

New Mexico
Energy Minerals and Natural Resources Department

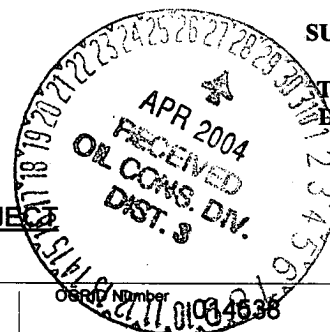
Form C-140
Revised 06/99

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						OSRD Number 034638	
Contact Party Leslie D. White						Phone 505/326-9700	
Property Name GRAMBLING A				Well Number 3A		API Number 3004526411	
UL D	Section 28	Township 28 N	Range 8 W	Feet From The 1100 FNL	Feet From The 820 FWL	County SAN JUAN	

II. Workover

Date Workover Commence 4/8/2003	Previous Producing Pool(s) (Prior to Workover): BLANCO MESAVERDE
Date Workover Completed: 4/14/2003	



- 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 New Mexico)
County of San Juan) ss.
Leslie D. White, 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 Leslie D. White Title Sr. Accountant Date 2/17/04
SUBSCRIBED AND SWORN TO before me this 17 day of February 2004.
My Commission expires: September 15, 2004
Notary Public Nancy Olthmann

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 4/14/03.

Signature District Supervisor <u>328</u>	SUPERVISOR DISTRICT #3	Date
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VII. DATE OF NOTIFICATION TO THE SECRETARY OF THE TAXATION AND REVENUE DEPARTMENT:

GRAMBLING A 3A

3004526411

72319

82329

API

LEASE CD

REG

DTL DT

GAS_PROD

GAS_PROD

01-Apr-02	3650	
01-May-02	3763	
01-Jun-02	3733	
01-Jul-02	4444	
01-Aug-02	4339	
01-Sep-02	4009	
01-Oct-02	4141	
01-Nov-02	3856	
01-Dec-02	3688	
01-Jan-03	3494	
01-Feb-03	3050	
01-Mar-03	3458	
01-Apr-03	2014	2014
01-May-03	3086	3086
01-Jun-03	2364	2364
01-Jul-03	2262	2263

BURLINGTON RESOURCES DIVISIONS

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Operations Summary Report

Legal Well Name: GRAMBLING A #3A
 Common Well Name: GRAMBLING A #3A
 Event Name: CAP WORKOVER
 Contractor Name: DRAKE WELL SERVICE
 Rig Name: DRAKE

Start: 04/08/2003 End: 04/14/2003
 Rig Release: 04/14/2003 Group:
 Rig Number: 26

Spud Date: 06/17/1985

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
04/09/2003	10:00 - 11:15	1.25	MIMO	a	MIRU	ROAD RIG TO LOCATION. { WINCH RIG ACROSS BLANCO WASH }
	11:15 - 14:45	3.50	RURD	a	MIRU	SPOT IN EQUIP & RIG. R/U. DERRICK IN AIR @ 1230 HRS. SICP - 240 PSI, SITP - 240, SIBH - 0 PSI. BLOW DOWN TBG & KILL W/ 5 BBLS 2% KCL. N/D WH, N/U BOP. R/U 6" BLOOIE LINE & 2" BLOW DOWN LINE
	14:45 - 15:30	0.75	RRSR	a	OBJECT	TROUBLE SHOOT DEAD WEIGHT SYSTEM. RE-CHARGE DERRICK LEG PADS
	15:30 - 17:00	1.50	TRIP	a	OBJECT	TOOH & TALLY 69 STDS 2-3/8" TBG. TBG IN GOOD CONDITION W/ NO SCALE OR CORROSION
	17:00 - 18:00	1.00	SHDN	a	OBJECT	SI & SECURE WELL.
04/10/2003	06:00 - 06:45	0.75	SRIG	a	OBJECT	XO RIG MOTOR STARTER. SDFN ROAD CREWS TO LOCATION. START RIG R/U BWWC
	06:45 - 07:00	0.25	SAFE	a	OBJECT	SAFETY MEETING
	07:00 - 08:45	1.75	CASE	a	OBJECT	RUN 3-7/8" GAUGE RING TO 3700'. RUN GR-CCL F 3700 TO 2269'. SET 4-1/2" CIBP ON WIRELINE @ 3664'
	08:45 - 09:00	0.25	RURD	a	OBJECT	R/D WIRELINE
	09:00 - 09:45	0.75	TRIP	a	OBJECT	TIH W/ 55 STDS 2-3/8" TBG, OPEN-ENDED
	09:45 - 10:00	0.25	CIRC	a	OBJECT	LOAD HOLE @ 3572' W/ 107 BBLS 2% KCL
	10:00 - 10:15	0.25	PCKR	a	OBJECT	SET 7" FB PKR @ 31'
						R/U THREE RIVERS
	10:15 - 10:30	0.25	PRES	a	OBJECT	PSI TEST CSG & CIBP W/ 3000 PSI FOR 10 MIN. TEST OK
	10:30 - 10:45	0.25	PCKR	a	OBJECT	L/D PKR
	10:45 - 11:00	0.25	SPOT	a	OBJECT	SPOT 500 GALS 15% HCL, DOUBLE INHIBITED, @ 3572'
	11:00 - 11:30	0.50	TRIP	a	OBJECT	TOOH
	11:30 - 12:15	0.75	PERF	a	OBJECT	R/U BWWC. PERF CHACRA INTERVAL @ 2726', 2730', 2743', 2780', 2837', 2901', 2954', 2970', 3081', 3086', 3081', 3095', 3097', 3122', 3202', 3210', 3220', 3230', 3240', 3270', 3312', 3352', 3470', 3560', 3576', W/ 3-1/8" HSC. LOADED W/ 12 GRAM CHARGES, 1 SPF, 0.32 DIA, 25 HOLES TOTAL
						R/D BWWC
	12:15 - 12:45	0.50	PCKR	a	OBJECT	XO TO 2-7/8" TOOLS. SET 7" FB PKR @ 35' ON 1 JT 2-7/8" L-80 TBG. R/U CAMERON FRAC MANDREL & FRAC VALVE. FUNCTION TEST
04/11/2003	12:45 - 13:30	0.75	SHDN	a	OBJECT	PIPE RAMS
	06:00 - 07:15	1.25	MIMO	a	OBJECT	SECURE WELL. SDFD. WAITING ON FRAC CREW
	07:15 - 09:30	2.25	RURD	a	OBJECT	ROAD BJ FRAC CREW TO LOCATION
	09:30 - 09:45	0.25	SAFE	a	OBJECT	R/U FRAC CREW
						SAFETY MEETING, { FRAC PROCEDURE, MAX PSI, SAFETY PROCEDURES }, 26 PEOPLE PRESENT
	09:45 - 10:00	0.25	PRES	a	OBJECT	PRIME PUMPS, COOL DOWN N2 EQUIP, PSI TEST LINES W/ 4500 PSI
	10:00 - 11:15	1.25	FRAC	a	OBJECT	ESTAB RATE @ 50 BPM. FRAC CHACRA W/ 653 BBLS 20# LINEAR GEL, 75 QUALITY FOAM, & 200,000 LBS 20/40 SAND @ 1 > 3 PPG. FLUSH W/ 24 FLUID BBLS & 39500 SCF N2. ISIP - 1290. AIR - 53 BPM, MAX RATE - 56 BPM, AIP - 2050 PSI, MAX PSI - 2183
	11:15 - 12:00	0.75	RURD	a	OBJECT	R/D FRAC EQUIP, R/U FLOW BACK LINE
	12:00 - 06:00	18.00			OBJECT	SICP 1200 PSI. START FLOW BACK THRU 16/64 CHOKE
						TIME—PSI—CHOKE—RETURNS 1300 1250 16/64 DENSE MIST,LT.SAND 1400 1200 16/64 DENSE MIST,HVY SAND,XO TO 8/64 1500 1150 8/64 DENSE MIST,HVY SAND

BURLINGTON RESOURCES DIVISIONS

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Operations Summary Report

Legal Well Name: GRAMBLING A #3A
 Common Well Name: GRAMBLING A #3A
 Event Name: CAP WORKOVER
 Contractor Name: DRAKE WELL SERVICE
 Rig Name: DRAKE

Start: 04/08/2003 Spud Date: 06/17/1985
 End: 04/14/2003
 Rig Release: 04/14/2003 Group:
 Rig Number: 26

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
04/11/2003	12:00 - 06:00	18.00			OBJECT	1600 1050 8/64 DENSE MIST,HVY SAND 1700 1050 8/64 DENSE MIST,HVY SAND 1800 1050 8/64 DENSE MIST,HVY SAND 2100 1150 8/64 DENSE MIST,LT. SAND,XO TO 16/64 2200 1170 16/64 DENSE MIST,LT.SAND 2300 1050 16/64 DENSE MIST,LT. SAND 2400 950 16/64 DENSE MIST,V. HVY SAND,XO TO 8/64 0100 950 8/64 DENSE MIST,V.HVY SAND 0300 950 8/64 DENSE MIST,HVY SAND 0500 950 8/64 DENSE MIST,HVY SAND
04/12/2003	06:00 - 15:00	9.00	FLOW	a	OBJECT	CONT' TO FLOW BACK WELL TIME—PSI—CHOKE—RETURNS 0600 1025 10/64 DENSE MIST,MED SAND 0730 950 10/64 DENSE MIST,LT. SAND,XO TO 16/64 0845 750 16/64 DENSE MIST,LT. SAND,XO TO 21/64 0945 650 24/64 MED MIST,LT. SAND 1045 600 24/64 MED MIST,LT.SAND,XO TO 32/64 1145 550 32/64 DENSE MIST,LT. SAND,XO TO 48/64 1400 250 48/64 MED > DENSE MIST,LT. SAND,REMOVE CHOKE 1500 70 2" DENSE MIST,LT.SAND KILL CSG W/ 90 BBLS 2 % KCL RELEASE & L/D PKR & FRAC MANDREL XO TO 2-3/8". FUNCTION TEST BOP RAMS TIH W/ 3-7/8" JUNK MILL & 55 STDS 2-3/8" TBG. TAG 135' OF FILL R/U SWIVEL UNLOAD WELL & ESTAB CIRC W/ 1500 SCF AIR & 12 BPH MIST C/O TO CIBP @ 3665' D/O CIBP PUMP 5 BBL SWEEP & BLOW WELL R/D SWIVEL BLOW WELL @ 3682' W/ 700 SCF AIR BUCKET GAUGE @ TIME—WATER—SAND 1930 13.5 BPH TRACE 2030 10.7 BPH TRACE 2130 8.5 BPH TRACE 2230 7.2 BPH TRACE 2330 5.5 BPH TRACE 2430 3.5 BPH TRACE 0130 3.0 BPH TRACE 0230 2.3 BPH TRACE
	15:00 - 15:15	0.25	KILL	a	OBJECT	
	15:15 - 15:45	0.50	PULD	a	OBJECT	
	15:45 - 16:00	0.25	RURD	a	OBJECT	
	16:00 - 16:30	0.50	TRIP	a	OBJECT	
	16:30 - 16:45	0.25	RURD	a	OBJECT	
	16:45 - 17:15	0.50	CIRC	a	OBJECT	
	17:15 - 18:15	1.00	COUT	a	OBJECT	
	18:15 - 18:45	0.50	DRLG	a	OBJECT	
	18:45 - 19:00	0.25	BLOW	a	OBJECT	
	19:00 - 19:15	0.25	RURD	a	OBJECT	
	19:15 - 03:30	8.25	BLOW	a	OBJECT	
	03:30 - 04:30	1.00	BLOW	a	OBJECT	BLOW WELL W/ 700 SCF AIR & 5 BPH MIST. RETURNS - 7.0 BPH WTR W/ NO SAND
	04:30 - 05:30	1.00	FLOW	a	OBJECT	FLOW WELL NATURAL. RETURNS - DRY GAS ONLY
	05:30 - 06:00	0.50	BLOW	a	OBJECT	UNLOAD WELL & BLOW W/ 700 SCF AIR
04/13/2003	06:00 - 06:45	0.75	BLOW	a	OBJECT	BLOW WELL @ 3682' W/ 700 SCF AIR. RETURNS - 1.8 BPH WTR W/ NO SAND
	06:45 - 07:00	0.25	SAFE	a	OBJECT	SAFETY MEETING
	07:00 - 07:30	0.50	TRIP	a	OBJECT	CONT' TO TIH W/ MILL TAG 135' OF FILL
	07:30 - 07:45	0.25	RURD	a	OBJECT	R/U SWIVEL
	07:45 - 08:45	1.00	COUT	a	OBJECT	ESTAB CIRC W/ 1500 SCF AIR & 12 BPH MIST. DRILL UP BOTTOM

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 Contractor Name: DRAKE WELL SERVICE
 Rig Name: DRAKE

Start: 04/08/2003 Spud Date: 06/17/1985
 Rig Release: 04/14/2003 End: 04/14/2003
 Group:
 Rig Number: 26

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
04/13/2003	07:45 - 08:45	1.00	COUT	a	OBJECT	OF CIBP & C/O TO PBTD @ 4788'
	08:45 - 09:15	0.50	BLOW	a	OBJECT	BLOW WELL @ 4788' W/ 700 SCF AIR & 6 BPH MIST. RETURNS - 7.2 BPH FLUID & TRACE SAND
	09:15 - 10:15	1.00	TRIP	a	OBJECT	TOOH W/ MILL
	10:15 - 10:30	0.25	PULD	a	OBJECT	WELL FLOWING 15.8 BPH FRAC FLUID
	10:30 - 11:30	1.00	TRIP	a	OBJECT	L/D MILL. P/U 2-3/8" EXPEND CK. & SN
	11:30 - 12:00	0.50	CIRC	a	OBJECT	TIH W/ 74 STDS 2-3/8" TBG. TAG 30' OF FILL
	12:00 - 12:45	0.75	BLOW	a	OBJECT	ESTAB CIRC W/ 1500 SCF AIR & 8 BPH WTR. C/O TO PBTD
	12:45 - 14:00	1.25	BLOW	a	OBJECT	PULL UP 90'. BLOW WELL @ 4698' W/ 700 SCF. RETURNS- 8.2 > 2.3 BPH WTR. WELL STARTED MAKING HVY SAND
	14:00 - 17:00	3.00	FLOW	a	OBJECT	CONT' TO BLOW WELL @ 4698' W/ 700 SCF AIR & 5 BPH MIST. RETURNS - 9.5 > 5.8 BPH WTR W/ 1/4 TO TRACE SAND
	17:00 - 17:30	0.50	BLOW	a	OBJECT	FLOW WELL NATURAL. RETURNS - 4.0 > 3.0 BPH WTR W/ TRACE SAND
04/14/2003	17:30 - 06:00	12.50	FLOW	a	OBJECT	UNLOAD WELL W/ 1500 SCF AIR. RECOVER APPROX 4 BBLS WTR
	06:00 - 18:00	12.00	FLOW	a	OBJECT	ALTERNATE FLOW WELL NATURAL 3 HRS, { RETURNS - 3.5 > 2.0 BPH WTR W/ TRACE SAND }, THEN BLOW WELL W/ 1500 SCF AIR FOR 30 MIN. RECOVER APPROX 4 BBLS FLUID PER CYCLE
04/15/2003	18:00 - 06:00	12.00	FLOW	a	OBJECT	ALTERNATE FLOW WELL NATURAL 3 HRS, { RETURNS- DRY GAS }, THEN UNLOAD WELL W/ 1500 SCF AIR, { RECOVER APPROX 2 BBLS WTR }, BLOW FOR 30 MIN
	06:00 - 06:45	0.75	FLOW	a	OBJECT	FLOW WELL NATURAL. RETURNS- DRY GAS ONLY
	06:45 - 07:00	0.25	SAFE	a	OBJECT	FLOW WELL NATURAL. RETURNS - DRY GAS
	07:00 - 07:45	0.75	RURD	a	OBJECT	SAFETY MEETING
	07:45 - 08:00	0.25	NUND	a	OBJECT	TAG 8' OF FILL. L/D EXTRA TBG. LAND TBG ON HANGER. R/D FLOOR
	08:00 - 08:30	0.50	BLOW	a	OBJECT	N/D BOP. N/U WELL HEAD
	08:30 - 09:15	0.75	FLOW	a	OBJECT	PUMP OFF CK. BLOW WELL @ 4788'
	09:15 - 09:30	0.25	RURD	a	OBJECT	FLOW WELL THRU TBG TO PURGE AIR. WELL SI @ 0915 AM. R/D EQUIP
						FIN. R/D. RIG RELEASED @ 0930 AM
						SUMMARY: FRAC CHACRA W/ 653 BBLS 20# LINEAR GEL, 75 QUALITY FOAM, & 200,000 LBS 20/40 SAND
						D/O CIBP, C/O TO 4788' { PBTD }
						TBG DETAIL: RAN EXPEND CK, SN, 1 JT TBG, 2' PUP JT & 137 JTS 2-3/8" TBG. EOT @ 4475.16'. LANDED @ 4487' KB, { SEE WELL BORE REPORT }