

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 MCCLANAHAN			Well Number 1		API Number 3004507512	
UL A	Section 13	Township 28 N	Range 10 W	Feet From The 1090 FNL	Feet From The 950 FEL	County SAN JUAN

II. Workover

Date Workover Commence 6/20/2003	Previous Producing Pool(s) (Prior to Workover): AZTEC PICTURED CLIFFS (GAS)
Date Workover Completed: 7/10/2003	

- 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>4/1/04</u> SUBSCRIBED AND SWORN TO before me this <u>1</u> day of <u>April</u> , <u>2004</u> . My Commission expires: <u>September 15, 2004</u> Notary Public <u>Tamatha Wimsatt</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 5/10/03.

Signature District Supervisor <u>JSJ</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	1050
8/1/2002	1197
9/1/2002	1398
10/1/2002	1617
11/1/2002	1659
12/1/2002	1617
1/1/2003	524
2/1/2003	1274
3/1/2003	1774
4/1/2003	1223
5/1/2003	1497
6/1/2003	686
7/1/2003	2106
8/1/2003	3760
9/1/2003	3413
10/1/2003	3164

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Operations Summary Report

Legal Well Name: MCCLANAHAN #1
 Common Well Name: MCCLANAHAN #1
 Event Name: CAP WORKOVER
 Contractor Name: RIGLESS WORKOVER
 Rig Name: RIGLESS

Spud Date: 04/30/1953
 Start: 06/20/2003 End: 07/10/2003
 Rig Release: 07/10/2003 Group:
 Rig Number: 1

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
06/21/2003	08:00 - 08:30	0.50	MIMO	a	OBJECT	ROAD RIG TO LOCATION.
	08:30 - 10:00	1.50	RURD	a	OBJECT	RIG UP AZTEC RIG 485.
	10:00 - 12:00	2.00	MIMO	a	OBJECT	SHUT IN TBG & CSG PRESS - 120 PSI, BRAIDEN HEAD PRESS - 80 PSI, NIPPLE DOWN FLOW LINE, MOVE IN & SPOT PUMP, TANKS, BOP, CAT WALK & AIR PACKAGE.
	12:00 - 13:30	1.50	NUND	a	OBJECT	NIPPLE DOWN RUSTED WELL HEAD & FLOW LINE, NIPPLE UP BOP, RIG UP FLOOR, CHANGE OUT TBG TOOLS TO 1".
	13:30 - 14:30	1.00	PULD	a	OBJECT	LAY DOWN 87 JTS 1" TBG.
	14:30 - 14:45	0.25	NUND	a	OBJECT	CHANGE OUT TBG TOOLS TO 2-7/8", CHNGE PIPE RAMS.
06/24/2003	14:45 - 15:00	0.25	SHDN	a	OBJECT	SHUT WELL IN, SECURE LOCATION, SHUT DOWN FOR WEEK END.
	06:00 - 06:30	0.50	MIMO	a	OBJECT	CREW TRAVEL TO LOCATION.
	06:30 - 06:45	0.25	SRIG	a	OBJECT	SERVICE& START RIG.
	06:45 - 07:00	0.25	SAFE	a	OBJECT	SAFETY MEETING, 4 AZTEC WELL SERV. 1 ENERGY AIR, TOPIC - N PICK UP TBG.
	07:00 - 08:00	1.00	PULD	a	OBJECT	SHUT IN CASING PRESS - 80 PSI, SHUT IN BRAIDEN HEAD - 40 PSI, BRAIDEN HEAD PRESS BLEED OFF TO 0 PSI. PICKUP 4-3/4" MT BIT, BIT SUB, 6 - 3-1/2" DRILL COLLARS, X- OVER & 57 JTS 2-7/8" 6.5# J-55 8rd EUE TBG, TAG FILL @ 1,920'.
	08:00 - 08:45	0.75	COUT	a	OBJECT	BREAK CIRC W/ 450 SCF/M AIR MIST @ 14 BBLS HR, COUT OUT FILL 1,920' TO 2,000'. BRAIDEN HEAD PRESS @ 0 PSI.
	08:45 - 11:00	2.25	DRLG	a	OBJECT	DRILL 2,000' TO 2,043' W/ 450 SCF/M AIR MIST @ 14 BBLS/HR. WATER STARTED FLOWING OUT BRAIDEN HEAD. CIRC HOLE CLEAN. BRAIDEN HEAD FLOW @ 1.5 BPH.
	11:00 - 11:45	0.75	TRIP	a	OBJECT	TRIP OUT W/ 60 JTS 2-7/8" 6.5# J-55 8rd EUE TBG, 6 - 3-1/2" DRILL COLLARS & 4-3/4" BIT.
	11:45 - 12:30	0.75	TRIP	a	OBJECT	PICK UP ARROW 5-1/2" RBP, TRIP IN W/ 60 JTS 2-7/8" 6.5# J-55 8rd EUE TBG, SET RBP @ 1,880', CSG SHOE @ 1,895'.
	12:30 - 13:00	0.50	TEST	a	OBJECT	ROLL HOLE W/ 2% KCL, TEST CASING W/ 2,000 PSI, OK.
	13:00 - 13:45	0.75	TRIP	a	OBJECT	TRIP OUT W/ 60 JTS 2-7/8" 6.5# J-55 8rd EUE TBG.
	13:45 - 16:45	3.00	CASE	a	OBJECT	WAIT ON BLUE JET, RIG UP BLUE JET, LOG W/ CBL/ GR/CCL 1,885' TO SURFACE, CEMENT TOP @ 1220', W/ 80% AVRG BOND 854' - 938', 60% AVRG BOND 720' - 740', 80% AVRG BOND 630' - 648', 70% AVRG BOND 606' - 614', 90% AVRG BOND 496' - 508', 75% AVRG BOND 352' - 368', & 75% AVRG BOND 258' - 262'. RIG DOWN BLUE JET.
	16:45 - 17:00	0.25	SHDN	a	OBJECT	SHUT WELL IN, SECURE LOCATION, SHUT DOWN FOR NIGHT.
06/25/2003	06:00 - 07:00	1.00	SAFE	a	OBJECT	AZTEC WELL SERVICE JUNE 2003 SAFETY MEETING.
	07:00 - 07:30	0.50	MIMO	a	OBJECT	CREW TRAVEL
	07:30 - 08:00	0.50	WAIT	a	OBJECT	PICK SQUEEZE PERF, CONTACT BLM. MOVE IN BWWC.
	08:00 - 09:00	1.00	PERF	a	OBJECT	LOAD 3-1/8" CASING GUN W/ 1 SHOT, RUN IN HOLE & PERF W/ .45" DIA HOLE @ 450'. CORRALATE W/ BLUE JET CBL LOG DATED 06/23/2003. RIG DOWN BLUE JET.
	09:00 - 09:15	0.25	TRIP	a	OBJECT	TRIP IN W/ 8 JTS OPEN ENDED 2-7/8" 6.5# J-55 8rd EUE TBG @ 252'.
	09:15 - 12:00	2.75	CEMT	a	OBJECT	MOVE IN & RIG UP BJ-SERVICES, SAFETY MEETING, TEST LINES W/ 3,000 PSI, SQUEEZE HOLE @ 450' W/ 10 BBLS FRESH WATER AHEAD FOLLOWED BY 200 SXS TYPE 3 CEMENT W/ 2% CaCl MIXED ON FLY, 14.5 PPG, 1.41 YIELD, 49.5 BBL SLURRY, 282 CU/FT, CIRC 3 BBLS GOOD CEMENT TO SURFACE, SHUT DOWN, WASH LINES, SHUT IN BRAIDEN HEAD & SGUEEZE 5 BBLS CEMENT INTO FORMATION @ 890 PSI. SHUT IN TBG. RIG DOWN BJ.
	12:00 - 16:45	4.75	CEMT	a	OBJECT	WAIT ON CEMENT, SAMPLE MUSHY. TO SOFT TO OPEN TBG.
	16:45 - 17:00	0.25	SHDN	a	OBJECT	SECURE LOCATION, SHUT DOWN FOR NIGHT.

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Operations Summary Report

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Legal Well Name: MCCLANAHAN #1
 Common Well Name: MCCLANAHAN #1
 Event Name: CAP WORKOVER
 Contractor Name: RIGLESS WORKOVER
 Rig Name: RIGLESS

Spud Date: 04/30/1953
 Start: 06/20/2003
 End: 07/10/2003
 Rig Release: 07/10/2003
 Group:
 Rig Number: 1

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
06/26/2003	06:00 - 06:30	0.50	MIMO	a	OBJECT	CREW TRAVEL
	06:30 - 06:45	0.25	SRIG	a	OBJECT	SERVICE & START RIG
	06:45 - 07:00	0.25	SAFE	a	OBJECT	SAFETY MEETING, 4 AZTEC, 1 ENERGY AIR - TOPIC - COMMUNICATION.
	07:00 - 07:30	0.50	TRIP	a	OBJECT	SHUT IN TBG PRESS 0 PSI, SHUT IN BRAIDEN HEAD PRESS 0 PSI, TRIP OUT W/ 8 JTS 2-7/8" 6.5# J-55 8rd EUE TBG, TRIP IN W/ 4-3/4" BIT, BIT SUB, & 9 JTS 2-7/8" 6.5# J-55 8rd EUE TBG, TAG HARD CEMENT @ 390'.
	07:30 - 10:30	3.00	DRLG	a	OBJECT	DRILL HARD CEMENT FROM 390' TO 457' W/ WATER @ 250 GPM.
	10:30 - 11:00	0.50	TRIP	a	OBJECT	TRIP OUT W/ 13 JTS 2-7/8" 6.5# J-55 8rd EUE TBG & DRILL COLLARS.
	11:00 - 11:45	0.75	TRIP	a	OBJECT	TRIP IN W/ RBP RETREIVING TOOL & 60 JTS 2-7/8" 6.5# J-55 8rd EUE TBG.
	11:45 - 12:00	0.25	CIRC	a	OBJECT	REVERSE CIRC SAND FROM TOP OF RBP, RELEASE RBP.
	12:00 - 12:45	0.75	TRIP	a	OBJECT	TRIP OUT W/ 60 JTS 2-7/8" 6.5# J-55 8rd EUE TBG & LAY DOWN RBP.
	12:45 - 13:30	0.75	TRIP	a	OBJECT	TRIP IN W/ 4-3/4" BIT, BIT SUB, 6 - 3-1/2" DRILL COLLARS & 60 JTS 2-7/8" 6.5# J-55 8rd EUE TBG.
	13:30 - 15:00	1.50	DRLG	a	OBJECT	BREAK CIRC W/ 450 SCF/M AIR MIST @ 14 BPH, DRILL 4-3/4" HOLE FROM 2,043' TO 2,131'. P-RATE @ 58.7 FT/HR
	15:00 - 16:00	1.00	TRIP	a	OBJECT	TRIP OUT W/ 67 JTS 2-7/8" 6.5# J-55 8rd EUE TBG, LAY DOWN 6 - 3-1/2" DRILL COLLARS, BIT SUB & BIT.
	16:00 - 16:45	0.75	TRIP	a	OBJECT	TRIP IN W/ 2-7/8" SAW TOOTH COLLAR, 2-7/8" X 4' 6.5# J-55 8rd EUE SHOE JT W/ OMEGA BAFFLE, 8 JTS 2-7/8" 6.5# J-55 8rd EUE TBG, 2-7/8" X 10' 6.5# J-55 8rd EUE MARKER JOINT, & 62 JTS 2-7/8" 6.5# J-55 8rd EUE TBG. TBG @ 1,800'
	16:45 - 17:00	0.25	SHDN	a	OBJECT	SHUT WELL IN, SECURE LOCATION, SHUT DOWN FOR NIGHT.
06/27/2003	06:00 - 06:30	0.50	MIMO	a	OBJECT	CREW TRAVEL
	06:30 - 06:45	0.25	SRIG	a	OBJECT	SERVICE & START RIG
	06:45 - 07:00	0.25	SAFE	a	OBJECT	SAFETY MEETING, 4 AZTEC, 1 ENERGY AIR - TOPIC - CEMENTING, RIGGING DOWN
	07:00 - 07:15	0.25	TRIP	a	OBJECT	TRIP IN W/ 2-7/8" TBG, LAND AS FOLLOWS: 1 - 2-7/8" 8rd EUE SAWTOOTH COLLAR @ 2,129.19' 1 - 2-7/8" X 4' 6.5# J-55 8rd EUE SHOE JT W/ BAFFLE @ 2,124.84' 8 - JTS 2-7/8" 6.5# J-55 8rd EUE TBG. 1 - 2-7/8" X 10' 6.5# J-55 8rd EUE MARKER JT @ 1,862.86' 59 - JTS 2-7/8" 6.5# J-55 8rd EUE TBG.
	07:15 - 08:00	0.75	NUND	a	OBJECT	RIG DOWN FLOOR, NIPPLE DOWN BOP, RIG DOWN FLOOR.
06/28/2003	08:00 - 09:00	1.00	CEMT	a	OBJECT	NOTIFIED BLM @ 10:00 HRS 06/23/2003: RIG UP B-J SERVICES, SAFETY MEETING, TEST LINES W/ 3,500 PSI, CMT W/ 10 BBLS DYED FRESH WATER GEL, FOLLOWED BY 10 BBLS FRESH WATER GEL, & 3 BBLS FRESH WATER FOLLOWED BY 150 SX CLASS H PREMIUM LITE CMT W/ ADDITIVES @ 12.5 PPG, 1.98 YIELD, 53 BBL SLURRY, SHUT DOWN, DROP PLUG, DISPLACE W/ 12.3 BBLS FRESH WATER, BUMP PLUG W/ 2,000 PSI, PLUG DOWN @ 08:50 & DID NOT HOLD, SURGE & PRESS TO 2,100 PSI, PLUG HELD @ 08:52 HRS 06/26/03. CIRC 8 BBLS GOOD CEMENT TO SURFACE. RIG DOWN BJ.
	09:00 - 10:00	1.00	RURD	a	OBJECT	RIG DOWN AZTEC RIG 485. RIG @ 10:00 HRS 6/26/2003.
07/04/2003	06:00 - 09:00	3.00	CASE	a	PREWRK	RIG UP BASIN WIRELINE, RUN GAUGE RING TO 2115' (PBTD @ 2124'), RUN GR-CCL FROM 2114' TO SURFACE, NO CBL RUN, CEMENT CIRC TO SURFACE, RD WIRELINE.
	09:30 - 11:00	1.50	MIMO	a	MIRU	MIRU BASIN W/L, & SCHLUMBERGER FRAC EQUIP. RIH W/ WL,

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Spud Date: 04/30/1953
 Start: 06/20/2003 End: 07/10/2003
 Rig Release: 07/10/2003 Group:
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Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
07/04/2003	09:30 - 11:00	1.50	MIMO	a	MIRU	PERF PC 1900' - 1980', 1 SPF, 55 SHOTS, 5 INTERVALS, 50' PAY. POH, RDMO WL.
	11:00 - 12:30	1.50	FRAC	a	OBJECT	PREFRAC SAFETY - 21 PEOPLE ON LOCATION. TEST LINES @ 7000 PSI. OPEN WELL, BD PC PERFS @ 1618 PSI- 4.7 BPM. EST INJ RATE, FRAC PC PAY W/ 100,000# ARIZONA 20/40 SAND, 1-4 PPG SAND CONE, & 236 BBLS 70 QUALITY FOAMED 20# LG @ 30- 37 BPM- 2109 - 2900 PSI. DISPLACE W/ 3 FLD BBLS. TOTAL FLD TO RECOVER = 239 FLD BBLS. TOTAL N2 = 244,600 SCF N2. ISIP = 935 PSI. SIW.
	12:30 - 14:00	1.50	MIMO	a	RDMO	RD SCHLUMBERGER FRAC EQUIP., NU 2" FB LINE TO BLOW PIT. PREP TO FWB. OPEN ON 12/64 CHK, 520 PSI. 5:30 PM- 32/64 CHK, 80 PSI, NO SAND, INTERMITTING FLD FOAM. 5:00 AM- 48/64 CHK, 10 PSI, LIGHT TO MOD SURGES, NO SAND.
07/05/2003	06:00 - 06:00	24.00	FLOW	a	CLEAN	FLOW WELL BACK AS NEEDED TO CLN WELLBORE, 5:00 AM - RECOVERING LIGHT MIST, NO SAND, APROX 8 PSI ON 2" LINE.
07/06/2003	06:00 - 06:00	24.00	FLOW	a	CLEAN	FLOW WELL BACK, RECOVERING DRY GAS. SIW/ WAIT ON COMPLETION RIG
07/08/2003	07:00 - 06:00	23.00	FLOW	a	CLEAN	MIRU THREE RIVER, KW, ND FRAC VALVE, NU TREE, SIW/ WAIT ON CTU PACKAGE.
07/09/2003	10:30 - 17:00	6.50	COUT	a	CLEAN	MIRU SANJEL AIRPACKAGE, RIH, CO W/ AIR TO PBTD OF 2124', 80' FILL. PULL UP, FWB NAT 1 HR, RIH, CO W/ AIR TO PBTD
	17:00 - 06:00	13.00	FLOW	a	CLEAN	FWB NATURAL OVERNIGHT. RECOVERING LIGHT MIST, MOD SAND, 5:00 AM- RECOVERING LIGHT TO MOD MIST, 1 BWPH, NO SAND, 60 MCF.
07/10/2003	07:00 - 17:00	10.00	COUT	a	CLEAN	MIRU SANJEL CTU PACKAGE, RIH W/ COIL TBG, CO W/ AIR TO PBTD, 20' FILL. PULL OUT OF HOLE, NAT FLOW 1 HR, REC MOD MIST, MED SAND, 60-80 MCF GAS. RIH W/ COIL TBG, CO W/ AIR TO PBTD, REC HVY SAND ON SWEEPS, MED SAND W/ CIRC. PULL OUT OF HOLE, FWB NAT 2 HR, REC MED SAND, LIGHT - MOD MIST, APROX 1 BWPH. RIH W/ COIL TBG, CO TO PBTD OF 2124' W/ AIR, POH, RDMO SANJEL CTU PACKAGE.
	17:00 - 06:00	13.00	FLOW	a	CLEAN	FWB. 6:00 PM- 14 PSI @ WH, MOD MIST, MED -HVY SAND, 1-2 BWPH. 10:00 PM - 3 PSI @ WH, MOD MIST, 1 BWPH, LIGHT SAND. 4:00 AM- 2 PSI @ WH, FINE MIST, LESS THAN 1 BWPH, TRACE SAND. PITOT @ 3 OZ- 264 MCF. SIW/ TURN TO PRODUCTION.
	06:00 -		MIMO	a	RDMO	7/10/2003- 6:00 AM - SIW/ RELEASE FB HAND. TURN WELL TO PRODUCTION.