

New Mexico
Energy Minerals and Natural Resources Department

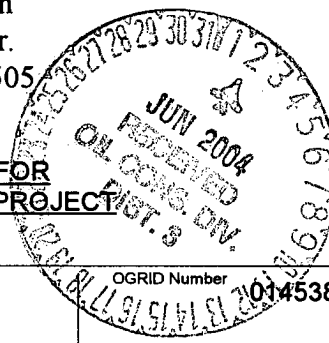
Form C-140
Revised 06/99

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 KLEIN				Well Number 2		API Number 3003906242
UL G	Section 33	Township 26 N	Range 6 W	Feet From The 1800 FNL	Feet From The 1560 FEL	County RIO ARRIBA

II. Workover

Date Workover Commence 08/26/2003	Previous Producing Pool(s) (Prior to Workover): BLANCO P. C. SOUTH (PRORATED GAS)
Date Workover Completed: 10/16/2003	

- 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>6-1-04</u> SUBSCRIBED AND SWORN TO before me this <u>1st</u> day of <u>June</u> , <u>2004</u> . My Commission expires: <u>September 15, 2004</u> Notary Public <u>Nancy Oltramano</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 10/16, 03.

Signature District Supervisor	OCD District SUPERVISOR DISTRICT #3	Date
-------------------------------	--	------

VII. DATE OF NOTIFICATION TO THE SECRETARY OF THE TAXATION AND REVENUE DEPARTMENT:

REG_DTL_D	BLANCO P. C. SOUTH (PRORATED G
-----------	-----------------------------------

10/01/2002	347
11/01/2002	337
12/01/2002	317
01/01/2003	303
02/01/2003	345
03/01/2003	328
04/01/2003	379
05/01/2003	339
06/01/2003	303
07/01/2003	383
08/01/2003	343
09/01/2003	89
10/01/2003	42
11/01/2003	3327
12/01/2003	2722
01/01/2004	2236

BURLINGTON RESOURCES DIVISIONS

Page 1 of 3

Operations Summary Report

Legal Well Name: KLEIN #2

Common Well Name: KLEIN #2

Event Name: CAP WORKOVER

Contractor Name: RIGLESS WORKOVER

Rig Name: RIGLESS

Start: 08/26/2003

Rig Release: 10/16/2003

Rig Number: 1

Spud Date: 09/03/1954

End: 10/16/2003

Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
08/26/2003	06:00 - 09:00	3.00	MIMO	a	OBJECT	CREW TRAVEL
	09:00 - 09:15	0.25	SAFE	a	OBJECT	HSM, TOPIC, PICKING UP & RUNNING DRILL COLLARS, RIG CREW PRESENT
	09:15 - 09:30	0.25	BLOW	a	OBJECT	FTP 45 PSI, FCP 45 PSI, BLOW WELL TO PIT
	09:30 - 11:00	1.50	NUND	a	OBJECT	ND OLD WELLHEAD, NU NEW WELLHEAD, NU BOP
	11:00 - 13:00	2.00	TRIP	a	OBJECT	TOOH & LD 142 JTS 1" TBG & 1" TAIL JT, SEND 1" TBG TO BR YD
	13:00 - 14:00	1.00	NUND	a	OBJECT	NU 5 1/2" BLOOIE LINE
	14:00 - 17:00	3.00	PULD	a	OBJECT	TALLY, & TIH W 4 3/4" BIT, FLOAT SUB, 6 - 3 1/8" DRILL COLLARS, CROSS OVER SUB, 1 JT 2.875" J-55 TBG, PROFILE NIPPLE & 87 JTS 2.875" J-55 TBG, SECURE LOCATION, SDFN
08/27/2003	06:00 - 07:00	1.00	SAFE	a	OBJECT	AZTEC WELL SERVICE MONTHLY SAFETY MEETING
	07:00 - 09:00	2.00	MIMO	a	OBJECT	CREW TRAVEL
	09:00 - 09:15	0.25	SAFE	a	OBJECT	HSM, TOPIC, AWS SAFETY POLICIES & PROCEDURES, RIG CREW PRESENT, CALL BLM ON CEMENTING TOMORROW
	09:15 - 10:30	1.25	COUT	a	OBJECT	TIH TO TD @ 3025', EST CIRC, CO W 1400 CFM AIR & 12 BPH MIST
	10:30 - 16:00	5.50	DRLG	a	OBJECT	DRILL W 4 3/4" BIT TO 3220'
	16:00 - 17:00	1.00	CIRC	a	OBJECT	CIRC @ 3220' UNTIL HOLE IS CLEAN
	17:00 - 18:00	1.00	TRIP	a	OBJECT	TOOH W 10 JT, BIT IN CSG
08/28/2003	06:00 - 07:00	1.00	MIMO	a	OBJECT	CREW TRAVEL
	07:00 - 07:15	0.25	SAFE	a	OBJECT	HSM, TOPIC, POWER SWIVEL OPERATIONS, RIG CREW PRESENT
	07:15 - 10:30	3.25	COUT	a	OBJECT	TIH & TAG @ 3145', CO TO TD @ 3220'
	10:30 - 12:00	1.50	TRIP	a	OBJECT	TOOH & LD DRILL COLLARS & 4 3/4" BIT
	12:00 - 13:00	1.00	TRIP	a	OBJECT	PU & TIH W 2 - 2' X 2.785" J-55 PUP JTS FOR SHOE JT, OMEGA LATCH DOWN BAFFLE, 9 JTS 2.875" J-55 CSG, 1 - 10' X 2.875" J-55 PUP JT (MARKER JT) & 92 JTS 2.875" J-55 CSG, LAND CSG @ 3191.08'
	13:00 - 14:00	1.00	NUND	a	OBJECT	ND BOP, NU WELLHEAD, RU BJ SERVICES TO PUMP CEMENT
	14:00 - 14:15	0.25	SAFE	a	OBJECT	PREJOB SAFETY MEETING, 10 PEOPLE ON LOCATION
	14:15 - 15:30	1.25	CEMT	a	OBJECT	PUMP 10 BBLs GEL WATER W RED DYE ADDITIVE, 10 BBLs GEL WATER, 3 BBLs FRESH WATER, 300 SX (107 BBLs 12.5 PPG SLURRY) PREMIUM LIFE HIGH STRENGTH FM CEMENT, SWAP PUMPS & DISPLACE PLUG, PUMP 18.4 BBLs DISPLACEMENT, BUMP PLUG, SHUT DOWN, WASH UP PUMPS, CIRC APPROX 40 BBLs SLURRY TO PIT
	15:30 - 16:00	0.50	RURD	a	OBJECT	RD BJ SERVICES, RD RIG, MOVE TO NEXT LOCATION
						SUMMARY: MIRU, TOOH W 143 JTS 1" TBG, CHANGE OUT WELLHEAD, NU BOP, PU & TIH WITH 4 3/4" BIT, 6 DRILL COLLARS ON 2.875" TBG, CO TO TD @ 3025', DRILL 4 3/4" HOLE TO 3220', TOOH W BIT, TIH & LAND PROD CSG @ 3191.08', CEMENT W 300 SX, RD RIG & EQUIPMENT
						TBG: 143 JTS 1" TBG TO BR YD, 105 JTS 2.875" J-55 DELIVERED TO LOCATION, WELL 101 JTS, TRANSFER 4 JTS TO CANYON LARGO 27
09/04/2003	06:00 - 09:00	3.00	CASE	a	PREWRK	RIG UP BLACK WARRIOR, RUN GAUGE RING TO 3171' (PBTD @ 3191'), RUN GR-CCL FROM 3171' TO SURFACE, NO CBL RUN, CEMENT CIRCULATED TO SURFACE, RD WIRELINE.
09/19/2003	07:00 - 09:00	2.00	RURD	a	OBJECT	SPOT & R/U SCHLUMBERGER DOWELL,
	09:00 - 10:00	1.00	WAIT	a	OBJECT	WAIT ON PERFORATORS, TROUBLE W/ CROSSING WASH.
	10:00 - 11:30	1.50	PERF	a	OBJECT	R/U BWWC PERFORATE P/C 3 GUN RUNS, W/ OWEN STP-1687-401NT 1-11/16 STRIP GUNS 9GM CHARGES, 2966-3004,

BURLINGTON RESOURCES DIVISIONS

Page 2 of 3

Operations Summary Report

Legal Well Name: KLEIN #2

Common Well Name: KLEIN #2

Event Name: CAP WORKOVER

Contractor Name: RIGLESS WORKOVER

Rig Name: RIGLESS

Start: 08/26/2003

Rig Release: 10/16/2003

Rig Number: 1

Spud Date: 09/03/1954

End: 10/16/2003

Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
09/19/2003	10:00 - 11:30	1.50	PERF	a	OBJECT	3008-3010, 3020-3024, 3039-3044, 3066-3068, 3074-3078, 55 TOT FEET 1SPF, 61 HOLES ALL SHOTD FIRED,
	11:30 - 12:00	0.50	SAFE	a	OBJECT	SAFETY MEETING W/ 17 DOWELL 2 BR, DISCUSS PROCEDURE, FRAC PRESSURES IN 2-7/8, EMERGENCY RESP, ASSIGN WORK STATIONS,
	12:00 - 12:30	0.50	FRAC	a	OBJECT	BRK DOWN 4000# 2.3 BPM, STARTING F.G. .65, AVG F.G. .75, TOP PERF 2960, HYD PSI 2960, HHP 1444, TYPE OF FLUID 20# LINEAR GEL AMT 288 BBLs. PUMP 100,000# 20/40 ARIZ @ SAND CONC OF 1 TO 4 PPG, AVG RATE 32 BPM, MAX 34, MIN 30, AVG PSI 4500, MAX 4780, MIN 2502, AVG N2 12,900, MAX 13,300, MIN 12,100 SCF/MIN. PUMP 3100 GAL 70Q FOAM PAD 30 BPM @ 3200 PSI NOTE LOST SAND CHIEF @ START OF 4 PPG, RE-START W/ SMALL PAD INC SAND FROM 1 TO 4 PPG, DISP W/ 6 FLUID BBLs, N2 4780, ISIP 1315.
	12:30 - 13:30	1.00	RURD	a	OBJECT	RIG DOWN DOWELL,
	13:30 - 14:30	1.00	NUND	a	OBJECT	N/U FLOW LINE
	14:30 - 06:00	15.50	FLOW	a	OBJECT	TIME-----CHOKE-----PSI-----SAND-----FLUID 1500-----8/64-----850-----M,S-----HF, 1800-----8/64-----700-----M,S-----HF 2000-----8/64-----500-----L,S-----HF 2300-----14/64-----300-----T,S-----HF,MM 0100-----16/64-----150-----N,S-----HF 0300-----18/64-----100-----N,S-----HF 0500-----20/64-----60-----N,S-----HF,M,M CONTINUE FLOW BACK
09/20/2003	06:00 - 06:00	24.00	FLOW	a	OBJECT	TRY TO INC CHOKE SIZES THROUGH THE DAY FROM 8 TO 18/64, RESULTS HEAVY SAND ENTRY, WASH OUT CHOKE BODYS, PINCH CHOKE BACK TO 10/64 N2 FOAM WITH MODERATE MIST, TRACE OF SAND. APPROX FLUID RECOVERED 65 BBLs, 1100 HRS INC TO 16/64 LITE SAND N2 MODERATE MIST. 1400-----20/64-----50#-----N,S-----M,M 1700-----24/64-----40#-----N,S-----M,M 2100-----32/64-----30#-----N,S-----M,M 0500-----48/64-----10# NO SAND & SURGING 1 TO 4 BPH, CLOSE WELL IN WAIT ON C/O UNIT.
10/02/2003	08:00 - 11:30	3.50	MIMO	a	MIRU	ROAD RIG TO LOC
	11:30 - 11:45	0.25	SAFE	a	PREWRK	HAD SAFETY MEETING ON WORKING TO TOGETHER ASK QUESTIONS IF NOT SURE ASK . RIG CREW &CONSULTANT WERE PRESENT
	11:45 - 12:00	0.25	RURD	a	OBJECT	RIG UP SWABBING UNIT
	12:00 - 12:15	0.25	BLOW	a	OBJECT	CHECK PSI HAD 200 PSI
	12:15 - 15:30	3.25	WAIT	a	OBJECT	WAIT ON FLOW LINE
	15:30 - 16:00	0.50	RURD	a	OBJECT	RIG UP FLOW LINE
	16:00 - 16:30	0.50	BLOW	a	OBJECT	BLOW WELL DN
	16:30 - 17:30	1.00	COUT	a	OBJECT	RUN IN W/ SINKER BARS TAG @3000 LAY DN SINKER BARS RIH W/ BALER MADE 2' POH
	17:30 - 18:45	1.25	BLOW	a	OBJECT	FLOW WELL NATURAL MAKING LIGHT TO MEDIUM SAND WELLCLEANED UP
	18:45 - 21:00	2.25	SHDN	a	OBJECT	SHUT WELL IN SDFN DROVE TO YARD
10/03/2003	06:00 - 08:00	2.00	SAFE	a	PREWRK	DROVE TO LOC HAD SAFETY MEETING CREW & CONSULTANT WERE PRESENT
	08:00 - 09:00	1.00	BLOW	a	OBJECT	BLOW WELL DN MAKING HEAVY TO LIGHT SAND. WAS HAVING TO OPEN UP WELL TO PULL BALER DERRIK WAS NOT TALL

BURLINGTON RESOURCES DIVISIONS

Page 3 of 3

Operations Summary Report

Legal Well Name: KLEIN #2

Common Well Name: KLEIN #2

Event Name: CAP WORKOVER

Contractor Name: RIGLESS WORKOVER

Rig Name: RIGLESS

Start: 08/26/2003

Rig Release: 10/16/2003

Rig Number: 1

Spud Date: 09/03/1954

End: 10/16/2003

Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
10/03/2003	08:00 - 09:00	1.00	BLOW	a	OBJECT	ENOUGH TO BE ABLE TO PULL BALER INTO LUBRICATE
	09:00 - 12:30	3.50	RURD	a	OBJECT	RIGGED RIG DN RELEASE RIG TO YARD
	12:30 - 13:30	1.00	BLOW	a	OBJECT	BLOW WELL THRU 2" MAKING LIGHT TO MEDIUM SAND
10/15/2003	08:00 - 10:00	2.00	RURD	a	OBJECT	ROAD UNIT TO LOCATION
	10:00 - 11:00	1.00	RURD	a	OBJECT	R/U COIL TBG UNIT, 300# PSI ON CSG, N/U BLOW LINE, BLOW WELL DOWN
	11:00 - 13:00	2.00	COUT	a	OBJECT	TIH C/O TO PBTD 3191' TAG SAND @ 3000', BOTTOM PERF @ 3078', 112' FILL, BLOW WELL FROM PBTD, HEAVY SAND ENTRY, 1/2 TO 1 BBL FLUID,
10/16/2003	13:00 - 14:00	1.00	FLOW	a	OBJECT	TOOH FLOW WELL FOR 1 HR, TIH C/O 70' FILL, C/O TO 3191'
	14:00 - 15:00	1.00	BLOW	a	OBJECT	BLOW WELL FROM PBTD, TOOH SWSD.
	08:00 - 10:00	2.00	COUT	a	OBJECT	350 PSI ON CSG, BLOW WELL DOWN.
	10:00 - 17:00	7.00	COUT	a	OBJECT	TIH TAG 100' FILL. C/O TO PBTD, BLOW WELL FROM PBTD, W/ HEAVY SAND RETURNS APPROX 1/2 BPH FLUID RETURN. PULL UP HOLE FLOW WELL FOR 1 HR, TIH NO SAND FILL, MED SAND IN RETURNS, BLOW WELL FROM PBTD, TOOH, FLOW WELL FOR 1 HR, TIH TAG NO FILL, SWSD, CHECK FILL, A.M. PITOT 10 OZs.
10/17/2003	07:00 - 12:00	5.00	COUT	a	OBJECT	BLOW WELL DOWN 350 PSI, TIH W/ COIL TBG, TAG PBTD, BLOW WELL AROUND C/U SHOT DEBREE, NO SAND 1/2 BBL FLUID, TOOH SWSD
	12:00 - 15:00	3.00	MIMO	a	OBJECT	DRIVE UNIT TO YARD.