

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 CANYON LARGO UNIT				Well Number 279		API Number 3003920888	
UL	Section	Township	Range	Feet From The	Feet From The	County	
A	14	25 N	6 W	790 FNL	1140 FEL	RIO ARRIBA	

II. Workover

Date Workover Commence 08/14/2003	Previous Producing Pool(s) (Prior to Workover): BASIN DAKOTA
Date Workover Completed: 08/22/2003	

- 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>)	
) ss.	
County of <u>San Juan</u>)	
<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 _____ day of _____.	
Notary Public	
My Commission expires:	

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 8-22-2003.

Signature District Supervisor <u>Charles H. ...</u>	OCD District <u>AZTEC III</u>	Date <u>4-16-2004</u>
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VII. DATE OF NOTIFICATION TO THE SECRETARY OF THE TAXATION AND REVENUE DEPARTMENT:

CANYON LARGO UNIT 279

3003920888

71599

82329

REG	DTL	DT	GAS_PROD	GAS_PROD
	01-Aug-02		605	
	01-Sep-02		275	
	01-Oct-02		1811	
	01-Nov-02		1326	
	01-Dec-02		1041	
	01-Jan-03		680	
	01-Feb-03		1069	
	01-Mar-03		743	
	01-Apr-03		795	
	01-May-03		1750	
	01-Jun-03		1686	
	01-Jul-03		1501	
	01-Aug-03		516	
	01-Sep-03		1221	1221
	01-Oct-03		1974	1973
	01-Nov-03		2166	2167

BURLINGTON RESOURCES O&G CO

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Operations Summary Report

Legal Well Name: CANYON LARGO UNIT #279

Common Well Name: CANYON LARGO UNIT #279

Event Name: CAP WORKOVER

Contractor Name: AZTEC WELL SERVICE

Rig Name: AZTEC

Start: 08/14/2003

Rig Release: 08/22/2003

Rig Number: 521

Spud Date: 05/10/1974

End: 08/22/2003

Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
08/15/2003	06:00 - 07:00	1.00	SRIG	a	OBJECT	TRAVEL TO LOCATION, SERVICE & START RIG
	07:00 - 07:15	0.25	SAFE	a	OBJECT	HSM, DRIVING IN MUDDY CONDITIONS, RIG CREW PRESENT
	07:15 - 08:00	0.75	MIMO	a	OBJECT	ROAD RIG TO LOCATION, SPOT RIG
	08:00 - 09:30	1.50	RURD	a	OBJECT	RU RIG, NU 2" BLOW LINE TO PIT
	09:30 - 10:00	0.50	BLOW	a	OBJECT	SITP 160 PSI, SICP 60 PSI, BH OPEN, BLOW WELL TO PIT
	10:00 - 10:30	0.50	KILL	a	OBJECT	KILL TBG W 20 BBLs 2% KCL
	10:30 - 11:00	0.50	NUND	a	OBJECT	NU BOP, UNSEAT TBG HANGER
	11:00 - 12:45	1.75	TRIP	a	OBJECT	TOOH W 226 JTS 2.375" TBG, SEATING NIPPLE ON BTM & 2' PUP 1 JT OFF BTM
	12:45 - 13:45	1.00	TRIP	a	OBJECT	PU & TIH W 4 1/2" CIBP, SET @ 4100'
	13:45 - 14:00	0.25	PUMP	a	OBJECT	LOAD CSG W 60 BBLs 2% KCL
	14:00 - 14:15	0.25	TRIP	a	OBJECT	TOOH W 4 STDs
	14:15 - 14:30	0.25	PRES	a	OBJECT	PRESSURE TEST CSG & CIBP TO 1000 PSI
	14:30 - 15:00	0.50	SPOT	a	OBJECT	SPOT 800 GALS 15% HCL ACROSS CHACRA INTERVAL
	15:00 - 15:45	0.75	TRIP	a	OBJECT	TOOH W SETTING TOOL
	15:45 - 16:30	0.75	CASE	a	OBJECT	RU BWWC, RUN GR-CCL-CBL FROM 4100' TO 2100', CEMENT TOP @ 2770'
	16:30 - 17:00	0.50	PRES	a	OBJECT	TIH W PACKER, PRESSURE TEST CSG & CIBP TO 3000 PSI, TEST OK, SECURE LOCATION, SDFN
08/19/2003	06:00 - 07:00	1.00	SRIG	a	OBJECT	TRAVEL TO LOCATION, SERVICE & START RIG
	07:00 - 07:45	0.75	SAFE	a	OBJECT	HSM, WORKING AROUND HIGH PRESSURE EQUIPMENT, RIG CREW PRESENT, SIWHP 0 PSI
	07:45 - 08:30	0.75	PERF	a	OBJECT	RU BWWC, PERF CHACRA W 25 SHOTS, 1 SPF, 0.33" DIAMETER, 25.89" PENETRATION, 12 GRAM CHARGE (GOEX XII-GM) @ 3794, 3790, 3722, 3706, 3689, 3682, 3680, 3667, 3648, 3634, 3623, 3610, 3603, 3593, 3588, 3586, 3584, 3579, 3578, 3575, 3409, 3384, 3135, 3130, 3119, ALL SHOT FIRED
	08:30 - 09:30	1.00	NUND	a	OBJECT	TIH W 4G 1/2" PACKER ON 2-10' x 2.875" N-80 PUP JT, SET PACKER @ 28', NU FRAC MANDREL, FRAC VALVE & FRAC Y
	09:30 - 09:45	0.25	RURD	a	OBJECT	RU DOWELL FRAC CREW
	09:45 - 10:00	0.25	SAFE	a	OBJECT	HOLD PREJOB SAFETY MEETING, 23 PEOPLE ON LOCATION
	10:00 - 11:30	1.50	FRAC	a	OBJECT	20# LINEAR 75% N2 FOAM BREAKDOWN CHACRA @ 869 PSI @ 5 BPM FRAC LOAD 620 BBLs, FLUSH 16 BBLs, TOTAL LOAD 636 BBLs MAX RATE 40 BPM, MIN RATE 30 BPM, AVE RATE 37 BPM MAX PSI 3000, MIN PSI 2126 AVE PSI 2890 TOTAL N2 1,256,400 SCF, 20/40 ARIZONA 200,000# ISIP 1875 PSI
	11:30 - 12:30	1.00	RURD	a	OBJECT	RD DOWELL, RU FLOW BACK LINES
	12:30 - 06:00	17.50	FLOW	a	OBJECT	1200 HRS, 2000 PSI SHUT IN PRESSURE, OPEN ON 16/64 CHOKE 1300 HRS, 1125 PSI, HF, TS, 16/64 CHOKE 1400 HRS, 1500 PSI, HF, TS, 16/64 CHOKE 1500 HRS, 1425 PSI, HF, LS, 16/64 CHOKE 1600 HRS, 1225 PSI, HF, LS, 16/64 CHOKE 1700 HRS, 900 PSI, HM, MS, CHANGE TO 14/64 CHOKE 1800 HRS, 800 PSI, SLUG SAND PLUGGED CHOKE, CHANGE TO 10/64 1900 HRS, 775 PSI, HF, HS, CHANGE TO 8/64 CHOKE 2300 HRS, 700 PSI, HF, NS, CHANGE TO 10/64 CHOKE 2400 HRS, 670 PSI, HF, LS, 10/64 CHOKE 0100 HRS, 625 PSI, HF, LS, CHANGE TO 12/64 CHOKE 0300 HRS, 525 PSI, HF, LS, CHANGE TO 14/64 CHOKE 0400 HRS, 500 PSI, HF, LS, CHANGE TO 16/64 CHOKE

BURLINGTON RESOURCES O&G CO

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Operations Summary Report

Legal Well Name: CANYON LARGO UNIT #279
 Common Well Name: CANYON LARGO UNIT #279
 Event Name: CAP WORKOVER
 Contractor Name: AZTEC WELL SERVICE
 Rig Name: AZTEC

Spud Date: 05/10/1974
 Start: 08/14/2003 End: 08/22/2003
 Rig Release: 08/22/2003 Group:
 Rig Number: 521

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
08/19/2003	12:30 - 06:00	17.50	FLOW	a	OBJECT	0500 HRS, 450 PSI, HF, LS, 16/64 CHOKE
08/20/2003	06:00 - 07:00	1.00	SRIG	a	OBJECT	TRAVEL TO LOCATION, SERVICE & START RIG
	07:00 - 07:45	0.75	SAFE	a	OBJECT	HSM, KILLING WELL W KCL, RIG CREW PRESENT
	07:45 - 06:00	22.25	FLOW	a	OBJECT	0600 HRS, 400 PSI, HF, HS, CHANGE TO 14/64 CHOKE
						0800 HRS, 370 PSI, HF, MS, 14/64 CHOKE
						1000 HRS, 300 PSI, HF, MS, 14/64 CHOKE
						1200 HRS, 250 PSI, HF, MS, 14/64 CHOKE
						1400 HRS, 230 PSI, HF, MS, 14/64 CHOKE
						1600 HRS, 210 PSI, HF, MS, 14/64 CHOKE
						1800 HRS, 175 PSI, HF, LS, 14/64 CHOKE
						2000 HRS, 145 PSI, HF, LS, CHANGE TO 18/64 CHOKE
						2200 HRS, 110 PSI, HF, HS, CHANGE TO 14/64 CHOKE
						0200 HRS, 110 PSI, MF, LS, CHANGE TO 18/64 CHOKE
						0400 HRS, 95 PSI, HF, LS, CHANGE TO 48/64 CHOKE
						0500 HRS, 18 PSI, HF, LS, OPEN ON 2" LINE
08/21/2003	06:00 - 07:00	1.00	SRIG	a	OBJECT	TRAVEL TO LOCATION, SERVICE & START RIG
	07:00 - 07:15	0.25	SAFE	a	OBJECT	HSM, WORKING W HIGH PRESSURE DURING CLEAN OUT
						PROCEDURE, RIG CREW PRESENT
	07:15 - 07:45	0.50	KILL	a	OBJECT	KILL WELL W 20 BBLS 2% KCL
	07:45 - 08:30	0.75	NUND	a	OBJECT	ND FRAC VALVE, RELEASE PACKER, ND FRAC MANDREL
	08:30 - 09:30	1.00	TRIP	a	OBJECT	TIH W 3.875" MILL ON 120 JTS TBG & TAG FILL @ 3740' (360' FILL)
	09:30 - 17:00	7.50	COUT	a	OBJECT	RU AIR, CO W 1400 CFM & 4 BPH MIST TO CIBP @ 4100', PU TO
						BTM PERF
	17:00 - 06:00	13.00	BLOW	a	OBJECT	BLOW WELL W 2 BOOSTER & 1 COMPR, INJECTING 4 BPH MIST
						1700 HRS, COMPR 2-1, 465 PSI, 4.1 BPH WTR, 3 CPS SD
						1900 HRS, COMPR 2-1, 470 PSI, 4.1 BPH WTR, 2 CPS SD
						2000 HRS, COMPR 2-1, 465 PSI, 4.3 BPH WTR, 1 CP SD
						2400 HRS, COMPR 2-1, 470 PSI, 3.8 BPH WTR, .50 CP SD
						0300 HRS, COMPR 2-1, 475 PSI, 3.6 BPH WTR, .25 CP SD, DROP I
						COMPR
						0500 HRS, COMPR 1-1, 320 PSI, 5.3 BPH WTR, .25 CP SD
08/22/2003	06:00 - 07:00	1.00	SRIG	a	OBJECT	TRAVEL TO LOCATION, SERVICE & START RIG
	07:00 - 07:15	0.25	SAFE	a	OBJECT	HSM, PPE, RIG CREW PRESENT
	07:15 - 08:00	0.75	COUT	a	OBJECT	TIH & CO 4' FILL ON CIBP, PU TO FLOW NATURAL
	08:00 - 10:00	2.00	FLOW	a	OBJECT	FLOW WELL NATURAL
	10:00 - 10:30	0.50	MILL	a	OBJECT	TIH & TAG 3' FILL, MILL CIBP @ 4100' W 1400 CFM AIR & 15 BPH
						MIST, MILL PLUG IN 20 MINS
	10:30 - 11:00	0.50	TRIP	a	OBJECT	SET BACK POWER SWIVEL TIH TO PBTD
	11:00 - 12:00	1.00	BLOW	a	OBJECT	BLOW WELL W 1400 CFM AIR & 4 BPH MIST
	12:00 - 17:00	5.00	TRIP	a	OBJECT	TOOH W MILL ASSY, TIH W PRODUCTION TBG TO BPTD, BROACH
						TBG STRING, PU OFF BTM 4 JTS
	17:00 - 06:00	13.00	BLOW	a	OBJECT	ALTERNATE BLOW W AIR FOR 1 HR & NATURAL FLOW 3 HRS,
						SAND RATE FROM HEAVY TO LIGHT DURING CYCLE, WATER
						RATE APPROX 2 BPH
08/23/2003	06:00 - 07:00	1.00	SRIG	a	OBJECT	TRAVEL TO LOCATION, SERVICE & START RIG
	07:00 - 07:15	0.25	SAFE	a	OBJECT	HSM, RIGGING DOWN RIG & EQUIPMENT, RIG CREW PRESENT
	07:15 - 08:00	0.75	COUT	a	OBJECT	TIH & TAG PBTD, CO @ BPTD
	08:00 - 09:00	1.00	BLOW	a	OBJECT	BLOW WELL W AIR
	09:00 - 09:15	0.25	NUND	a	OBJECT	TOOH & LD 5 JTS TBG, LAND 226 JTS 2.375" TBG @ 7073.70'. SAW
						TOOTH COLLAR, X-CHECK & SEATING NIPPLE ON BTM, 2' X 2.375"
						PUP 1 JT TBG OFF BTM
	09:15 - 09:30	0.25	BLOW	a	OBJECT	ND BOP, NU WELLHEAD
	09:30 - 10:00	0.50	PUMP	a	OBJECT	DROP BALL & PUMP EXPENDABLE CHECK @ 1000 PSI, REVERSE

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Operations Summary Report

Legal Well Name: CANYON LARGO UNIT #279

Common Well Name: CANYON LARGO UNIT #279

Event Name: CAP WORKOVER

Contractor Name: AZTEC WELL SERVICE

Rig Name: AZTEC

Start: 08/14/2003 Spud Date: 05/10/1974
End: 08/22/2003

Rig Release: 08/22/2003 Group:

Rig Number: 521

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
08/23/2003	09:30 - 10:00	0.50	PUMP	a	OBJECT	FLOW UP TBG
	10:00 - 11:30	1.50	TEST	a	OBJECT	PITOT WELL ON 2" LINE @ 309 MCFD WET
	11:30 - 13:00	1.50	BLOW	a	OBJECT	RD RIG & EQUIPMENT
						SUMMARY: MIRU, NDWH, NU BOP, TOO H W 226 JTS 2.375" TBG, TIH & SET CIBP @ 4100', PRESSURE TEST CSG TO 1000 PSI, SPOT ACID, TOO H W SETTING TOOL, RU WIRELINE, RUN GR/CCL/CBL FROM 4100' TO 2100', PRESSURE TEST CSG TO 3000 PSI, PERFORATE CHACRA W 25 HOLES, TIH & SET 4 1/2" PACKER ON 2 - 10' x 2.875" N-80 PUP JTS, SET PACKER @ 28', NU FRAC MANDREL, FRAC VALVE & FRAC Y, RU DOWELL & FRAC CHACRA, FLOW BACK AS PER PROCEDURE, ND FRAC VALVE & FRAC Y, RELEASE & TOO H W PACKER, TIH W 3.875" MILL, CO TO CIBP @ 4100', MILL CIBP, TIH & CO TO PBTD, TOO H & LD MILL ASSY, TIH W PRODUCTION TBG, BROACH TBG, CO TO PBTD, LAND TBG @ 7073.70' W 226 JTS TBG, SAW TOOTH COLLAR, X-CHECK & SEATING NIPPLE ON BTM, 2' PUP 1 JT OFF BTM, PUMP X-CHECK @ 1000 PSI, GAUGE WELL UP TBG @ 309 MCFD WET, RD RIG & EQUIPMENT TBG SUMMARY: AS FOUND, WELL 226 JTS 2.375" TBG, 11 JTS 2.375" TBG RIG STOCK, TOTAL 237 JTS 2.375" TBG AS LEFT, WELL 226 JTS 2.375" TBG, 11 JTS 2.375" TBG RIG STOCK , TOTAL 237 JTS 2.375" TBG