELL W/ 40 BBL 2% KCL WATER. ND WH. NU BOP.
	08:00 - 10:00	2.00	WAIT	a	OBJECT	2 1/16" TBG IN WELL. W/O RAMS & ELEVATORS.
	10:00 - 12:00	2.00	TRIP	a	OBJECT	TOH W/ 2 1/16" TBG.
	12:00 - 13:00	1.00	CASE	a	OBJECT	RU BLACK WARRIOR WIRELINE. RUN & SET 5 1/2" CIBP @ 3700'.
	13:00 - 14:00	1.00	PUMP	a	OBJECT	ATTEMPT TO LOAD HOLE. PUMPED 135 BBL. (88 BBL TO LOAD CASING). CANNOT CATCH FLUID.
	14:00 - 15:00	1.00	CASE	a	OBJECT	RUN CBL/CCL/GR FROM CIBP @ 3700'. SMALL AMOUNT OF CEMENT FROM 3700' TO 3640'. NO CEMENT FROM 3640' UP. FLUID LEVEL ONLY @ 2600'. CANNOT LOG ABOVE 2600'.
	15:00 - 18:30	3.50	PULD	a	OBJECT	PU PKR & PU 2 3/8" TBG OFF FLOAT. ATTEMPT PRESSURE TEST JUST BELOW STAGE TOOL @ 2169'. CANNOT CATCH FLUID DOWN TBG. PU TBG. ATTEMPT PT @ 3000'. CANNOT CATCH PRESSURE. PU TBG. ATTEMPT PT @ 3325'. CATCH PRESSURE. PUMPING IN @ 4.0 BPM @ 400 PSI. SDFN.
12/06/2003	06:00 - 07:00	1.00	RURD	a	OBJECT	TRAVEL TO LOC. WARM UP & PRIME EQUIP.
	07:00 - 08:00	1.00	PRES	a	OBJECT	SET PKR @ 3680'. PT FAILED. SET PKR 1' ABOVE CIBP @ 3700'. PT-FAILED. PT ANNULUS TO 1000 PSI. OK.
	08:00 - 09:00	1.00	TRIP	a	OBJECT	TOH W/ PKR.
	09:00 - 10:00	1.00	CASE	a	OBJECT	RU BLACK WARRIOR. SET NEW CIBP @ 3685'. RD W/L.
	10:00 - 10:30	0.50	PRES	a	OBJECT	SET PKR BELOW WH @ 30'. PT CSG. PUMPING IN @ 2.5 BPM @ 1800 PSI.
	10:30 - 11:30	1.00	TRIP	a	OBJECT	TIH W/ PKR.
	11:30 - 14:30	3.00	PRES	a	OBJECT	ISOLATE CSG LEAK. SETTINGS @ 2295', & 2922'. HOLE BELOW. CSG ABOVE TEST- 3000 PSI. PT CIBP @ 3685'- 3000 PSI. OK. SET PKR @ 2985'. HOLE BELOW. CSG ABOVE TEST 3000 PSI. HOLE IN ZONE.
	14:30 - 15:30	1.00	TRIP	a	OBJECT	TOH W/ PKR.
	15:30 - 16:00	0.50	PERF	a	OBJECT	RU BLACK WARRIOR. SHOOT SQZE HOLES @ 2965'. (9' ABOVE TOP PROJECTED PERF). RD W/L.
	16:00 - 16:45	0.75	TRIP	a	OBJECT	TIH W/ 5 1/2" CEMENT RETAINER. SET @ 2922'.
	16:45 - 17:30	0.75	CEMT	a	OBJECT	ESTABLISH RATE @ 2.5 BPM @ 1550 PSI. MIX & PUMP 300 SX CLASS G NEAT @ 2.5 BPM @ 1150 PSI. PRESSURE UP TO 1550 PSI. DISPLACE W/ 11.0 BBL WATER. PRESSURE TO 2000 PSI. STING OUT OF RETAINER.
	17:30 - 18:00	0.50	TRIP	a	OBJECT	TOH W/ TBG. SI. SDFN.
12/07/2003	06:00 - 07:00	1.00	RURD	a	OBJECT	TRAVEL TO LOC. WARM UP & PRIME EQUIP.
	07:00 - 08:00	1.00	TRIP	a	OBJECT	TIH W/ 4 3/4" BIT.
	08:00 - 12:00	4.00	DRLG	a	OBJECT	DRILL UP RETAINER @ 2922'.
	12:00 - 13:00	1.00	DRLG	a	OBJECT	ATTEMPT TO DRILL CEMENT. DRILL FROM 2922' TO 2960'. CEMENT VERY GREEN. SI. SDFN.
12/09/2003	05:30 - 07:00	1.50	SRIG	a	OBJECT	CREW TRAVEL, RIG SER. HSM
	07:00 - 07:30	0.50	RURD	a	OBJECT	R/U PUMP & CIRC. HOLE @ 2936'
	07:30 - 17:00	9.50	DRLG	a	OBJECT	DRLG CMT. F/2936' T/ 3198'
	17:00 - 17:30	0.50	TRIP	a	OBJECT	L/D 2 JT. 2 3/8 TUB. DRAIN PUMP & LINES
12/10/2003	05:30 - 07:00	1.50	SRIG	a	OBJECT	SECURE LOC. SDFN
	07:00 - 08:00	1.00	RURD	a	OBJECT	CREW TRAVEL, RIG SER.
	08:00 - 10:30	2.50	TRIP	a	OBJECT	START EQUIP. SAFETY MEETING
	10:30 - 17:00	6.50	DRLG	a	OBJECT	TOOH, TIH W/ 4 3/4 BLADE BIT
	17:00 - 17:30	0.50	RURD	a	OBJECT	DRLG CMT. F/3198' T/ 3538'
						L/D 2 JT. 2 3/8 TUB. DRAIN PUMP

Operations Summary Report

Legal Well Name: NAVAJO B #6M
 Common Well Name: NAVAJO B #6M
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 Contractor Name: DRAKE WELL SERVICE
 Rig Name: DRAKE

Start: 12/03/2003
 Rig Release: 12/16/2003
 Rig Number: 24

Spud Date: 02/01/1980
 End: 12/16/2003
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
12/10/2003	17:00 - 17:30	0.50	RURD	a	OBJECT	SECURE LOC. SDFN
12/11/2003	05:30 - 07:00	1.50	SRIG	a	OBJECT	CERW TRAVEL, HSM
	07:00 - 08:00	1.00	RURD	a	OBJECT	START EQUIP, RIG SER.
	08:00 - 10:00	2.00	DRLG	a	OBJECT	DRLG CMT. F/ 3538' T/ 3645', NO CMT. F/3645' T/ 3678'
	10:00 - 11:00	1.00	CIRC	a	OBJECT	CIRC. DISP. HOLE W/ CLEAN 2% KCL
	11:00 - 12:00	1.00	TRIP	a	OBJECT	TOOH W/ 2 3/8 TUB. L/D BLADE BIT
	12:00 - 13:00	1.00	WIRE	a	OBJECT	R/U BWVC RUN GR. CCL.CBL. F/ 3683' T/1540'
	13:00 - 14:00	1.00	WELH	a	OBJECT	WELL HEAD REPAIR, REPACK SEALS, PRESS TEST 2500 PSI OK
	14:00 - 17:00	3.00	TRIP	a	OBJECT	STRAP & P/U 2 3/8 TUB. OFF FLOAT, STAND IN DAK.
	17:00 - 17:30	0.50	RURD	a	OBJECT	DRAIN PUMP & LINES, SECURE LOC. SDFN
12/12/2003	06:00 - 07:30	1.50	SAFE	a	OBJECT	CREW TRAVEL, HSM
	07:30 - 09:30	2.00	RURD	a	OBJECT	CHANGE RAMS, RIG SER. CLEAN CMT. OUT BOP
	09:30 - 14:00	4.50	TRIP	a	OBJECT	TIH W/ 2 1/16 TUB. L/D ON FLOAT
	14:00 - 16:00	2.00	RURD	a	OBJECT	CLEAN CMT. OUT PIT.
12/13/2003	06:00 - 07:00	1.00	SRIG	a	OBJECT	SECURE LOC. SDFN
	07:00 - 08:00	1.00	WIRE	a	OBJECT	CREW TRAVEL, RIG SER. HSM
						R/U BWVC & PERF. CHACRA TOTAL 25 SHOTS @ 3364'-3349'-3346'-3334'-3331'-3324'-3318'-3261'3246' 3239'-3166'-3161'-3155'-3145'-3140'-3130'-3121'-3025'-3023'-3021'-3003' -3002'-2999'-2994'-2989' @ 1SPF
	08:00 - 09:00	1.00	RURD	a	OBJECT	SET PACKER, R/U BR ISOLATION TOOL
	09:00 - 12:30	3.50	WAIT	a	OBJECT	W/ ON SCHLUMBERGER FRAC.
	12:30 - 14:30	2.00	RURD	a	OBJECT	R/U FRAC. CREW
	14:30 - 16:00	1.50	FRAC	a	OBJECT	FRAC. CHACRA W/ 20# LINEAR 75% N2 FOAM FORM. BREAKDOWN 1927 PSI @ 3 BPM FRAC. LOAD 648 BBLs. FLUSH 25 BBLs. TOTAL LOAD 673 BBLs. TOTAL N2 1,261,900 SCF, ISIP 1706 PSI. MAX PSI 2892 MAX RATE 56 BPM MIN PSI 2294 MIN RATE 50 BPM AVG PSI 2545 AVG RATE 53 BPM 20/40 ARIZONA 200.000# BULL HEAD 10 BBLs 15% ACID IN FRONT FRAC. R/D FRAC. CREW
	16:00 - 17:00	1.00	RURD	a	OBJECT	
	17:00 - 17:30	0.50	RURD	a	OBJECT	R/U FLOW BACK & FLOW WELL
						TIME CHCK PSI H2O SAND N2
						1700 14/64 1700 LT. TR HVY
						2100 14/64 1550 LT. LT. HVY
						2300 16/64 1540 LT. LT. HVY
						2400 20/64 1480 LT. LT. HVY
						0200 24/64 1180 LT. TR HVY
						0400 32/64 1100 LT. TR. HVY
						0500 48/64 450 LT. TR. HVY
12/14/2003	06:00 - 10:00	4.00	SRIG	a	OBJECT	CREW TRAVEL, RIG SER. HSM
						FLOW BACK
						TIME CHOCK PSI H2O SAND N2
						0600 48/64 380 7/8 BBL LT. HVY
						0800 48/64 150 7/8 BBL LT. HVY
						0900 48-32/64 75 7-8 BBL LT. HVY
						1000 2" 40 7-8 BBL LT. HVY
	10:00 - 10:30	0.50	KILL	a	OBJECT	KILL WELL W/ 50 BBL 2% KCL
	10:30 - 11:30	1.00	RURD	a	OBJECT	R/D ISOLATION TOOL, PULL PACKER, CHANGE RAMS
	11:30 - 12:30	1.00	TRIP	a	OBJECT	TIH W/ 4 3/4 MILL TAG @ 3505'

Operations Summary Report

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 Rig Name: DRAKE

Start: 12/03/2003
 Rig Release: 12/16/2003
 Rig Number: 24

Spud Date: 02/01/1980
 End: 12/16/2003
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
12/14/2003	12:30 - 17:00	4.50	COUT	a	OBJECT	C/O W/ AIR MIST F/ 3505' T/ 3685' CIBP
	17:00 - 17:30	0.50	TRIP	a	OBJECT	TOOH T/ 3343' BOTTOM OF PERFS. SECURE LOC. SDFN
	17:30 - 06:00	12.50	FLOW	a	OBJECT	FLOW BACK WELL NATURAL ALTERNATE W/ AIR FLOWING NATURAL 3-4 BPH WATER LT. SAND FLOW W/ AIR SURGE 6 BPH HVY FOAM 6 BPH WATER
12/15/2003	06:00 - 07:00	1.00	SRIG	a	OBJECT	CREW TRAVEL, RIG SER. HSM
	07:00 - 08:00	1.00	TRIP	a	OBJECT	TIH TAG @ 3680' - 5' FILL
	08:00 - 11:30	3.50	MILL	a	OBJECT	MILL CIBP @ 3685' W/ AIR MIST
	11:30 - 13:30	2.00	MILL	a	OBJECT	MILL CIBP @ 3700' W/ AIR MIST
	13:30 - 15:00	1.50	TRIP	a	OBJECT	TIH TAG @ 6692' - 15' FILL
	15:00 - 16:30	1.50	COUT	a	OBJECT	C/O @ 6707' CIBP W/ AIR MIST
	16:30 - 17:30	1.00	TRIP	a	OBJECT	TOOH 38 STD. T/ 4320', R/U FLOW BACK SECURE LOC. SDFN
	17:30 - 06:00	12.50	FLOW	a	OBJECT	FLOW BACK WELL NATURAL ALTERNATE W/ AIR 3 BPH & TR SAND
12/16/2003	06:00 - 08:00	2.00	RURD	a	CLEAN	TRAVEL TO LOC. SHUT DOWN TODAY DUE TO HIGH WINDS. BLOWING MIST TOWARDS HOUSE.
12/17/2003	06:00 - 07:00	1.00	RURD	a	CLEAN	TRAVEL TO LOC. WARM UP & PRIME EQUIP.
	07:00 - 08:00	1.00	FLOW	a	CLEAN	SHUT IN OVERNIGHT- 450 PSI. BLEED DOWN WELL.
	08:00 - 09:30	1.50	TRIP	a	CLEAN	TOH W/ MILL.
	09:30 - 12:00	2.50	FLOW	a	CLEAN	FLOW WELL W/ TBG OUT OF HOLE. RETURNING 13 BPH W/ NO SAND DOWN TO 3.5 BPH W/ NO SAND.
	12:00 - 14:00	2.00	TRIP	a	CLEAN	TIH W/ EXP CHECK. TAG NO FILL.
	14:00 - 14:30	0.50	BLOW	a	CLEAN	UNLOAD HOLE.
	14:30 - 15:00	0.50	PULD	a	CLEAN	LAY DOWN 42 JTS 2 3/8" TBG.
	15:00 - 16:00	1.00	NUND	a	CLEAN	RAN 2 3/8" EXP CHECK; 2 3/8" X 1.780" SEATING NIPPLE; 1 JT 2 3/8", 4.7#, J-55, EUE, 8RD TBG; 2 3/8" X 2' PUP JT F/ MARKER; & 167 JTS 2 3/8", 4.7#, J-55, EUE, 8RD TBG. LAND @ 5322' KB. SN @ 5321' KB. ND BOP. NU WH.
	16:00 - 16:30	0.50	BLOW	a	CLEAN	PUMP OFF CHECK & BLOW CLEAN.
	16:30 - 17:30	1.00	FLOW	a	CLEAN	FLOW WELL UP ANNULUS. FINAL PITOT- 1150 MCFPD.
	17:30 - 18:00	0.50	FLOW	a	CLEAN	FLOW WELL UP TBG TO MAKE SURE CHECK PUMPED OFF. SI. TURN WELL TO PRODUCTION.
						211 JTS 2 3/8" TBG DELIVERED TO LOC. RAN 168 JTS IN WELL. SEND 42 JTS BACK TO YARD. TRANSFER 10 JTS 2 3/8" USED W/ RIG TO NEWSOME B COM #502.