

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 HARE			Well Number 12		API Number 3004508592	
UL A	Section 10	Township 29 N	Range 10 W	Feet From The 1090 FNL	Feet From The 990 FEL	County SAN JUAN

II. Workover

Date Workover Commence 7/9/2003	Previous Producing Pool(s) (Prior to Workover): AZTEC PICTURED CLIFFS (GAS)
Date Workover Completed: 7/31/2003	

- 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> SUBSCRIBED AND SWORN TO before me this <u>1</u> day of <u>April</u> , <u>2004</u> .	Title <u>Sr. Accountant</u>	Date <u>4/1/04</u>
My Commission expires: <u>September 15, 2004</u>		Notary Public <u>Tamatha Wimsatt</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 7/31/03.

Signature District Supervisor <u>SSS</u>	OCD District <u>3</u>	Date <u>4/2/04</u>
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VII. DATE OF NOTIFICATION TO THE SECRETARY OF THE TAXATION AND REVENUE DEPARTMENT:

REG_DTL_D	AZTEC PICTURED CLIFFS (GAS)
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7/1/2002	1385
8/1/2002	1443
9/1/2002	1464
10/1/2002	1185
11/1/2002	1303
12/1/2002	1453
1/1/2003	1220
2/1/2003	1188
3/1/2003	1611
4/1/2003	1371
5/1/2003	1290
6/1/2003	1356
7/1/2003	362
8/1/2003	3258
9/1/2003	3360
10/1/2003	2771

BURLINGTON RESOURCES DIVISIONS

Operations Summary Report

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Legal Well Name: HARE #12	Spud Date: 09/21/1959
Common Well Name: HARE #12	
Event Name: CAP WORKOVER	Start: 07/09/2003 End: 07/31/2003
Contractor Name: AZTEC WELL SERVICE	Rig Release: 07/31/2003 Group:
Rig Name: AZTEC	Rig Number: 449

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
07/10/2003	06:00 - 07:00	1.00	SAFE	a	OBJECT	TRAV TO LOC , START RIG , HOLD SAFETY MEETING ON MOVING & RU RIG & EQUIP , RIG CREW , AIR HANDS , RU DRIVERS & PUSHER , CONSULTANT WERE PRESENT .
	07:00 - 07:15	0.25	MIMO	a	MIRU	ROAD RIG FROM HARE # 13 TO HARE # 12 .
	07:15 - 08:15	1.00	RURD	a	MIRU	SPOT IN RIG RAMP , PUT RIG ON RAMP & STAND UP DERRICK .
	08:15 - 10:00	1.75	RURD	a	MIRU	SPOT IN & RU REST OFF EQUIP , LAY FLOWLINE , CSG HAD 120 PSI , TBG HAD 40 PSI , BH WAS DEAD .
	10:00 - 12:30	2.50	NUND	a	MIRU	UNSCREW CAP OFF OF RECTOR HEAD , SCREW ON DRILLING FLANGE , NU BOP , HAD A HARD TIME GETTING CAP OFF .
	12:30 - 14:00	1.50	TRIP	a	OBJECT	POOH W/ 1" TBG .
	14:00 - 14:30	0.50	PULD	a	OBJECT	CHANGE SLIPS , ELEV , RAMS TO 2 3/8" , PU 4 1/2" RBP .
	14:30 - 16:30	2.00	TRIP	a	OBJECT	RIH W/ 4 1/2" RBP CHECK FILL , TAGGED UP @ 2347' , BOTTOM PERF @ 2331' , PBD @ 2351' , HAD 4' OF FILL
	16:30 - 17:00	0.50	PRES	a	OBJECT	LOAD & CIRCULATE HOLE CLEAN , PRESS TEST RBP & CSG TO 1000 PSI , TESTED GOOD .
	17:00 - 17:30	0.50	TRIP	a	OBJECT	TOOH W/ TBG .
07/11/2003	17:30 - 18:00	0.50	SHDN	a	OBJECT	SHUT & LOCK BLINDS , PU TOOLS & LOC , FUEL UP RIG SDFD .
	06:00 - 07:00	1.00	SAFE	a	OBJECT	TRAV TO LOC , START RIG , HOLD SAFETY MEETING ON PRESS TEST , RIG CREW , AIR HAND , PKR HAND , CONSULTANT WERE PRESENT .
	07:00 - 09:30	2.50	PRES	a	OBJECT	TAKE RECTOR HEAD OFF , SCREW FRAC VALVE ONTO TOP OF CSG , PRESS TEST CSG TO 3000 PSI , TESTED GOOD . HAD A HARD TIME GETTING HEAD OFF
	09:30 - 10:00	0.50	NUND	a	OBJECT	ND FRAC VALVE , NU BOP .
	10:00 - 10:30	0.50	TRIP	a	OBJECT	TIH W/ RETRIEVING HEAD , LATCH & UNSET RBP .
	10:30 - 11:30	1.00	TRIP	a	OBJECT	POOH W/ RBP .
	11:30 - 12:00	0.50	NUND	a	OBJECT	ND BOP , NU FRAC VALVE .
	12:00 - 13:00	1.00	RURD	a	RDMO	RD RIG & EQUIP , MOL TO GRENIER B # 1 .
						SUMMARY , MOL , RU RIG & EQUIP , ND TREE , NU BOP POOH W/ 1" TBG , RIH W/ RBP , SET RBP , TOOH , ND BOP , NU FV , TEST CSG , TESTED GOOD , ND FV , NU BOP , TIH LATCH & UNSET RBP , POOH W/ RBP , ND BOP , NU FV , RD RIG & EQUIP , MOL .
						SPOT & R/U SCHLUMBERGER DOWELL , PRIME PUMPS , TEST LINES , HOLD SAFETY MEETING .
07/15/2003	10:00 - 11:00	1.00	RURD	a	OBJECT	PERFS BROKEN DOWN , STARTING F.G .68 , AVG .82 , TYPE OF FLUID 20# LINEAR GEL , AMT OF FLUID 245 BBLs , PUMP 100,000#
	11:00 - 11:30	0.50	FRAC	a	OBJECT	20/40 BRADY SAND , W/ 70Q FOAM , @ AVG RATE OF 38 BPM , MAX 42 , MIN 35 , AVG PSI 1700 , MAX 1748 , MIN 1450 , 301,00 SCF N2 @ AVG RATE 14,200 , MAX 14,600 , MIN 14,000 SCF/MIN . SAND CONC 1 PPG TO 4 PPG , @ 38 TO 42 BPM , 70 Q FOAM , DISP W/ 11 FLUID BBLs , ISIP 1200# USED 9500 SCF IN FLUSH N2 .
	11:30 - 12:30	1.00	RURD	a	OBJECT	R/D DOWELL
	12:30 - 06:00	17.50	FLOW	a	OBJECT	TIME-----CHOKE-----PSI-----SAND-----FLUID 1300-----8/64-----1200-----N,S-----H,N2 1500-----12/64-----400-----N,S-----H,N2 2100-----18/64-----10-----N,S-----L,M 0100-----32/64-----0-10-----N,S-----L,M FLOW RATE DROP TO 0 TO 10# SURGING , NO SAND SOME N2 , CONTINUE TO FALL TO 0 BY 0600 , CLOSE WELL IN RELEASE FLOW BACK CREW .
07/22/2003	07:00 - 08:00	1.00	RURD	a	OBJECT	R/U COIL TBG , NU BLOOIE LINE .
	08:00 - 09:00	1.00	COUT	a	OBJECT	TIH W/ 1-1/4 COIL TBG , TAG SAND FILL @ 2221' 130' ABOVE PBTD 2351' . C/O TO PBTD ,

BURLINGTON RESOURCES DIVISIONS
Operations Summary Report

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Legal Well Name: HARE #12
Common Well Name: HARE #12
Event Name: CAP WORKOVER
Contractor Name: AZTEC WELL SERVICE
Rig Name: AZTEC

Start: 07/09/2003
Rig Release: 07/31/2003
Rig Number: 449

Spud Date: 09/21/1959
End: 07/31/2003
Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
07/22/2003	09:00 - 17:00	8.00	BLOW	a	OBJECT	BLOW WELL FROM PBTD, RETURNS 5-6 BPH FLUID, SAND AT A TRACE, SWSD.
07/23/2003	07:00 - 08:00	1.00	BLOW	a	OBJECT	140# PSI ON CSG TIH TAG @ PBTD NO FILL,
	08:00 - 12:00	4.00	BLOW	a	OBJECT	BLOW WELL FROM PBTD, RETURNS 5-6 BPH, FLUID ENTRY FALL TO LESS THAN 1 BPH, TOOH, FLOW WELL FOR 1 HR PITOT 20 OZS. R/D COIL TBG RELEASE.
07/30/2003	13:30 - 14:30	1.00	MIMO	a	MIRU	MOVE RIG F/ALBRIGHT #8A T/HARE #12 VIA M&R TRUCKING
	14:30 - 15:30	1.00	RURD	a	MIRU	SPOT IN RIG & SCOPE UP DERRICK, LAY BLOOIE LINE, SICP:150 PSI, SIBHP: 0 PSI, BLOW DN WELL WHILE RIGGING UP
	15:30 - 17:00	1.50	RURD	a	MIRU	SPOT IN & RU EQUIPMENT
	17:00 - 17:15	0.25	KILL	a	OBJECT	KILL WELL W/40 BBLS 2% KCL WTR
	17:15 - 18:45	1.50	NUND	a	OBJECT	N/D FRAC VALVE, N/U TBG HEAD, BOP STACK, FLOW TEE, LOWER RIG FLOOR, R/U AIR SLIPS, POWER TONGS & P/U 2.375" TOOLS
07/31/2003	18:45 - 06:00	11.25	FLOW	a	OBJECT	FLOW WELL T/PIT W/DRYWATCH
	06:00 - 07:15	1.25	SRIG	a	OBJECT	ROAD RIG CREW T/LOC, START, WARM UP & SERVICE RIG
	07:15 - 07:30	0.25	SAFE	a	OBJECT	SAFETY MEETING: P/U STRAP, RABBIT TBG SAFELY
	07:30 - 09:00	1.50	PULD	a	OBJECT	P/U, STRAP & RABBIT IN HOLE W/2.375" OPEN EXP CK, 2.375" SEATING NIPPLE, 1-JT 2.375" TBG, 2.375" X 2.10' PUP JT & 2.375"-4.7#-J55-8RD EUE PROD TBG, TAG 30' FILL F/2321' T/2351' (PBTD)
	09:00 - 12:00	3.00	COUT	a	OBJECT	C/O 30' FILL F/2321' T/2351' (PBTD) W/1500 CFM AIR & 15 BPH FOAM MIST W/HVY WTR/SAND RTNS
08/01/2003	12:00 - 15:00	3.00	FLOW	a	OBJECT	PULL UP HOLE 63' & FLOW WELL NATURAL F/3-HRS OUT BLOOIE LINE
	15:00 - 15:15	0.25	TRIP	a	OBJECT	RIH & TAG 5' FILL F/2346' T/2351' (PBTD)
	15:15 - 18:00	2.75	BLOW	a	OBJECT	C/O 5' FILL ON BTM F/2346' T/2351' (PBTD) W/1500 CFM AIR & 15 BPH FOAM MIST, CUT MIST & BLOW WELL W/AIR ONLY
	18:00 - 22:00	4.00	BLOW	a	OBJECT	FLOW WELL NATURAL F/4-HRS W/MED/LT SAND RTNS
	22:00 - 02:00	4.00	BLOW	a	OBJECT	BLOW WELL W/1500/750 CFM AIR W/LT SAND RTNS
	02:00 - 06:00	4.00	FLOW	a	OBJECT	FLOW WELL NATURAL F/4-HRS W/LT SAND RTNS
	06:00 - 07:15	1.25	SRIG	a	OBJECT	ROAD RIG CREW T/LOC, START, WARM UP & SERVICE RIG
	07:15 - 07:30	0.25	SAFE	a	OBJECT	SAFETY MEETING: SMOKE IN VEHICLE OR DESIGNATED AREAS ONLY
	07:30 - 07:45	0.25	TRIP	a	OBJECT	LOWER TBG, TAG 10' FILL F/2341' T/2351' (PBTD)
	07:45 - 08:30	0.75	COUT	a	OBJECT	C/O 10' FILL F/2341' T/2351' (PBTD) W/1500 CFM AIR & 15 BPH FOAM MIST W/LT WTR/SAND RTNS
	08:30 - 11:30	3.00	BLOW	a	OBJECT	BLOW WELL ON BTM W/1500/750 CFM AIR W/VERY LT SAND RTNS
	11:30 - 12:30	1.00	TRIP	a	OBJECT	L/D 2-JTS 2.375" TBG, LAND TBG @ 2305.54', TOP OF 2.375" X 1.780" ID SEATING NIPPLE @ 2303.49', TOP OF 2.375" X 2.10' PUP JT @ 2271.28', BLOW WELL W/1500 CFM AIR T/DRY UP WELL
	12:30 - 14:00	1.50	RURD	a	OBJECT	RIG DN, REL RIG @ 14:00 HRS 7/31/2003
TOTAL 2.375" TBG ON LOC: 74-JTS						
TOTAL 2.375" TBG RUN IN WELL: 74-JTS						
FINAL PITOT TST UP CSG/TBG: TSTM						
WELL SUMMARY:						
SICP: 150 PSI, SIBHP: 0 PSI, BLOW DN WELL, N/D FRAC VALVE, N/U TBG HEAD & BOP STACK, P/U 2.375" TBG, BROACH IN HOLE, C/O 30' FILL, BLOW/FLOW WELL, C/O 10' FILL, BLOW/FLOW WELL W/LT SAND, LAND TBG @ 2305.54', S.N. @ 2303.49', PUP JT @ 2271.28', COMPLETED WELL UNDER AFE'D COST, NO ACCIDENTS.						

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Operations Summary Report

Legal Well Name: HARE #12

Common Well Name: HARE #12

Event Name: CAP WORKOVER

Contractor Name: AZTEC WELL SERVICE

Rig Name: AZTEC

Start: 07/09/2003

Rig Release: 07/31/2003

Rig Number: 449

Spud Date: 09/21/1959

End: 07/31/2003

Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
08/01/2003	12:30 - 14:00	1.50	RURD	a	OBJECT	PETE MCNEAL