

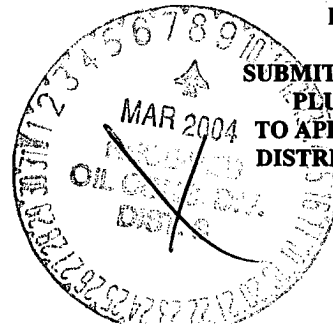
New Mexico
Energy Minerals and Natural Resources Department

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**

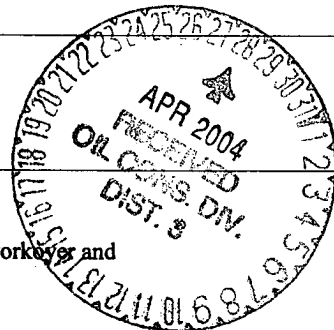


I. Operator and Well

Operator name address Burlington Resources Oil and Gas Co. LP Box 4289, Farmington, NM 87499					OGRID Number 014538	
Contact Party Leslie D. White					Phone 505/326-9700	
Property Name HOWELL			Well Number 4A		API Number 3004526470	
UL J	Section 27	Township 28 N	Range 8 W	Feet From The 1690 FSL	Feet From The 1780 FEL	County SAN JUAN

II. Workover

Date Workover Commence 5/13/2003	Previous Producing Pool(s) (Prior to Workover): BLANCO MESAVERDE
Date Workover Completed: 5/19/2003	



- 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 New Mexico)
County of San Juan) ss.
Leslie D. White, 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 Leslie D. White Title Sr. Accountant Date 3/5/04
SUBSCRIBED AND SWORN TO before me this 5 day of March, 2004.
My Commission expires: September 16, 2004
Notary Public Tamatha Winscott

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 5/19/03.

Signature District Supervisor	SUPERVISOR DISTRICT #3 OCD District	Date
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VII. DATE OF NOTIFICATION TO THE SECRETARY OF THE TAXATION AND REVENUE DEPARTMENT:

HOWELL 4A 3004526470

72319

82329

REG_DTL_DT GAS_PROD GAS_PROD

01-May-02	2242	
01-Jun-02	1689	
01-Jul-02	2041	
01-Aug-02	2010	
01-Sep-02	2093	
01-Oct-02	1968	
01-Nov-02	1959	
01-Dec-02	2065	
01-Jan-03	1697	
01-Feb-03	1661	
01-Mar-03	1952	
01-Apr-03	1725	
01-May-03	2592	
01-Jun-03	2397	2397
01-Jul-03	2131	2131
01-Aug-03	1920	1919

BURLINGTON RESOURCES DIVISIONS

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Operations Summary Report

Legal Well Name: HOWELL #4A
 Common Well Name: HOWELL #4A
 Event Name: CAP WORKOVER
 Contractor Name: AZTEC WELL SERVICE
 Rig Name: AZTEC

Start: 05/13/2003
 Rig Release: 05/19/2003
 Spud Date: 05/19/2003
 Group:
 Rig Number: 521

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
05/14/2003	11:00 - 12:00	1.00	MIMO	a	OBJECT	ROAD RIG TO LOCATION, SPOT RIG
	12:00 - 13:00	1.00	RURD	a	OBJECT	RU RIG, NU 2" BLOW LINE TO PIT
	13:00 - 14:00	1.00	BLOW	a	OBJECT	SITP 0 PSI, SICP 290 PSI, BH OPEN
	14:00 - 15:00	1.00	NUND	a	OBJECT	UNSEAT TBG HANGER, PU & REMOVE TBG HANGER, NU STRIPPER HEAD, PU 1 JT & TAG 25' IN
05/15/2003	15:00 - 17:00	2.00	TRIP	a	OBJECT	TOOH & TALLY 175 JTS 2.375" TBG, SECURE LOCATION, SDFN
	06:00 - 07:00	1.00	SRIG	a	OBJECT	TRAVEL TO LOCATION, SERVICE & START RIG, SIWHP 120 PSI
	07:00 - 07:15	0.25	SAFE	a	OBJECT	HSM, TOPIC: WORKING W TOOL HAND, RUNNING CIBP & PACKER, RIG CREW PRESENT
	07:15 - 07:30	0.25	KILL	a	OBJECT	KILL WELL W 15 BBLS 2% KCL
	07:30 - 08:45	1.25	TRIP	a	OBJECT	PU & RIH W 4 1/2" CIBP ON 140 JTS TBG, SET @ 4310'
	08:45 - 09:30	0.75	PUMP	a	OBJECT	LOAD CSG W 140 BBLS 2% KCL
	09:30 - 10:00	0.50	TEST	a	OBJECT	PU & SET 7" PACKER @ 30', PRESSURE TEST CSG TO 3000 PSI, PULL PACKER
	10:00 - 10:30	0.50	PUMP	a	OBJECT	PUMP 600 GALS 15% HCL TRIPLE INHIBITED ACROSS PERF ZONE FROM 4187' TO 3336'
	10:30 - 11:30	1.00	NUND	a	OBJECT	TOOH & LD SETTING TOOL
	11:30 - 12:15	0.75	PERF	a	OBJECT	RU BWWC, PERF CHACRA W 26 SHOTS, 1 SPF, 0.33" DIAMETER, 25.89" PENETRATION, 12 GRAM CHARGE (GOEX XII-GM) @ 3336, 3404, 3476, 3523, 3642, 3651, 3654, 3657, 3685, 3767, 3772, 3785, 3795, 3805, 3832, 3836, 3905, 3918, 3965, 3977, 4031, 4038, 4094, 4123, 4181, 4187, ALL SHOT FIRED
05/16/2003	12:15 - 13:00	0.75	NUND	a	OBJECT	TIH W 7" PACKER ON 8' x 2.875" N-80 PUP JT & 6' x 2.875" N-80 PUP JT, SET PACKER @ 26', NU FRAC MANDREL, FRAC VALVE & FRAC Y
	13:00 - 17:00	4.00	WAIT	a	OBJECT	WAIT ON FRAC CREW, SECURE LOCATION, SDFN
	06:00 - 07:00	1.00	SRIG	a	OBJECT	TRAVEL TO LOCATION, SERVICE & START RIG
	07:00 - 07:15	0.25	SAFE	a	OBJECT	HSM, TOPIC: COMMUNICATION W FELLOW CREW MEMBERS, WORKING W FRAC CREW, RIG CREW PRESENT
	07:15 - 08:00	0.75	RURD	a	OBJECT	RU DOWELL FRAC EQUIPMENT
	08:00 - 08:15	0.25	SAFE	a	OBJECT	HOLD PREJOB SAFETY MEETING, 22 PEOPLE ON LOCATION
	08:15 - 08:30	0.25	PRES	a	OBJECT	PRESSURE TEST SURFACE LINES TO 4000 PSI
	08:30 - 09:30	1.00	FRAC	a	OBJECT	FRAC CHACRA W 20 # LINEAR GEL BREAKDOWN W 5 BPM 2% KCL @ 826 PSI PUMP 10,000 GAL 75 QUALITY FOAM 25# LINEAR GEL @ 40 TO 50 BPM @ 2025 TO 2369 PSI PUMP APPROX 200,000# 20/40 BRADY SAND @ 1-3 PPG @ 52 TO 57 BPM @ 2369 TO 2157 PSI 75 QUALITY FOAM, 20# LINEAR GEL DISPLACE W 31 FLUID BBLS & 53,500 SCF N2 MAX RATE 57 BPM, MIN RATE 40 BPM, AVG RATE 53 BPM MAX PSI 2369, MIN PSI 2025, AVG PSI 2300 FRAC LOAD 627 BBLS, FLUSH 31 BBLS TOTAL LOAD 658 BBLS 1,402,500 SCF N2, 200,000# 20/40 BRADY ISIP 1510
	09:30 - 11:30	2.00	NUND	a	OBJECT	ND DOWELL, NU FLOW BACK LINES
	11:30 - 06:00	18.50	FLOW	a	OBJECT	1130 HRS, 1330 PSI SHUT IN PRESSURE, OPEN ON 10/64 CHOKE 1330 HRS, 14/64 CHOKE, 1100 PSI, HM, HF, LS 1500 HRS, 18/64 CHOKE, 1140 PSI, HM, HF, LS 2130 HRS, 24/64 CHOKE, 920 PSI, HM, HF, MS 2330 HRS, 32/64 CHOKE, 710 PSI, HM, HF, TS 0130 HRS, 48/64 CHOKE, 600 PSI, HM, MF, LS 0330 HRS, 2-48/64 CHOKES, 260 PSI, HM, MF, LS 0500 HRS, 2" LINE, 95 PSI, HM, MF, LS

BURLINGTON RESOURCES DIVISIONS

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Operations Summary Report

Legal Well Name: HOWELL #4A
 Common Well Name: HOWELL #4A
 Event Name: CAP WORKOVER
 Contractor Name: AZTEC WELL SERVICE
 Rig Name: AZTEC

Start: 05/13/2003 Spud Date:
 Rig Release: End: 05/19/2003
 Rig Number: 521 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
05/17/2003	06:00 - 07:00	1.00	SRIG	a	OBJECT	TRAVEL TO LOCATION, SERVICE & START RIG
	07:00 - 07:15	0.25	SAFE	a	OBJECT	HSM, TOPIC: PICKING UP & SETTING BACK POWER SWIVEL, RIG CREW PRESENT
	07:15 - 07:30	0.25	BLOW	a	OBJECT	BLOW WELL TO PIT @ 25 PSI SURGING
	07:30 - 07:45	0.25	SAFE	a	OBJECT	HSM, PROCEDURE TO USE DURING ND FRAC EQUIP & RELEASING PACKER
	07:45 - 08:15	0.50	KILL	a	OBJECT	KILL WELL W 30 BBLS KCL
	08:15 - 11:00	2.75	NUND	a	OBJECT	ND WELLHEAD FRAC EQUIPMENT, RELEASE & TOOH W 7" PACKER, NU BLOOIE LINE
	11:00 - 12:00	1.00	TRIP	a	OBJECT	PU & TIH W 3.875" MILL ASSY, TAG FILL @ 4245'
	12:00 - 12:30	0.50	COUT	a	OBJECT	PU POWER SWIVEL, CO TO CIBP @ 4310'
	12:30 - 13:15	0.75	MILL	a	OBJECT	EST CIRC W 1400 CFM & 15 BPM MIST, MILL CIBP IN 15 MINS
	13:15 - 14:15	1.00	TRIP	a	OBJECT	TIH W MILL ASSY ON 177 JTS TBG TO BPTD @ 5388'
	14:15 - 16:00	1.75	COUT	a	OBJECT	PU POWER SWIVEL, EST CIRC W 1400 CFM & 15 BPH MIST, CO TO PBTD
	16:00 - 17:00	1.00	TRIP	a	OBJECT	TOOH W MILL TO TOP OF LINER
	17:00 - 06:00	13.00	FLOW	a	OBJECT	FLOW WELL NATURAL UP ANNULUS
						W/FLOW TESTERS, BUCKET TST:
						TIME:-----WTR:-----SAN
05/18/2003	06:00 - 06:00	24.00	FLOW	a	OBJECT	D: 20:00 2.2 BPH
						TRACE
						00:00 1.7 BPH
						TRACE
						05:00 1.2 BPH
						TRACE
						FLOW WELL NATURAL UP ANNULUS
						W/FLOW TESTERS, BUCKET TST:
						TIME:-----WTR:-----SAN
						D: 07:00 2.2 BPH
						TRACE
						10:00 1.7 BPH
						TRACE
						13:00 1.2 BPH
						TRACE
05/20/2003	06:00 - 07:00	1.00	MIMO	a	OBJECT	16:00 1.0 BPH
						TRACE
						19:00 1.1 BPH
						TRACE
						00:00 0.8 BPH
						TRACE
						03:00 1.2 BPH
						TRACE
						05:00 1.0 BPH
						TRACE
						CREW TRAVEL
						TOOH L/D MILL
						TIH W/ EXP.CHECK STAGE IN HOLE 12' FILL
						LAND 175 JT. 2 3/8 TUB,SET @ 5322' SN @ 5300'
						N/D BOP,N/U MASTER VALVE,PUMP CHECK,FLOW NATURAL

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Legal Well Name:	HOWELL #4A		
Common Well Name:	HOWELL #4A		Spud Date:
Event Name:	CAP WORKOVER	Start:	05/13/2003
Contractor Name:	AZTEC WELL SERVICE	End:	05/19/2003
Rig Name:	AZTEC	Rig Release:	Group:
		Rig Number:	521

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
05/20/2003	14:00 - 15:00 15:00 - 18:00	1.00 3.00	RURD MIMO	a a	OBJECT OBJECT	RIG DOWN,PITOT 5 OZ.354 MCF R/D MOVE TO HOWELL # 3A