

New Mexico
Energy Minerals and Natural Resources Department

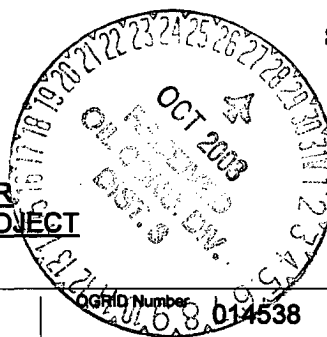
Form C-140
Revised 06/99

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						OGRI Number 014538
Contact Party Leslie D. White						Phone 505/326-9700
Property Name LACKEY A				Well Number 1A		API Number 3004526250
UL I	Section 12	Township 29 N	Range 10 W	Feet From The 1540 FSL	Feet From The 895 FEL	County SAN JUAN

II. Workover

Date Workover Commence + 2/24/2003	Previous Producing Pool(s) (Prior to Workover): BLANCO MESAVERDE AZTEC PICTURED CLIFFS (GAS)
Date Workover Completed: 2/28/2003	

- 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>10/22/03</u>
SUBSCRIBED AND SWORN TO before me this <u>22</u> day of <u>October</u> , <u>2003</u> .	
Notary Public	
My Commission expires: <u>September 15, 2004</u>	
<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 2/28/03.

Signature District Supervisor <u>[Signature]</u>	OCD District <u>3</u>	Date <u>12/6/03</u>
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VII. DATE OF NOTIFICATION TO THE SECRETARY OF THE TAXATION AND REVENUE DEPARTMENT:

LACKEY A

1A

3004526250

REG_DTL_D	BLANCO MESAVERDE	AZTEC PICTURED CLIFFS (GAS)
2/1/2002	179	3
3/1/2002	82	3
4/1/2002	78	508
5/1/2002	81	1338
6/1/2002	61	809
7/1/2002	0	1266
8/1/2002	0	1036
9/1/2002	0	953
10/1/2002	0	938
11/1/2002	0	955
12/1/2002	0	987
1/1/2003	0	953
2/1/2003	0	631
3/1/2003	3853	3820
4/1/2003	4071	4071
5/1/2003	3447	3447

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Operations Summary Report

Legal Well Name: LACKEY A #1A
 Common Well Name: LACKEY A #1A
 Event Name: FACILITIES
 Contractor Name: DRAKE WELL SERVICE
 Rig Name: DRAKE

Spud Date: 05/20/1985
 Start: 02/24/2003 End: 02/28/2003
 Rig Release: 02/28/2003 Group:
 Rig Number: 27

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
02/25/2003	09:00 - 11:00	2.00	MIMO	a	MIRU	RR FROM 29 -7 # 140 TO LACKEY A # 1A
	11:00 - 13:30	2.50	MIMO	a	MIRU	MIRU/ SU , EQUIP, AND AIR PKG
	13:30 - 14:30	1.00	BLOW	a	CLEAN	BWD SICP- 200 PSI SITP (MV)- 0 PSI SITP (PC)-
	14:30 - 15:30	1.00	NUND	a	OBJECT	ND/WH, NU . BOP
	15:30 - 17:00	1.50	PULD	a	OBJECT	L/D 73 JTS 1 1/4" TBG
	17:00 - 17:30	0.50	SHDN	a	OBJECT	SWI / SDFN
02/26/2003	05:30 - 06:30	1.00	MIMO	a	PREWRK	CREW TRAVEL
	06:30 - 07:00	0.50	SAFE	a	PREWRK	PRE JOB SAFETY MEETING W/ 4 CREW MEMBERS, 1 AIR HAND, TOOL PUSHER, 2 WIRELINE HANDS, F/T HAND, BR- LARRY DILLON, BR- MORRIS KIRKPATRICK, AND BR CONSULTANT TOPIC - CHEMICAL CUTTING SAFETY SICP-200 PSI SITP- NO S/ STING IN HOLE NO WAY TO TEST L/STRING BOP FUNTIONS TEST - OK
	07:00 - 08:00	1.00	BLOW	a	CLEAN	BWD
	08:00 - 10:00	2.00	KILL	a	OBJECT	KILL WELL PUMP 40 BBLS H2O, NO KILL ,PUMP 20 BBLS H2O, NO KILL , PUMP 40 BBLS , WELL DIED ENOUGH TO GET PUP JT IN L/STRING (MESAVERDE)
	10:00 - 10:30	0.50	PUMP	a	OBJECT	PUMP 30 BBLS DOWN L/ STRING
	10:30 - 11:30	1.00	STUK	a	OBJECT	WORK TBG
	11:30 - 12:30	1.00	WIRE	a	OBJECT	COBRA SET PLUG @4935'
	12:30 - 13:30	1.00	FISH	a	OBJECT	FREE POINT AND CHEMICAL CUT TBG (TBG 99 % FREE 4' ABOVE PBR @ 2576', TBG NOT FREE 10 BELOW PBR) CUT TBG @ 2568'
	13:30 - 14:30	1.00	TRIP	a	OBJECT	TALLY / OOH W/ TBG
	14:30 - 15:30	1.00	PULD	a	OBJECT	PU/MU F/TOOLS
	15:30 - 16:30	1.00	TRIP	a	OBJECT	TIH W /TBG AND BHFA (BHFA CONSISTS OF 4 - 3 1/8" COLLARS, X-OVER, 3 1/8" JAR, 3 1/8" BUMPER JAR, 4 11/16" OVERSHOT, 3' OVERSHOT EXT, 6 1/8" GUIDE) OAL OF BHFA - 142.95'
	16:30 - 17:00	0.50			OBJECT	SWI/SDFN
02/27/2003	05:30 - 06:30	1.00	MIMO	a	PREWRK	CREW TRAVEL
	06:30 - 07:00	0.50	SAFE	a	PREWRK	PRE JOB SAFETY MEETING 4 / CREW MEMBERS , F/T HAND, AIR HAND , AND BR CONSULTANT TOPIC - PUMPING ACID SICP - 0 PSI SITP - 0 PSI BOP FUNTIONS TEST - OK
	07:00 - 07:30	0.50	TRIP	a	OBJECT	FINISH TIH
	07:30 - 08:00	0.50	PUMP	a	OBJECT	SPOT 10 BBLS 15 % HCL (INHIBITED)
	08:00 - 09:00	1.00	WAIT	a	OBJECT	WIAT ON ACID TO SPEND
	09:00 - 10:00	1.00	CIRC	a	OBJECT	CIRC SPENT ACID OUT AND FLUSH W / H2O
	10:00 - 11:00	1.00	TRIP	a	OBJECT	TOOH
	11:00 - 11:30	0.50	PULD	a	OBJECT	PU / MU 3 7/8" OVERSHOT
	11:30 - 12:30	1.00	TRIP	a	OBJECT	TIH
	12:30 - 13:30	1.00	FISH	a	OBJECT	ENGAGE FISH, JAR PBR LOOSE
	13:30 - 14:30	1.00	TRIP	a	OBJECT	TOOH TO FISHING TOOLS
	14:30 - 15:30	1.00	PULD	a	OBJECT	LD/ F/TOOLS AND PBR SEAL ASSY
	15:30 - 16:30	1.00	TRIP	a	OBJECT	FINISH TOOH W/ TBG (WET TRIP PLUG IN TBG)
	16:30 - 17:00	0.50	PULD	a	OBJECT	LD/ JT W/ PLUG AND 2 JTS W/ SAND
02/28/2003	17:00 - 17:30	0.50	SHDN	a	OBJECT	SWI / SDFN
	05:30 - 06:30	1.00	MIMO	a	PREWRK	CREW TRAVEL
	06:30 - 07:00	0.50	SAFE	a	PREWRK	PRE JOB SAFETY MEETING W/ 4 CREW, AIR HAND, AND BR CONSULTANT TOPIC- INCLEMENT WEATHER SICP -200 PSI NO TBG IN WELL BOP FUNTIONS TEST - OK

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Operations Summary Report

Legal Well Name: LACKEY A #1A
 Common Well Name: LACKEY A #1A
 Event Name: FACILITIES
 Contractor Name: DRAKE WELL SERVICE
 Rig Name: DRAKE

Spud Date: 05/20/1985
 Start: 02/24/2003 End: 02/28/2003
 Rig Release: 02/28/2003 Group:
 Rig Number: 27

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
02/28/2003	07:00 - 07:30	0.50	BLOW	a	CLEAN	BWD
	07:30 - 08:30	1.00	PULD	a	OBJECT	PU/MU , TIH W/ 3 7/8" CONE BIT AND 3 7/8" STRING MILL TAG @ 5062' (10' OF FILL)
	08:30 - 09:30	1.00	RURD	a	CLEAN	RU/ SWIVEL AND C/O TO PBTD @ 5072' W/ 1700 CFM / AIR AND 20 BPH / MIST
	09:30 - 11:30	2.00	BLOW	a	CLEAN	BLOW WELL (TRACE SAND PUMP 4 BPH RETURN 6 BPH)
	11:30 - 12:30	1.00	TRIP	a	OBJECT	TOOH L/D STRING MILL
	12:30 - 13:00	0.50	PUMP	a	OBJECT	KILL WELL
	13:00 - 13:30	0.50	TRIP	a	OBJECT	TIH W/ COLLAR, TOOH L/D COLLARS
	13:30 - 15:00	1.50	TRIP	a	OBJECT	TIH W/ PROD STRING (BROACHED AS RUN) REPLACED 10 JTS TBG (SCALE, PLUGGED , CORROSION, BAD THREADS,NO BROACH,)
	15:00 - 16:00	1.00	RURD	a	OBJECT	LAND WELL, RD / FLOOR
	16:00 - 17:00	1.00	NUND	a	OBJECT	10' KB, 153 JTS 2 3/8" TBG IN WELL , TOP OF S/N S/A - 4967', EOT S/A - 4969' MIN ID 1.780" TBG BROACHED, W/H PREPED FOR SEAL SLEEVE, SLEEVED INSTALLED , NEW (CAMERON) SINGLE DONUT INSTALLED, NEW WELL HEAD W/ WING VALVE
03/01/2003	17:00 - 18:00	1.00	PUMP	a	OBJECT	INSTALLED, PRODUCTION WILL NEED TO MAKE MODIFICATIONS TO MANIFOLD W/H TO FLOW LINES
	18:00 - 18:30	0.50	SHDN	a	OBJECT	ND/ BOP NU/WH
	05:30 - 06:30	1.00	MIMO	a	PREWRK	PUMP PLUG REVERSE AIR DOWN CSG
	06:30 - 07:00	0.50	SAFE	a	PREWRK	SWI/ SDFN
						CREW TRAVEL
						PRE JOB SAFETY MEETING W / 4 CREW , AIR HAND , BR
						CONSULTANT TOPIC -WATCH FOR ICE IN DERRIK W/ RIGGING DOWN
						SICP - 220 PSI SITP - 10 PSI
	07:00 - 09:00	2.00	BLOW	a	CLEAN	RU/ AIR BLOW WELL
	09:00 - 10:00	1.00	FLOW	a	CLEAN	FLOW BACK WELL TBG PITOT - 2 OZ ON 2" (217 MCF) DID NOT FLOW CSG IN ORDER TO KEEP PRESSURE TO FLOW TBG , WELL STARTING TO SLOW DOWN AFTER RIG DOWN, SWI
	10:00 - 13:30	3.50	RURD	a	RDMO	RIG DOWN (IN DEEP MUD) CHAIN UP RIG, SDF/ WEATHER (CAN NOT MOVE OFF OF LOCATION)
						WELL SUMMARY AS FOLLOWS:
						RR TO LOC, MIRU/ SU, EQUIP, AND AIR PKG, BWD, ND/ WH, NU/ BOP, L/D 73 JTS 1 1/4" TBG. BWD, KILL WELL,WORK PIPE, SET TBG PLUG, FREE POINT - CHEMICAL CUT, TALLY/ OOH, PU/MU BHFA, TIH, SPOT ACID, WAIT ON ACID TO SPEND, TOOH, PU/ 3 7/8" OVERSHOT, ENGAGE FISH, JAR LOOSE, TOOH TO FISH, LD TOOLS, FIN TOOH W/ TBG, LD JT W/ PLUG AND 2 JTS W/ SAND, HSM, BWD, PU/MU/ TIH W/ BIT AND STRING MILL, RU / SWIVEL , BREAK CIRC, C/O TO PBTD (10' OF FILL), TOOH LD/ STRING MILL,RD/SWIVEL, KILL WELL, TIH,TOOH L/D COLLARS, TIH W/ PROD STRING, LAND,RD/FLOOR,ND/NU, PUMP/ PLUG,REVERSE AIR, SWI, RU/ AIR, BLOW WELL, FLOW BACK TBG, SWI, RIG DOWN, CHAIN UP RIG, SDF/ WEATHER,PUT UP FENCE, NOTIFY TERRY LOWE ABOUT SMALL AMOUT OF PARRAFIN ON PIT THAT DID NOT BURN, NOTIFY LEASE OPERATOR THAT WELL WAS READY,AND THAT RIG COULD NOT MOVE OFF LOCATION
						W/ RIG 10 JTS 2 3/8" TBG, 2 JTS 1 1/2" EUE 10 RD, 2 JTS 1 1/4" IJ, BROUGHT FROM 29-7 # 140 - 3 JTS 2 3/8" TBG

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Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
03/01/2003	-					<p>SENT TO TOWN 3 JTS 2 3/8" TBG FROM 29-7 #140 67 JTS 1 1/4" IJ FROM LACKEY A #1A 1 JTS 1 1/4" IJ ORANGE PEEL JT</p> <p>9 JTS 2 3/8" FROM LACKEY A# 1A 1 CUT OFF JTS FRM LACKEY A# 1A</p> <p>USED 10 JTS 2 3/8" W/ RIG TO REPLACE 10 JTS SENT TO DIST TOOLS OUT OF LACKEY A # 1A THERE WERE A TOTAL OF 73 JTS OF 1 1/4" IJ TBG IN LACKEY A # 1A , KEEPING 5 OF THE JTS W/ RIG TOTAL TBG W/ RIG NOW 2 JTS 1 1/2" EUE 10 RD 7 JTS 1 1/4" IJ</p> <p>TOTAL JTS IN LACKEY A # 1A WELL- 153 JTS 2 3/8", T/O/ SN/SA - 4967', EOT- 4969', TBG IS BROACHED, W/H PREP FOR SEAL SLEEVE AND SEAL SLEEVE INSTALLED..MIN ID -1.780". REPLACED 10 JTS TBG, NEW (CAMERON) DONUT, AND W/H. WILL NEED TO BE MANIFOLDED TO FLOW LINES , RECOVERED BUMPER SPRING AND PIECES OF BROKEN PISTON,</p>