

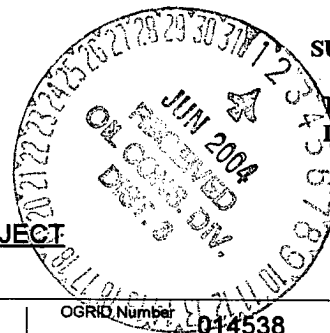
New Mexico
Energy Minerals and Natural Resources Department

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**



**SUBMIT ORIGINAL
PLUS 2 COPIES
TO APPROPRIATE
DISTRICT OFFICE**

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 HAMILTON STATE			Well Number 5		API Number 3003906212
UL O	Section 32	Township 26 N	Range 7 W	Feet From The 1073 FSL	Feet From The 1552 FEL
County RIO ARRIBA					

II. Workover

Date Workover Commence 08/15/2003	Previous Producing Pool(s) (Prior to Workover): BALLARD PICTURED CLIFFS (GAS)
Date Workover Completed: 09/09/2003	

- 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>4-14-04</u> SUBSCRIBED AND SWORN TO before me this <u>14</u> day of <u>April</u> , <u>2004</u> . My Commission expires: <u>9-15-04</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 9/9, 03.

Signature District Supervisor 328	SUPERVISOR DISTRICT #3	Date
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VII. DATE OF NOTIFICATION TO THE SECRETARY OF THE TAXATION AND REVENUE DEPARTMENT:
JUN 8 2004

REG_DTL_DT GAS_PROD

01-Jul-99	152
01-Aug-99	162
01-Sep-99	98
01-Oct-99	91
01-Nov-99	114
01-Dec-99	50
01-Jan-00	17
01-Feb-00	26
01-Mar-00	68
01-Apr-00	0
01-May-00	0
01-Jun-00	24
01-Jul-00	41
01-Aug-00	69
01-Sep-00	0
01-Oct-00	0
01-Nov-00	0
01-Dec-00	0
01-Jan-01	0
01-Feb-01	0
01-Mar-01	0
01-Apr-01	0
01-May-01	0
01-Jun-01	0
01-Jul-01	0
01-Aug-01	0
01-Sep-01	0
01-Oct-01	0
01-Nov-01	0
01-Dec-01	0
01-Jan-02	0
01-Feb-02	0
01-Mar-02	0
01-Apr-02	0
01-May-02	0
01-Jun-02	0
01-Jul-02	0
01-Aug-02	0
01-Sep-02	0
01-Oct-02	0
01-Nov-02	0
01-Dec-02	0
01-Jan-03	0
01-Feb-03	0
01-Mar-03	0
01-Apr-03	0
01-May-03	0
01-Jun-03	0
01-Jul-03	0
01-Aug-03	0
01-Sep-03	476
01-Oct-03	844
01-Nov-03	731
01-Dec-03	228

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Operations Summary Report

Legal Well Name: HAMILTON STATE #5
 Common Well Name: HAMILTON STATE #5
 Event Name: CAP WORKOVER
 Contractor Name: RIGLESS WORKOVER
 Rig Name: RIGLESS

Spud Date: 04/30/1954
 Start: 08/15/2003 End: 09/09/2003
 Rig Release: 08/27/2003 Group:
 Rig Number: 1

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
08/16/2003	09:00 - 09:30	0.50	MIMO	a	PREWRK	ROAD RIG TO LOCATION.
	09:30 - 13:45	4.25	RURD	a	OBJECT	RIG UP AZTEC 485. MOVE IN & SPOT EQUIP.
	13:45 - 14:00	0.25	SHDN	a	OBJECT	SHUT WELL IN, SECURE LOCATION, SHUT DOWN FOR WEEK END.
08/19/2003	06:00 - 07:15	1.25	SRIG	a	OBJECT	ROAD RIG CREW T/LOCATION, START, WARM UP & SERVICE RIG
	07:15 - 07:30	0.25	SAFE	a	OBJECT	SAFETY MEETING: N/U & N/D BOP STACK SAFELY
	07:30 - 09:00	1.50	NUND	a	OBJECT	N/D X-TREE, N/U BOP STACK, STRIPPING HEAD, LOWER RIG FLOOR, R/U AIR SLIPS & POWER TONGS, P/U 1" TOOLS, INSTALL 1" PIPE RAMS
	09:00 - 11:00	2.00	PULD	a	OBJECT	TOH, L/D 124-JTS 1.315"-1.68# LINE PIPE TBG, TBG PARTED 4TH JT OFF BTM, LOOKS LIKE HVY CO2 EROSION (EST 4-JTS TBG LEFT IN HOLE, TBG FISH ERODED TOO BAD T/FISH, DECIEDED T/MILL OUT 1" TBG W/METAL MUNCHER MILL
	11:00 - 12:30	1.50	NUND	a	OBJECT	N/D BOP STACK & OLD TBG HEAD, N/U NEW TBG HEAD & BOP STACK
	12:30 - 15:30	3.00	WAIT	a	OBJECT	W/O BAKER 4.75" METAL MUNCHER
	15:30 - 17:00	1.50	PULD	a	OBJECT	P/U & STRAP IN HOLE W/4.75" METAL MUNCHER MILL, 3.75" BIT SUB W/FLOAT, X-OVER, 6-3.125" DC'S & 2.875" WORKSTRING & TAG TOP OF FISH @ 2781.15'
						NOTE BTM OF 5.5" CSG: 2730', 4.750" OPEN HOLE F/2730' T/2822' (92' OPENHOLE) TOP OF FISH 51.15' IN OPENHOLE, FISH IN HOLE F/2781.15' T/2822' (40.85')
	17:00 - 17:30	0.50	RURD	a	OBJECT	MOVE TBG FLOAT T/LAY & R/U BLOOIE LINE T/BLOW PIT
	17:30 - 19:15	1.75	MILL	a	OBJECT	BREAK CIRC W/1500 CFM AIR & 15 BPH FOAM MIST, MILL F/2781.15' T/2808.55', DRY UP WELL W/AIR ONLY
08/20/2003	19:15 - 19:30	0.25	TRIP	a	OBJECT	SHORT TRIP 2-STDs T/2682', S.I. WELL, SDFN
	06:00 - 07:15	1.25	SRIG	a	OBJECT	ROAD RIG CREW T/LOCATION, START, WARM UP & SERVICE RIG
	07:15 - 07:30	0.25	SAFE	a	OBJECT	SAFETY MEETING: STAY CLEAR OF BOP STACK WHEN OPENING & CLOSING RAMS
	07:30 - 10:00	2.50	MILL	a	OBJECT	LOWER MILL & TAG TOP OF FISH @ 2808', BREAK CIRC W/1500 CFM AIR & 15 BPH FOAM MIST, MILL 1" TBG F/2808' T/2822' & MILL NEW 4.75" HOLE F/2822' T/2832', WORK MILL THRU OPEN HOLE F/2730' T/2832' & MILL OUT LT JUNK ON BTM, CIRC HOLE CLEAN @ 2832' W/AIR/MIST
	10:00 - 11:00	1.00	TRIP	a	OBJECT	TOH, STANDBACK 2.875" TBG & 6-3.125" DC'S, L/D 4.75" METAL MUNCHER MILL
	11:00 - 12:00	1.00	TRIP	a	OBJECT	P/U & RIH W/4.75" X .60" OHR MILLTOOTH BIT, 3.75" X 1.87' BIT SUB W/FLOAT, 3.75" X 2.01" X-OVER SUB, 6-3.125" DC'S & 2.875"-6.5#-J-55-8RD EUE WORKSTRING T/2832'
	12:00 - 18:00	6.00	DRLG	a	OBJECT	DRL NEW 4.75" OPENHOLE F/2832' T/2934' W/1500 CFM AIR & 15 BPH FOAM MIST, CIRC & CONDITION HOLE ON BTM W/AIR/MIST
	18:00 - 18:30	0.50	TRIP	a	OBJECT	SHORT TRIP 6-STDs T/2585', S.I. WELL, SDFN
08/21/2003						**NOTE** CALLED & LEFT MESSAGE W/BLM ON CMT JOB, 19:00 HRS 8/19/2003
	06:00 - 07:15	1.25	SRIG	a	OBJECT	ROAD RIG CREW T/LOCATION, START, WARM UP & SERVICE RIG
	07:15 - 07:30	0.25	SAFE	a	OBJECT	SAFETY MEETING: CMT LONG STRING SAFELY
	07:30 - 07:45	0.25	TRIP	a	OBJECT	LOWER BIT & TAG 15' FILL ON BTM
	07:45 - 08:30	0.75	COUT	a	OBJECT	C/O 15' FILL F/2919' T/2934' W/1500 CFM AIR & 15 BPH FOAM MIST
	08:30 - 09:30	1.00	TRIP	a	OBJECT	TOH, L/D 4.75" MILLTOOTH BIT, 3.75" BIT SUB W/FLOAT, 3.75" X-OVER & 6-3.125" DC'S
	09:30 - 10:30	1.00	TRIP	a	OBJECT	P/U & RIH W/2.875" SAWTOOTH COLLAR, 2.875" X 4.32' FLOAT JT W/OMEGA INSERT BAFFLE IN TOP OF FLOAT JT @ 2918.55', 8-JTS

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Operations Summary Report

Legal Well Name: HAMILTON STATE #5
 Common Well Name: HAMILTON STATE #5
 Event Name: CAP WORKOVER
 Contractor Name: RIGLESS WORKOVER
 Rig Name: RIGLESS

Spud Date: 04/30/1954
 Start: 08/15/2003 End: 09/09/2003
 Rig Release: 08/27/2003 Group:
 Rig Number: 1

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
08/21/2003	09:30 - 10:30	1.00	TRIP	a	OBJECT	2.875" PROD CSG, 2.875" X 10.14' MARKER JT, TOP OF MARKER JT @ 2657.46' & 85-JTS 2.875"-6.5#-J-55-8RD EUE PROD CSG LANDED @ 2923.27', TOP OF 2.875" X 4.32' FLOAT JT @ 2918.55' (PBDT) **NOTE** LANDED 2.875" PROD CSG ON CSG HANGER W/18,936 LBS STRING WEIGHT
	10:30 - 11:15	0.75	NUND	a	OBJECT	N/D BOP STACK, N/U X-TREE, N/U 2-2" RETURN LINES F/CSG VALVES T/BLOW PIT
	11:15 - 11:30	0.25	SAFE	a	OBJECT	CMT SAFETY MEETING W/ALL PERSONNEL ON LOC (10 PEOPLE) DISCUSSED CMT PUMPING SAFETY
	11:30 - 13:30	2.00	CEMT	a	OBJECT	R/U BJ SERVICES & PMP 10 BBLS GELLED WTR W/RED DYE, 10 BBLS GELLED WTR, 3 BBLS FRESH WTR PRE-FLUSH & CMT W/300 SKS (107 BBLS SLURRY) PREMIUM LITE HIGH STRENGTH FM W/0.25 LBS/SK CELLO FLAKE (LCM) 0.2% BWOC CD-32 (DISPERSANT) 5 LBS/SK LCM SLURRY EXTENDER, 0.7% BWOC FL-52 (FLUID LOSS) 2% BWOW KCL & 100% FRESH WTR, SLURRY WT: 12.5 PPG, YIELD: 2.01 FT3/SK w/100% RTNS THROUGH OUT CMT JOB, CIRC 10 BBLS GOOD CMT T/SURFACE, WASH PMPS & LINES, DISPLACE W/16.9 BBLS FRESH WTR & BUMPED PLUG @ 12:30 HRS 8/20/2003, RIG DN BJ CMT EQUIPMENT
	13:30 - 15:00	1.50	RURD	a	OBJECT	RIG DN, REL RIG @ 14:00 HRS 8/20/2003 TOTAL 2.875" CSG ON LOC: 100-JTS TOTAL 2.875" CSG RUN IN WELL: 93-JTS TOTAL 2.875" CSG TRANSFERED T/HAMILTON STATE #3: 7-JTS WELL SUMMARY: L/D 124-JTS 1" TBG STRING, MILL OUT 4-JTS 1" TBG, DRL NEW 4.75" OPENHOLE F/2822' T/2934' (TD), RUN & CMT 93-JTS 2.875"-6.5#-J-55-8RD EUE PROD CSG LANDED @ 2923.27', TOP OF FLOAT JT @ 2918.55' (PBDT) TOP OF 2.875" MARKER JT @ 2657.46', CIRC 10 BBLS GOOD CMT T/SURFACE, PLUG DN @ 12:30 HRS 8/20/2003, RIG DN, REL RIG @ 14:00 HRS 8/20/2003, PREP T/MOVE RIG T/HAMILTON STATE #3 THUR AM VIA TRIPLE S TRUCKING, NO ACCIDENTS.
08/26/2003	14:00 - 14:30	0.50	RURD	a	OBJECT	MCNEAL
	14:30 - 15:30	1.00	CASE	a	OBJECT	RU BLACK WARRIOR WIRELINE
	15:30 - 16:00	0.50	RURD	a	OBJECT	BWWC RAN GR/ CCL LOG F/ 2882' TO SURF
	16:00 - 16:15	0.25	PRES	a	OBJECT	RD BWWC & RU THREE RIVERS PUMP TRUCK
08/27/2003	16:15 - 16:30	0.25	RURD	a	OBJECT	PRESS TEST CSG TO 5000#, HELD OK
	07:00 - 08:30	1.50	PERF	a	OBJECT	RD THREE RIVERS PUMP TRUCK
						BWWC RIH W/ 1-11/16" OWEN STP-1687-401NT STRIP GUN W/ 9 GRAM CHARGES, MADE 2 RUNS & PERF PICTURED CLIFFS W/ 1 SPF AS FOLLOWS: 2736'- 2776'
	08:30 - 09:15	0.75	RURD	a	OBJECT	TOTAL 41 HOLES, ALL SHOTS FIRED
	09:15 - 09:30	0.25	SAFE	a	OBJECT	RU DOWELL FRAC EQUIPMENT
	09:30 - 09:45	0.25	STIM	a	OBJECT	SAFETY MEETING - 16 DOWELL, 3 BWWC & 2 BR REPS
	09:45 - 10:30	0.75	FRAC	a	OBJECT	DOWELL BROKE DOWN PICTURED CLIFFS 1.0 BPM @ 2340#, EST INJ RATE 5.2 BPM @ 1855# W/ 9 BBLS WTR DOWELL FRACED PICTURED CLIFFS W/ 217 BBLS 20# LINEAR GEL, 351 MSCF N2 & 100,000# 20/40 ARIZONA SAND IN 5 STAGES AS FOLLOWS:

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Operations Summary Report

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 Contractor Name: RIGLESS WORKOVER
 Rig Name: RIGLESS

Start: 08/15/2003 End: 09/09/2003
 Rig Release: 08/27/2003 Group:
 Rig Number: 1

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
08/27/2003	09:45 - 10:30	0.75	FRAC	a	OBJECT	STAGE---BBLs---MSCF N2---FOAM Q---SAND---START RATE---START PSI---END RATE---END PSI PAD 22 36 70% NONE 30.0 BPM 3683# 30.0 BPM 3302# 1.00# 7 12 70% 1000# 31.0 BPM 3651# 31.0 BPM 3702# 2.00# 11 17 70% 3000# 33.0 BPM 3734# 33.0 BPM 3769# 3.00# 60 95 70% 25000# 34.0 BPM 4003# 34.0 BPM 3950# 4.00# 117 188 70% 71000# 35.0 BPM 4362# 35.0 BPM 4634# FLUSH W/ 6 BBLs & 3 MSCF N2, ISIP - 1635#, TOTAL LOAD TO RECOVER - 229 BBLs
	10:30 - 12:00	1.50	RURD	a	OBJECT	RD DOWELL FRAC EQUIP, RU 2" FLOW BACK LINE W/ DUAL CHOKE MANIFOLD
	12:00 - 06:00	18.00	FLOW	a	OBJECT	SICP - 1150#, OPEN WELL ON 8/64 CHOKE, FLOW WELL BACK AS FOLLOWS: TIME---PRESS---CHOKE---WATER---SAND 16:00 650# 8/64 HVY MIST TRACE 22:00 390# 10/64 HVY MIST LIGHT 00:00 280# 12/64 HVY MIST LIGHT 06:00 140# 14/64 HVY MIST LIGHT
08/28/2003	06:00 - 18:00	12.00	FLOW	a	CLEAN	FLOW WELL 12 HRS, FLOWING ON 48/64 CHOKE @ 7#, SURGING LT MIST & TRACE OF SAND, SHUT WELL IN, RAIN FILLED BLOW PIT
09/09/2003	07:00 - 12:00	5.00	MIMO	a	OBJECT	ROAD COIL TUB. UNIT TO LOC.
	12:00 - 13:00	1.00	RURD	a	OBJECT	R/U COIL TUB. UNIT, BLOW WELL DOWN 180 PSI.
	13:00 - 15:30	2.50	TRIP	a	OBJECT	TIH W/ COIL TUB. TAG @ 2902' C/O W/ 600 CFM AIR RETURNS LT. SAND, 1 1/2 BPH MIST
	15:30 - 16:30	1.00	TRIP	a	OBJECT	TOOH W/ COIL TUB. SHUT WELL IN SECURE LOC. SDFN
09/10/2003	06:00 - 07:30	1.50	SAFE	a	OBJECT	CREW TRAVEL HSM- BLOW WELL DOWN
	07:30 - 08:00	0.50	BLOW	a	OBJECT	BLOW WELL DOWN 280 PSI.
	08:00 - 10:00	2.00	TRIP	a	OBJECT	TIH W/ COIL TUB., C/O @ 2902' W/ 600 CFM AIR RETURNS TR SAND, 1 /2 BPH MIST
	10:00 - 10:30	0.50	TRIP	a	OBJECT	TOOH T/2600'
	10:30 - 12:00	1.50	FLOW	a	OBJECT	FLOW WELL NATURAL
	12:00 - 13:00	1.00	COUT	a	OBJECT	C/O WELL T/ 2902' W/ 600 CFM AIR, RETURNS NO SAND, LT. MIST
	13:00 - 14:00	1.00	TRIP	a	OBJECT	TOOH W/ COIL TUB. R/D COIL TUB. UNIT SHUT WELL IN TURN OVER TO PROD SECURE LOC. SDFN