

New Mexico
Energy Minerals and Natural Resources Department

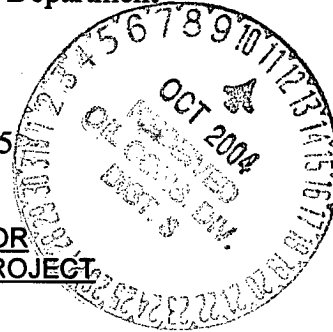
Form C-140
Revised 06/99

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 + 33113	
Contact Party Leslie D. White					Phone 505/326-9700	
Property Name HARE			Well Number 3		API Number 3004508652	
UL M	Section 03	Township 29 N	Range 10 W	Feet From The 990 FSL	Feet From The 990 FWL	County SAN JUAN

II. Workover

Date Workover Commenced 02/20/2004	Previous Producing Pool(s) (Prior to Workover): AZTEC PICTURED CLIFFS (GAS)
Date Workover Completed: 03/04/2004	

- 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>10/7/04</u>
SUBSCRIBED AND SWORN TO before me this <u>7th</u> day of <u>October</u> , <u>2004</u>	
My Commission expires: <u>9/15/08</u>	Notary Public <u>Patricia L. Chught</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 3/4, 04.

Signature District Supervisor <u>SS. J</u>	OCD District <u>3</u>	Date <u>10/11/04</u>
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VII. DATE OF NOTIFICATION TO THE SECRETARY OF THE TAXATION AND REVENUE DEPARTMENT:

HARE

3

3004508652

REG_DTL_D	AZTEC PICTURED CLIFFS (GAS)
03/01/2003	3435
04/01/2003	3320
05/01/2003	2957
06/01/2003	3256
07/01/2003	3539
08/01/2003	3444
09/01/2003	3073
10/01/2003	3506
11/01/2003	3198
12/01/2003	3293
01/01/2004	3339
02/01/2004	1916
03/01/2004	2264
04/01/2004	4385
05/01/2004	5290
06/01/2004	3615

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Operations Summary Report

Legal Well Name: HARE #3
 Common Well Name: HARE #3
 Event Name: CAP WORKOVER
 Contractor Name: AZTEC WELL SERVICE
 Rig Name: AZTEC

Spud Date: 03/22/1956
 Start: 02/20/2004
 End: 03/04/2004
 Rig Release: 03/04/2004
 Group:
 Rig Number: 521

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
02/21/2004	14:00 - 16:00	2.00	MIMO	a	OBJECT	ROAD RIG TO HARE 3, SPOT RIG & EQUIPMENT, SITP 100 PSI, SICIP 100 PSI, BRADENHEAD OPEN, NO FLOW
	16:00 - 17:00	1.00	RURD	a	OBJECT	RU RIG & EQUIPMENT, SDFN
02/24/2004	06:00 - 06:30	0.50	MIMO	a	OBJECT	CREW TRAVEL TO LOCATION, SERVICE & STAR RIG
	06:30 - 07:00	0.50	SAFE	a	OBJECT	HSM. TOPIC: WORKING W NEW CREW MEMBER
	07:00 - 08:00	1.00	NUND	a	OBJECT	SITP 100 PSI, SICIP 100 PSI, BRADENHEAD OPEN, LAY BLOW LINE TO PIT, ND WH, NU BOP, RU FLOOR, UNSEAT TBG HANGER
	08:00 - 09:15	1.25	TRIP	a	OBJECT	TOOH & LD 105 JTS & 1 PERFORATED JT 1" TBG
	09:15 - 10:00	0.75	NUND	a	OBJECT	CHANGE OVER TO 2.375" HANDLING TOOLS, SPOT TRAILER W NEW 2.375" TBG
	10:00 - 12:00	2.00	TRIP	a	OBJECT	TALLY, RABBIT & TIH W 5 1/2" RBP ON 72 JTS 2.375" TBG, SET RBP
	12:00 - 12:45	0.75	PUMP	a	OBJECT	LOAD CSG W 50 BBLS 2% KCL
	12:45 - 13:00	0.25	PCKR	a	OBJECT	PU & TIH W 5 1/2" PACKER, SET @ 30'
	13:00 - 13:45	0.75	TEST	a	OBJECT	PRESSURE TEST CSG TO 2500 PSI, TEST OK
	13:45 - 14:15	0.50	NUND	a	OBJECT	REPLACE CSG VALVE ON WELLHEAD
	14:15 - 15:30	1.25	TRIP	a	OBJECT	TOOH & LD PACKER & RBP
	15:30 - 17:00	1.50	NUND	a	OBJECT	TIH & SET PACKER @ 25', NU FRAC MANDREL, FRAC VALVE & FRAC Y, SECURE LOCATION, SDFN
02/27/2004	06:00 - 06:30	0.50	MIMO	a	OBJECT	CREW TRAVEL TO LOCATION, SERVICE & STAR RIG
	06:30 - 07:00	0.50	SAFE	a	OBJECT	HSM. TOPIC: WORKING W FRAC CREWS DURING RIG UP OPERATIONS
	07:00 - 09:15	2.25	RURD	a	OBJECT	SPOT & R/U SCHLUMBERGER DOWELL
	09:15 - 09:30	0.25	SAFE	a	OBJECT	HOLD SAFETY MEETING W/ 19 PEOPLE, DISCUSS SAFETY REGULATIONS, REVIEW EMERGENCY RESPONSE
	09:30 - 10:00	0.50	STIM	a	OBJECT	RESTIM PICTURED CLIFFW 20# LINEAR & 70% N2 FOAM
						FRAC LOAD 289 BBLS, FLUSH 15 BBLS, TOTAL LOAD 304 BBLS
						TOTAL N2 353,400 SCF, 100,000# BRADY SAND
						MAX 1540 PSI, MIN 1045 PSI, AVE 1380 PSI
						MAX RATE 46, MIN RATE 20, AVE RATE 45
						ISIP 1100 PSI
	10:00 - 11:00	1.00	RURD	a	OBJECT	RD DOWELL, RU FLOW BACK LINES
	11:00 - 18:00	7.00	FLOW	a	OBJECT	1100 HRS, SHUT IN WELLHEAD 650 PSI, OPEN ON 12/64 CHOKE
						1130 HRS, 200 PSI, 12/64 CHOKE, HM, NS
						1200 HRS, 175 PSI, 14/64 CHOKE, MM, NS
						1300 HRS, 120 PSI, 16/64 CHOKE, HM, NS
						1400 HRS, 35 PSI, 20/64 CHOKE, HM, TS
						1500 HRS, 10 PSI, 32/64 CHOKE, HM, NS
						1530 HRS, 4 PSI, 22/64 CHOKE, LM, NS
						1600 HRS, NO FLOW, SHUT IN FOR BUILD UP
						1700 HRS, 35 PSI SIP, OPEN ON 32/64 CHOKE, BLOW DOWN TO NO FLOW, SHUT IN UNTIL TOMORROW AM, RELEASE FLOW BACK CREW
02/28/2004	06:00 - 06:30	0.50	MIMO	a	OBJECT	CREW TRAVEL TO LOCATION, SERVICE & STAR RIG
	06:30 - 07:00	0.50	SAFE	a	OBJECT	HSM. TOPIC: WORKING AROUND AIR PACKAGE HIGH PRESSURE LINES
	07:00 - 08:30	1.50	NUND	a	OBJECT	NU BLOOIE LINE TO PIT, ND FRAC Y, FRAC VALVE & FRAC MANDREL, CHANGE OVER TO 2.375" PIPE RAMS
	08:30 - 10:00	1.50	TRIP	a	OBJECT	PU & TIH W SAW TOOTH COLLAR, X-CHECK, SEATING NIPPLE, 1 JT 2.375" J-55 TBG, 2.11' X 2.375" J-55 PUP JT & 72 JTS 2.375" J-55 TBG, TAG FILL @ 2270'
	10:00 - 06:00	20.00	COUT	a	OBJECT	RU AIR, EST CIRC W 1350 CFM AIR & 10 BPH MIST, CO TO PBTD @

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Operations Summary Report

Legal Well Name: HARE #3

Common Well Name: HARE #3

Event Name: CAP WORKOVER

Contractor Name: AZTEC WELL SERVICE

Rig Name: AZTEC

Start: 02/20/2004

Rig Release: 03/04/2004

Rig Number: 521

Spud Date: 03/22/1956

End: 03/04/2004

Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
02/28/2004	10:00 - 06:00	20.00	COUT	a	OBJECT	2335', ALTERNATE BLOW & FLOW WELL NATURAL 1000 HRS, 1300 CFM AIR & 10 BPH MIST, 2 CPS SD, 20 BPH RTN 1200 HRS, 1300 CFM AIR & 5 BPH MIST, 2 CPS SD, 14 BPH RTN 1400 HRS, 1300 CFM AIR & 5 BPH MIST, 2 CPS SD, 12 BPH RTN 1500 HRS, 1300 CFM AIR & 5 BPH MIST, 1.5 CPS SD, 11 BPH RTN 1600 HRS, 1300 CFM AIR & 5 BPH MIST, 1.5 CPS SD, 10 BPH RTN 1800 HRS, 1300 CFM AIR & 5 BPH MIST, .50 CP SD, 11 BPH RTN 1900 HRS, 1300 CFM AIR & 5 BPH MIST, .25 CP SD, 11 BPH RTN 2100 HRS, 1300 CFM AIR & 5 BPH MIST, .25 CP SD, 10 BPH RTN 2300 HRS, 1300 CFM AIR & 5 BPH MIST, 2 TBS SD, 9 BPH RTN 0100 HRS, 1300 CFM AIR & 5 BPH MIST, 1 TBS SD, 9 BPH RTN 0300 HRS, 1300 CFM AIR & 5 BPH MIST, 1 TBS SD, 8 BPH RTN 0500 HRS, 1300 CFM AIR & 5 BPH MIST, 1 TBS SD, 8 BPH RTN 0700 HRS, INJ 310 PSI, 5 BPH MIST, 1 TBS SD, 8.8 BPH RTNS 0900 HRS, INJ 300 PSI, 5 BPH MIST, 1 TBS SD, 9.6 BPH RTNS 1100 HRS, INJ 290 PSI, 5 BPH MIST, 1 TBS SD, 10.5 BPH RTNS 1300 HRS, INJ 270 PSI, 5 BPH MIST, 1 TSP SD, 9.4 BPH RTNS 1500 HRS, INJ 250 PSI, 5 BPH MIST, 1 TSP SD, 9.6 BPH RTNS 1700 HRS, INJ 220 PSI, 3 BPH MIST, NO SD, 7.1 BPH RTNS 1900 HRS, INJ 180 PSI, NO MIST, TS, 1.2 BPH RTNS 2100 HRS, INJ 180 PSI, NO MIST, TS, 1.1 BPH RTNS 2200 HRS, SHUT DOWN COMP, NATURAL FLOW 2400 HRS, 1300 CFM, NO MIST, UNLOAD 5-7 BBLs, MS 0100 HRS, SHUT DOWN COMP, NATURAL FLOW 0300 HRS, 1300 CFM, NO MIST, UNLOAD 5-7 BBLs, MS 0400 HRS, SHUT DOWN COMP, NATURAL FLOW 0600 HRS, SHUT DOWN COMP, NATURAL FLOW 0900 HRS, 280 PSI, NO MIST, UNLOAD 4-6 BBLs, MS 1000 HRS, SHUT DOWN COMP, NATURAL FLOW 1300 HRS, 280 PSI, NO MIST, UNLOAD 3-4 BBLs, MS 1400 HRS, SHUT DOWN COMP, NATURAL FLOW 1700 HRS, 280 PSI, NO MIST, UNLOAD 2-3 BBLs, MS 1800 HRS, SHUT DOWN COMP, NATURAL FLOW 2100 HRS, 280 PSI, NO MIST, UNLOAD 2-3 BBLs, MS 2200 HRS, SHUT DOWN COMP, NATURAL FLOW 2400 HRS, 280 PSI, NO MIST, UNLOAD 2-3 BBLs, MS 0100 HRS, SHUT DOWN COMP, NATURAL FLOW 0400 HRS, 280 PSI, NO MIST, UNLOAD 2-3 BBLs, MS 0500 HRS, SHUT DOWN COMP, NATURAL FLOW
02/29/2004	06:00 - 06:00	24.00	COUT	a	OBJECT	CREW TRAVEL TO LOCATION, SERVICE & STAR RIG HSM, RIG CREW & AIR HAND PRESENT, TOPIC: DEFENSIVE DRIVING, BE CAREFUL AROUND SCHOOL ZONES
03/01/2004	06:00 - 06:00	24.00	COUT	a	OBJECT	TIH & TAG 30' FILL, CLEAN OUT TO PBTD 0700 HRS, 1300 CFM AIR, 2-3 BBLs WTR, HS DOWN TO LS 0845 HRS, 700 CFM AIR, 1 BBL WTR, HS DOWN TO LS 0900 HRS, FLOW NATURAL, NO WTR, LS, 6'-8' FLARE 1200 HRS, TAG 5' SD, CO TO PBTD 1230 HRS, FLOW NATURAL, NO WTR, LS, 6'-8' FLARE 1600 HRS, TAG 4' SD, CO TO PBTD 1630 HRS, FLOW NATURAL, NO WTR, NS, 8'-10' FLARE 2000 HRS, 300 PSI AIR, 4 BPH MIST, HS DOWN TO MS 2030 HRS, FLOW NATURAL, NO WTR, LS, 8'-10' FLARE 0000 HRS, 280 PSI AIR, 4 BPH MIST, HS DOWN TO MS
03/02/2004	06:00 - 06:30	0.50	MIMO	a	OBJECT	
	06:30 - 07:00	0.50	SAFE	a	OBJECT	
	07:00 - 06:00	23.00	COUT	a	OBJECT	

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Operations Summary Report

Legal Well Name: HARE #3

Common Well Name: HARE #3

Event Name: CAP WORKOVER

Contractor Name: AZTEC WELL SERVICE

Rig Name: AZTEC

Start: 02/20/2004

Rig Release: 03/04/2004

Rig Number: 521

Spud Date: 03/22/1956

End: 03/04/2004

Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
03/02/2004	07:00 - 06:00	23.00	COUT	a	OBJECT	0030 HRS, FLOW NATURAL, NO WTR,LS, 8'-10' FLARE 0400 HRS, 280 PSI AIR, 4 BPH MIST, HS DOWN TO MS 0430 HRS, FLOW NATURAL, NO WTR, LS, 8'-10' FLARE
03/03/2004	06:00 - 06:30	0.50	MIMO	a	OBJECT	CREW TRAVEL TO LOCATION, SERVICE & STAR RIG
	06:30 - 07:00	0.50	SAFE	a	OBJECT	HSM, RIG CREW & AIR HAND PRESENT, TOPIC: DEFENSIVE DRIVING, BE CAREFUL AROUND SCHOOL ZONES
	07:00 - 11:00	4.00	FLOW	a	OBJECT	0700 HRS, TAG @ 3' FILL, NATURAL FLOW, NS, NW, 10' FLARE 0800 HRS, TAG @ 4' FILL, NATURAL FLOW, NS, NW, 10' FLARE 0900 HRS, TAG @ 5' FILL, NATURAL FLOW, NS, NW, 10' FLARE 1000 HRS, TAG @ 6' FILL, NATURAL FLOW, NS, NW, 10' FLARE 1100 HRS, TAG @ 6' FILL, NATURAL FLOW, NS, NW, 10' FLARE
	11:00 - 11:30	0.50	TRIP	a	OBJECT	TOOH W TBG
	11:30 - 12:15	0.75	NUND	a	OBJECT	MU & PU SAND BAILER ON SAND LINE
	12:15 - 14:00	1.75	COUT	a	OBJECT	RIH & BAIL 6' SAND W 4 RUNS
	14:00 - 15:30	1.50	FLOW	a	OBJECT	FLOW WELL NATURAL
	15:30 - 16:00	0.50	COUT	a	OBJECT	RIH & BAIL 2' SAND W 2 RUNS
	16:00 - 06:00	14.00	FLOW	a	OBJECT	FLOW WELL NATURAL, 10' FLARE
	06:00 - 06:30	0.50	MIMO	a	OBJECT	CREW TRAVEL TO LOCATION, SERVICE & STAR RIG
03/04/2004	06:30 - 07:00	0.50	SAFE	a	OBJECT	HSM, RIG CREW & AIR HAND PRESENT, TOPIC: SAFE OPERATION OF SANDLINE BAILERS
	07:00 - 11:00	4.00	COUT	a	OBJECT	RIH & BAIL 20 GAL SAND (APPROX 20') IN 10 RUNS, CO TO PBTD
	11:00 - 13:00	2.00	FLOW	a	OBJECT	FLOW WELL NATURAL
	13:00 - 13:30	0.50	COUT	a	OBJECT	RIH & BAIL 4 GAL SAND (APPROX 4') IN 3 RUNS, CO TO PBTD
	13:30 - 15:30	2.00	FLOW	a	OBJECT	FLOW WELL NATURAL
	15:30 - 16:00	0.50	COUT	a	OBJECT	RIH & BAIL 2 GAL SAND (APPROX 2') IN 2 RUNS, CO TO PBTD
	16:00 - 06:00	14.00	FLOW	a	OBJECT	FLOW WELL NATURAL, 10'-12' FLARE
	06:00 - 06:30	0.50	MIMO	a	OBJECT	CREW TRAVEL TO LOCATION, SERVICE & STAR RIG
	06:30 - 07:00	0.50	SAFE	a	OBJECT	HSM, RIG CREW & AIR HAND PRESENT, TOPIC : TAKE CARE TO MAINTAIN LOCATION & ROADS
	07:00 - 08:00	1.00	COUT	a	OBJECT	RIH & BAIL 2 GAL SAND (APPROX 2') IN 4 RUNS, CO TO PBTD
03/05/2004	08:00 - 09:00	1.00	TRIP	a	OBJECT	TIH W PRODUCTION TBG
	09:00 - 09:15	0.25	BRCH	a	OBJECT	BROACH TBG TO SEATING NIPPLE
	09:15 - 10:00	0.75	NUND	a	OBJECT	LAND TBG AS FOLLOWS: SEATING NIPPLE, 1 JT 2.375" J-55 TBG, 2.10' X 2.375" J-55 PUP JT & 73 JTS 2.375" J-55 TBG @ 2305.28' (74 JTS TBG TOTAL), ND BOP, NU WH
	10:00 - 10:15	0.25	PUMP	a	OBJECT	PRESSURE UP WELL TO 100 PSI W AIR
	10:15 - 11:30	1.25	TEST	a	OBJECT	PITOT TBG @ 112 MCFD WET
	11:30 - 13:00	1.50	RURD	a	OBJECT	RD RIG & EQUIPMENT
						POOH & LD 106 JTS 1" TBG, DEL TO BR YD
						68 JTS 2.375" TBG FROM BR YD, 14 RIG STOCK, 82 TOTAL
						74 JTS TBG LANDED, 8 RIG STOCK, 82 TOTAL
						SUMMARY: MIRU, LD 106 JT 1" TBG, TIH W 2.375" TBG TO PBTD, TOOH W TBG, TIH W 5 1/2" RBP & SET @ 2250', LOAD CSG W 2% KCL, TIH & SET 5 1/2" PACKER @ 30', PRES TEST CSG TO 2500 PSI, TOOH W PACKER & RBP, RESTIMULATE PC W DOWELL, RD DOWELL, PU & TIH W X-CHECK, SEATING NIPPLE, 1 JT 2.375" TBG, 2' X 2.375" PUP JT & 76 JTS 2.375" TBG, CO TO PBTD, TOOH W TBG, CO W SAND BAILER TO PBTD, TIH W PROD TBG, BROACH TBG, LD 2 JTS TBG, LAND 74 JTS TBG @ 2305.28", ND BOP, NU WH, PRESSURE UP WELL TO 100 PSI, PITOT TBG @ 112 MCFD WET, RD EQUIPMENT, MOVE TO NEXT LOCATION