

New Mexico
Energy Minerals and Natural Resources Department

Form C-140

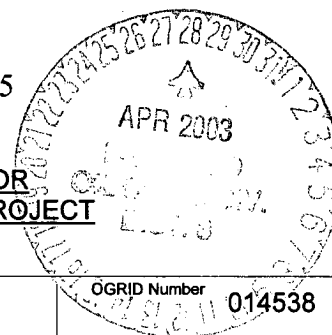
Revised 06/99

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				Peggy Cole			Phone 505/326-9700	
Property Name				Well Number		API Number		
GRENIER B				5		3004520055		
UL	Section	Township	Range	Feet From The		Feet From The		County
L	06	29 N	10 W	1710 FSL		1040 FWL		SAN JUAN

II. Workover

Date Workover Commenced	8/5/2002	Previous Producing Pool(s) (Prior to Workover): BASIN DAKOTA
Date Workover Completed:	8/16/2002	

- 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>Peggy Cole</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>Peggy Cole</u>	Title <u>Regulatory Administrator</u>	Date <u>4-24-03</u>
SUBSCRIBED AND SWORN TO before me this <u>24</u> day of <u>April</u> , 2003.		
My Commission expires:		Notary Public
<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 8-16, 2002.

Signature District Supervisor <u>Charlie T. Larr</u>	OCD District <u>AZTEC III</u>	Date <u>4-29-2003</u>
---	----------------------------------	--------------------------

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

REG_DTL_D	BASIN DAKOTA	BLANCO MESAVERDE	OTERO CHACRA (GAS)
8/1/2001	566		
9/1/2001	25		
10/1/2001	32		
11/1/2001	812		
12/1/2001	1496		
1/1/2002	1281		
2/1/2002	1090		
3/1/2002	1204		
4/1/2002	1074		
5/1/2002	1190		
6/1/2002	1055		
7/1/2002	0		
8/1/2002	1503	1459	1459
9/1/2002	5757	5588	5588
10/1/2002	6410	6222	6221
11/1/2002	5239	5085	5085

Operations Summary Report

Legal Well Name: GRENIER B #5
 Common Well Name: GRENIER B #5
 Event Name: CAP WORKOVER
 Contractor Name: DRAKE WELL SERVICE
 Rig Name: DRAKE

Spud Date: 4/18/1967
 Start: 8/5/2002 End: 8/16/2002
 Rig Release: 8/16/2002 Group:
 Rig Number: 29

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
8/6/2002	05:30 - 07:00	1.50	SRIG	a	PREWRK	ROAD CREW TO LOCATION, SERVICE RIG
	07:00 - 07:15	0.25	SAFE	a	PREWRK	SAFETY MEETING { RURD }
	07:15 - 10:00	2.75	MIMO	a	PREWRK	MOVE IN RIG UP DRAKE #29 & ASSOCIATED EQUIPMENT AS IT ARRIVED ON LOCATION, START BLOWING DOWN WELL
	10:00 - 10:30	0.50	NUND	a	PREWRK	ND WELLHEAD, NU BOP
	10:30 - 11:00	0.50	STUK	a	OBJECT	WORK TBG HANGER FREE
	11:00 - 13:15	2.25	TRIP	a	OBJECT	POOH W/ 218 JTS 2-3/8" EUE 8RD 4.7# J-55 TBG, SLM
	13:15 - 14:00	0.75	TRIP	a	OBJECT	PICK UP 4-1/2" CIBP, RIH ON 2-3/8" TBG
	14:00 - 14:15	0.25	RRSR	a	OBJECT	REPLACE BRAKE BAND ON POWER TONGS
	14:15 - 15:30	1.25	TRIP	a	OBJECT	FINISH TIH W/ CIBP, SET CIBP @ 6550'
	15:30 - 16:30	1.00	PRES	a	OBJECT	LOAD HOLE W/ 2% KCL WTR, PRESSURE TEST 4-1/2" CSG TO 1000 PSI
8/7/2002	16:30 - 18:00	1.50	TRIP	a	OBJECT	POOH, LD SETTING TOOL. SDFD
	05:30 - 07:00	1.50	SRIG	a	OBJECT	ROAD CREW TO LOCATION, SERVICE RIG
	07:00 - 07:15	0.25	SAFE	a	OBJECT	SAFETY MEETING { RU LOGGERS }
	07:15 - 09:00	1.75	CASE	a	OBJECT	RIG UP BWWC, RUN GR/CCL/CBL 4900'-2590' W/ 1000 PSI ON CSG, TOC @ 2590'
	09:00 - 09:30	0.50	PRES	a	OBJECT	MAKE UP PKR ON TWO JTS 2-3/8" TBG, SET @ 55', PRESSURE TEST CSG/CIBP TO 3000 PSI, HELD OK
8/8/2002	09:30 - 15:00	5.50	NUND	a	OBJECT	ND BOP, CUT BOLTS OFF WELLHEAD, WELD EXTENSION ON 4-1/2" CSG, CAMRON HAD WRONG WELLHEAD, DID NOT HAVE 11" 1000# FLANGE IN STOCK, REDRESS OLD WELLHEAD, INSTALL SAME
	05:30 - 07:00	1.50	SRIG	a	OBJECT	ROAD CREW TO LOCATION, SERVICE RIG
	07:00 - 07:15	0.25	SAFE	a	OBJECT	SAFETY MEETING { PERFORATING SAFETY }
	07:15 - 07:45	0.50	PRES	a	OBJECT	PRESSURE TEST WELLHEAD, DID NOT HOLD
	07:45 - 09:45	2.00	NUND	a	OBJECT	ND WELLHEAD, CHANGE RING GASKET, NU WELLHEAD
	09:45 - 10:00	0.25	PRES	a	OBJECT	PRESSURE TEST WELLHEAD TO 1000 PSI
	10:00 - 10:30	0.50	RURD	a	OBJECT	RIG UP BWWC
	10:30 - 11:30	1.00	PERF	a	OBJECT	PERFORATE PTLO, MENEFEE, W/ 3-1/8" CSG GUN UTILIZING SELECT FIRE W/ OWEN 302, 10 GRAM CHARGES, ONE SHOT PER FT FOR A TOTAL OF 25 HOLES
	11:30 - 12:00	0.50	RURD	a	OBJECT	RD BWWC
	12:00 - 13:00	1.00	RURD	a	OBJECT	RIG UP CAMRON ISOLATION TOOL FOR FRAC, WAIT FORFRAC EQUIPMENT
8/9/2002	05:30 - 07:00	1.50	SRIG	a	OBJECT	ROAD CREW TO LOCATION, SERVICE RIG
	07:00 - 07:30	0.50	RURD	a	OBJECT	RIG UP DOWELL FRAC EQUIPMENT
	07:30 - 07:45	0.25	SAFE	a	OBJECT	SAFETY MEETING W/ ALL PERSONEL ON LOCATION, 29 PEOPLE { FRAC PROCEDURE }
	07:45 - 08:00	0.25	PRES	a	OBJECT	PRESSURE TEST LINES TO 4000 PSI
	08:00 - 09:45	1.75	FRAC	a	OBJECT	BREAK DOWN FORMATION, ACIDIZE W/ 25 BBLS 15% HCL @ 22 BPM @ 2700 PSI, SLICKWATER FRAC W/ 200,000# 20/40 ARIZONA SAND @ 44 BPM @ 3000 PSI, FLUSH W/ 65 BBLS, ISIP = 350 PSI
	09:45 - 10:00	0.25	NUND	a	OBJECT	ND FRAC VALVE, NU BWWC
	10:00 - 10:30	0.50	CASE	a	OBJECT	SET CIBP IN 4-1/2" CSG @ 3620'
	10:30 - 10:45	0.25	PRES	a	OBJECT	PRESSURE TEST CIBP TO 1000#
	10:45 - 11:00	0.25	PERF	a	OBJECT	PERFORATE CHACRA 2890'-3452' 1SPF W/ 3-1/8" CSG GUN W/ OWEN 302 10 GRAM CHARGES FOR A TOTAL OF 25 HOLES
	11:00 - 11:30	0.50	NUND	a	OBJECT	NU ISOLATION TOOL, RU DOWELL
	11:30 - 11:45	0.25	PRES	a	OBJECT	PRESSURE TEST LINES TO 4000 PSI
	11:45 - 13:00	1.25	FRAC	a	OBJECT	BREAK DOWN CHACRA W/ 1250 GALS 15% HCL, PUMPED 10,000 GALS 70 QUALITY FOAM PAD @ 39-40 BPM @ 3105-2962 PSI, 20#

Operations Summary Report

Legal Well Name: GRENIER B #5
 Common Well Name: GRENIER B #5
 Event Name: CAP WORKOVER
 Contractor Name: DRAKE WELL SERVICE
 Rig Name: DRAKE

Spud Date: 4/18/1967
 Start: 8/5/2002
 End: 8/16/2002
 Rig Release: 8/16/2002
 Group:
 Rig Number: 29

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
8/9/2002	11:45 - 13:00	1.25	FRAC	a	OBJECT	LINEAR GEL, PUMPED 200,000# 20/40 ARIZONA SAND @ 1-3# CONC, @ 2943- 2460 PSI W/ 70 QUALITY FOAM, 20# LINEAR GEL, FLUSH W/ 11 FLUID BBLS, 12800 SCF N2
	13:00 - 14:00	1.00	RURD	a	OBJECT	RIG DOWN DOWELL, RIG UP FLOW BACK LINES & MANIFOLD
	14:00 - 05:00	15.00	FLOW	a	OBJECT	FLOW BACK ON CHOKE SCHEDULE AS FOLLOWS TIME---CHK---PSI---WTR---SND 1400 10 1500 HVY FM O 1600 12 1200 HM-F O 1800 14 1100 HM-F O 2000 16 1000 HM-F O 2200 18 800 HM O 0000 20 640 HM O 0200 22 450 HM O 0400 24 340 HM O 0500 24 320 HM TR
8/10/2002	05:30 - 07:00	1.50	SRIG	a	OBJECT	ROAD CREW TO LOCATION, SERVICE RIG, CONTINUE TO FLOW WELL DOWN
	07:00 - 07:15	0.25	SAFE	a	OBJECT	SAFETY MEETING { TRIPPING PIPE }
	07:15 - 09:00	1.75	FLOW	a	OBJECT	FLOW WELL BACK ON 32/64' CHOKE UNTIL PRESSURE DROPS TO 100#, OPEN ON 2", BLOW TO 20#
	09:00 - 09:30	0.50	NUND	a	OBJECT	PUMP 50 BBLS 2% KCL TO KILL WELL, PULL PKR, ND ISOLATION TOOL
	09:30 - 10:15	0.75	TRIP	a	OBJECT	TIH W/ 3-7/8" MILL, TAG SAND FILL @ 5555' { 65' FILL }
	10:15 - 10:45	0.50	CIRC	a	OBJECT	ESTABLISH CIRCULATION W/ 1350 SCFM AIR, 12BPH MIST
	10:45 - 11:15	0.50	COUT	a	OBJECT	CLEAN OUT SAND FILL TO CIBP @ 3620'
8/11/2002	11:15 - 05:30	18.25	BLOW	a	OBJECT	FLOW NATURAL & BLOW W/ AIR, WELL MAKING 14 BPH WATER, HEAVY SAND, DECREASING TO 6 BWPH & MEDIUM SAND OVERNIGHT
	05:30 - 05:30	24.00	FLOW	a	OBJECT	FLOW NATURAL, BLOW W/ AIR TO CLEAN UP FRAC, WELL MAKING 6 BWPH W/ MEDIUM SAND, DECREASING TO 3-1/2 BWPH W/ LITE SAND OVERNIGHT
	05:30 - 05:30	24.00	COUT	a	OBJECT	FLOW & BLOW W/ WELL MAKING 3-1/2 BWPH W/ LITE SAND DECREASING TO 1/2 BWPH W/ TRACE OF SAND
8/13/2002	05:30 - 07:00	1.50	SRIG	a	OBJECT	ROAD CREW TO LOCATION, SERVICE RIG, SHUH WELL IN FOR 200 PSI BUILD-UP
	07:00 - 07:15	0.25	SAFE	a	OBJECT	SAFETY MEETING { TESTING WELL }
	07:15 - 08:00	0.75	RURD	a	OBJECT	RIG UP TEST UNIT
	08:00 - 11:00	3.00	TEST	a	OBJECT	TEST CHACRA UP ANNULUS @ 311 MCFD W/ 200# BACK PRESSURE
	11:00 - 11:15	0.25	RURD	a	OBJECT	RIG DOWN TEST UNIT
	11:15 - 11:30	0.25	TRIP	a	OBJECT	TIH TO CIBP @ 3620' { NO SAND FILL }
	11:30 - 11:45	0.25	PULD	a	OBJECT	PICK UP POWER SWIVEL
	11:45 - 12:00	0.25	CIRC	a	OBJECT	ESTABLISH CIRCULATION W/ 1350 SCFM AIR, 12 BPH MIST, UTILIZING TWO & ONE
	12:00 - 13:30	1.50	MILL	a	OBJECT	MILL CIBP @ 3620'
	13:30 - 14:00	0.50	CIRC	a	OBJECT	SWEEP HOLE W/ TWO 4 BBL SWEEPS
	14:00 - 14:15	0.25	PULD	a	OBJECT	STAND BACK SWIVEL
	14:15 - 15:00	0.75	TRIP	a	OBJECT	PUSH JUNK TO 6456', TAG SAND FILL
	15:00 - 15:30	0.50	CIRC	a	OBJECT	SWEEP HOLE W/ TWO 5 BBL SWEEPS
	15:30 - 16:00	0.50	TRIP	a	OBJECT	PUH TO BOTTOM PERF
	16:00 - 05:30	13.50	COUT	a	OBJECT	FLOW NATURAL, BLOW W/ AIR W/ WELL MAKING 22 BBLS WATER W/ HEAVY SAND, DECREASING TO 8 BWPH & MEDIUM SAND

Operations Summary Report

Legal Well Name: GRENIER B #5
 Common Well Name: GRENIER B #5
 Event Name: CAP WORKOVER
 Contractor Name: DRAKE WELL SERVICE
 Rig Name: DRAKE

Spud Date: 4/18/1967
 Start: 8/5/2002 End: 8/16/2002
 Rig Release: 8/16/2002 Group:
 Rig Number: 29

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
8/13/2002	16:00 - 05:30	13.50	COUT	a	OBJECT	OVERNIGHT
8/14/2002	05:30 - 07:00	1.50	SRIG	a	OBJECT	ROAD CREW TO LOCATION, SERVICE RIG, CONTINUE TO FLOW WELL TO CLEAN UP SAND & WATER
	07:00 - 07:15	0.25	SAFE	a	OBJECT	SAFETY MEETING { GOOD HOUSEKEEPING }
	07:15 - 07:45	0.50	TRIP	a	OBJECT	TIH, TAG 26' SAND FILL
	07:45 - 08:15	0.50	COUT	a	OBJECT	CLEAN OUT SAND TO 6456'
	08:15 - 08:45	0.50	CIRC	a	OBJECT	SWEEP HOLE W/ TWO 4 BBL SWEEPS, WELL HEAVING SAND
	08:45 - 09:15	0.50	TRIP	a	OBJECT	PUH TO BOTTOM PERF
	09:15 - 05:30	20.25	COUT	a	OBJECT	FLOW NATURAL, BLOW W/ AIR, PUMP 4 BBL SWEEP EVERY 3 HRS, WELL HEAVING HEAVY SAND W/ SWEEPS, MAKING 8-1/2 BWPH W/ MEDIUM SAND DECREASING TO, DECREASING TO 5-1/2 BWPH W/ MEDIUM SAND
8/15/2002	05:30 - 05:30	24.00	BLOW	a	OBJECT	FLOW NATURAL, BLOW W/ AIR, SWEEP HOLE EVERY THREE HRS W/ WELL HEAVING MEDIUM SAND W/ 4-1/2 BBL WTR/HR, DECREASING TO 2.2 BWPH W/ TRACE OF SAND OVERNIGHT
8/16/2002	05:30 - 06:30	1.00	SRIG	a	OBJECT	ROAD CREW TO LOCATION, SERVICE RIG
	06:30 - 06:45	0.25	SAFE	a	OBJECT	SAFETY MEETING { TRIPPING PIPE }
	06:45 - 07:45	1.00	TRIP	a	OBJECT	POOH, LAY DOWN MILL
	07:45 - 09:00	1.25	TRIP	a	OBJECT	PICK UP BAKER PKR W/ DOWNHOLE SHUT OFF VALVE, TIH, SET PKR @ 3999'
	09:00 - 12:00	3.00	TEST	a	OBJECT	TEST PTLO-MEN @ 703 MCFD
	12:00 - 13:00	1.00	TRIP	a	OBJECT	RELEASE PKR, POOH, LD PKR
	13:00 - 14:15	1.25	TRIP	a	OBJECT	PICK UP 3-7/8" MILL, TIH TO 6446', TAG SND FILL
	14:15 - 14:30	0.25	PULD	a	OBJECT	PICK UP POWER SWIVEL
	14:30 - 14:45	0.25	CIRC	a	OBJECT	ESTABLISH CIRCULATION W/ 1350 SCFM AIR, 12 BPH MIST, UTILIZING TWO & ONE
	14:45 - 15:00	0.25	NUND	a	OBJECT	CHANGE OUT STRIPPER RUBBER
	15:00 - 18:00	3.00	COUT	a	OBJECT	CLEAN OUT SAND & JUNK FROM CIBP TO 6550', SWEEP HOLE { JUNK FROM CIBP ABOVE SPINNING ON SAND }
	18:00 - 05:30	11.50	COUT	a	OBJECT	FLOW NATURAL, BLOW W/ AIR OVERNIGHT W/ WELL MAKING 2-1/2 BWPH W/ TRACE OF SAND
8/17/2002	05:30 - 07:00	1.50	SRIG	a	OBJECT	ROAD CREW TO LOCATION, SERVICE RIG
	07:00 - 07:15	0.25	SAFE	a	OBJECT	SAFETY MEETING { RACKING SWIVEL }
	07:15 - 12:00	4.75	MILL	a	OBJECT	MILL CIBP @ 6550'
	12:00 - 13:30	1.50	COUT	a	OBJECT	CLEAN OUT TO PBTD @ 6750'
	13:30 - 14:00	0.50	CIRC	a	OBJECT	SWEEP HOLE W/ TWO FOUR BBL SWEEPS
	14:00 - 15:30	1.50	TRIP	a	OBJECT	POOH W/ TBG, LAY DOWN MILL
	15:30 - 17:00	1.50	TRIP	a	OBJECT	TIH W/ PRODUCTION TBG AS FOLLOWS, 214 JTS 2-3/8" EUE 8RD 4.7# J-55 TBG SN, TAIL JT, EX CHK TO 6674', LAND TBG, { BROACHED TBG ON TIH }
	17:00 - 17:30	0.50	NUND	a	OBJECT	ND BOP, NU WELLHEAD
	17:30 - 17:45	0.25	PUMP	a	OBJECT	PUMP OFF EXPENDABLE CHECK
	17:45 - 18:00	0.25	CIRC	a	OBJECT	CIRCULATE HOLE CLEAN
	18:00 - 19:00	1.00	TEST	a	OBJECT	PITOT TEST UP TBG @ 869 MCFD, RDSU SUMMARY
						MIRU, POOH, SET CIBP OVER DAK, LOAD & TEST, RUN CBL, PERF & FRAC PTLO-MEN W/ 200,000# SND, SET CIBP OVER PTLO-MEN, PERF & FRAC CHACRS W/ 150,000# SAND, FLOW BACK, DRILL OUT PLUGS, TEST, RUN PROD TBG