New Mexico

Energy Minerals and Natural Resources Department

Form C-140 Revised 06/99

<u>District I</u> - (505) 393-6161 1625 N. French Dr, Hobbs, NM 88240 <u>District II</u> - (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

OCT 2003

APPLICATION FOR WELL WORKOVER PROJECT

I. Operator and Well	8 31 M 2 32 M						
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 Well Number HUERFANITO UNIT 59	API Number 3004506381						
UL Section Township Range Feet From The Feet From The	County						
E 23 27 N 9 W 1800 FNL 960 FWL	SAN JUAN						
II. Workover							
Date Workover Commence 3/3/2003 Previous Producing Pool(s) (Prior to Workover): BLANCO P. C. SOUTH (PRORATED GA							
Date Workover Completed: 3/15/2003							
V. AFFIDAVIT: State of New Mexico) ss. County of San Juan Leslie D. White , being first duly sworn, upon oath states: 1. I am the Operator, or authorized representative of the Operator, of the a 2. I have made, or caused to be made, a diligent search of the production available for this Well. 3. To the best of my knowledge, this application and the data used to prepare curve and/or table for this Well are complete and accurate. Signature Leslie D. White Title Sr. Accountant Date 10/1	records reasonably are the production						
My Commission expires:							
September 15, 2004 Ta	matha Winsatt						
FOR OIL CONSERVATIONDIVISION USE ONLY: IV. CERTIFICATION OF APPROVAL: This Application is hereby approved and the above-referenced well is designated a V Division hereby verifies the data shows a positive production increase. By copy here Secretary of the Taxation and Revenue Department of this Approval and certifies the was completed Signature District Supervisor OCD District VII. DATE OF NOTIFICATION TO THE SECRETARY OF THE TAXATION AND R	eof, the Division notifies the at this Well Workover Project Date						

REG_DTL_D	BLANCO P. C. SOUTH (PRORATED G	•
3/1/2002	146	
4/1/2002	178	
5/1/2002	194	
6/1/2002	160	
7/1/2002	183	•
8/1/2002	147	
9/1/2002	189	
10/1/2002	201	
11/1/2002	220	
12/1/2002	187	
1/1/2003	227	
2/1/2003	192	
3/1/2003	1891	
4/1/2003	3928	
5/1/2003	2616	
6/1/2003	2412	

Monday, September 29, 2003

QUALIFY: Y MAR 2003

BURLINGTON RESOURCES DIVISIONS

Operations Summary Report

Legal Well Name: HUERFANITO UNIT #59
Common Well Name: HUERFANITO UNIT #59

Spud Date: 07/01/1959 End:

Event Name:

CAP WORKOVER

Start: 03/03/2003 03/15/2003

Contractor Name:

AZTEC WELL SERVICE

Rig Release: 03/15/2003

Group:

Rig Name:

AZTEC

Rig Number: 485

1000 miles (200 C) 100 miles (200				Code	Phase	Description of Operations
03/04/2003	06:00 - 06:30	0.50	FLOW	а	OBJECT	CREW TRAVEL TO LOCATION.
	06:30 - 06:45	0.25	SRIG	a	OBJECT	SERVICE & START RIG.
İ	06:45 - 07:00	0.25	SAFE	a	OBJECT	SAFETY MEETING. 4 AZTEC WELL SERV. TOPIC - RIG MOVE
07:00 - 16:00	07:00 - 16:00	9.00	MIMO	а	OBJECT	ROAD RIG FROM DOUTHIT C FED #100 (CHAIN UP RIG) TO
					HUERFANITO # 59. SPOT RIG & EQUIP ON FOUR STAR LOCATION.	
					MUDDY CONDITIONS, LOCATION WAS NOT READY, MOVE IN	
1						BLADE. RELEASE RIG CREW.
03/05/2003	06:00 - 06:30		FLOW	а	OBJECT	CREW TRAVEL TO LOCATION.
l	06:30 - 06:45		SRIG	а	OBJECT	SERVICE & START RIG.
	06:45 - 07:00	1	SAFE	а	OBJECT	SAFETY MEETING. 4 AZTEC WELL SERV. TOPIC - RIG MOVE
:	07:00 - 07:30	0.50	MIMO	a	OBJECT	ROAD RIG FROM FOUR STAR LOCATION TO LOCATION. COMPLETE ONE CALL.
	07:30 - 11:00	3.50	RURD	а	OBJECT	RIG UP AZTEC # 485, MOVE IN PUMP, TANK & PADS. SHUT IN TBG
						PRESS - 130 PSI. BLEED TO PIT.
	11:00 - 13:00	2.00	RRSR	а	OBJECT	ALLEN HEAD CAP BOLTS ON BOP DOORS WOULD NOT BREAK,
		1		1	ļ	BROKE 4 RATCHETS & AIR HAMMER TRYING TO REMOVE. AZTEC
					Ì	WILL PICK UP 2 HRS RIG TIME.
	13:00 - 14:00	1.00	NUND	а	OBJECT	WELL HEAD CAP RUSTED, BREAK W/ 60 PIPE WRENCH, CHANGE
		<u> </u>				PIPE RAMS, INSTALL 8-5/8" 3000# X 7-1/16" FLANGE.
	14:00 - 15:00	1.00	NUND	а	OBJECT	NIPPLE UP BOP, NIPPLE UP BLOOIE LINE, RIG UP FLOOR, RIG UP
						1-1/4" TOOLS.
	15:00 - 16:00		PULD	а	OBJECT	LAY DOWN 65 JTS 1-1/4" J-55 8rd EUE TBG.
	16:00 - 16:30	1	NUND	а	OBJECT	CHANGE OVER TO 2-3/8" TBG TOOLS, CHANGE PIPE RAMS.
	16:30 - 17:30	1.00	PULD	а	OBJECT	PICK UP 5-1/2" BAKER RBP, STRAP, DRIFT, & PICK UP 66 JTS 2-3/8"
				}		4.7# J-55 8rd EUE TBG, SET RBP @ 2,040'.
17:30 - 18:00	0.50	SHDN	a	OBJECT	LAY DOWN 1 JT, SHUT WELL IN, SECURE LOCATION, SHUT DOW	
						FOR NIGHT.
03/06/2003	06:00 - 06:00		SHDN	а	OBJECT	SHUT DOWN DUE TO WEATHER
03/07/2003	06:00 - 06:00		SHDN	а	OBJECT	SHUT DOWN DUE TO WEATHER
03/08/2003	06:00 - 06:30	I .	FLOW	a	OBJECT	CREW TRAVEL TO LOCATION.
	06:30 - 06:45	1	SRIG	а	OBJECT	SERVICE & START RIG.
	06:45 - 07:00	0.25	SAFE	a	OBJECT	SAFETY MEETING. 4 AZTEC WELL SERV. TOPIC - PRESSURE
						TEST, PINCH POINTS
	07:00 - 08:00	1.00	CIRC	а	OBJECT	PRIME RIG PUMP, BREAK CIRC W/ 52 BBLS 2% KCL, NIPPLE UP
						AMERICAN ENERGY PUMP TRUCK, TIGHTEN BOP FLANGE NUTS.
	08:00 - 09:00	1.00	TEST	а	OBJECT	PRESS TEST CASING W/ 2,900 PSI, WELL HEAD FLANGE TRHDS
						LEAKING, TIGHTEN FLANGE, TEST TO 2,900 PSI, 30 MIN TEST, -
	00.00 40.00	4.00	DOKE	_	OD IFOT	OK. NIPPLE DOWN AMERICAN ENERGY.
	09:00 - 10:00	1.00	PCKR	а	OBJECT	RELEASE BAKER RBP, TRIP OUT W/ 66 JTS 2-3/8" 4.7# J-55 8rd EUE
	40.00 40.45		TOID	_	OD IEOT	TBG & BAKER RBP, LAY DOWN RBP.
•	10:00 - 10:45	0.75	TRIP	а	OBJECT	TRIP IN W/ SAW TOOTH COLLAR, 68 JTS 2-3/8" 4.7# J-55 8rd EUE TBG, TAG FILL @ 2.132'.
	10:45 - 16:00	5 25	соит	a	OBJECT	NIPPLE UP AIR PACKAGE, CLEAN OUT FILL W/ 450 SCF/M AIR MIST
	10.45 - 10.00	3.23	0001	a	OBJECT	@ 10 BPH. CLEAN OUT FROM 2,132' TO PBTD @ 2,139'. INITIAL
					1	WATER @ 3 BPH, INITIAL SAND @ 3 GAL/HR, FINAL SAND &
						WATER @ 0.
	16:00 - 17:00	1 00	TRIP	a	OBJECT	TRIP OUT W/ 70 JTS 2-3/8" 4.7# J-55 8rd EUE TBG.
	17:00 - 17:30		SHDN	a	OBJECT	SHUT WELL IN, DRAIN PUMP & LINES, SECURE LOCATION, SHUT
	17.00	0.00		ا "	SDOLOI	DOWN FOR NIGHT.
03/09/2003	06:00 - 06:30	0.50	FLOW	a	OBJECT	CREW TRAVEL TO LOCATION.
	06:30 - 06:45		SRIG	a	OBJECT	SERVICE & START RIG.
		1	1	1	OBJECT	SAFETY MEETING. 4 AZTEC WELL SERV. TOPIC - PRESSURE
	06:45 - 07:00	0.25	SAFE	a	I CADALCT	ISAFELT MEELING & AZTEC WELL SERV TOPIC - PRESSURE

BURLINGTON RESOURCES DIVISIONS

Operations Summary Report

Legal Well Name:

HUERFANITO UNIT #59

Common Well Name: HUERFANITO UNIT #59

Event Name:

CAP WORKOVER

03/03/2003

Spud Date: 07/01/1959 End:

03/15/2003

Contractor Name:

AZTEC WELL SERVICE

Rig Release: 03/15/2003

Group:

Rig Name:

AZTEC

Ria Number: 485

Rig Name:		AZIEC	•			Rig Number: 485
Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
03/09/2003	07:00 - 08:00	1.00	NUND	а	OBJECT	NIPPLE DOWN STRIPPER HEAD, RE RIG FLOOR, CHANGE TBG TOOLS TO 2-7/8". CHANGE PIPE RAMS TO 2-7/8".
	08:00 - 09:00	1.00	PULD	а	OBJECT	PICK UP 2 JTS 2-7.8" 6.5# N-80 8rd EUE TBG & BAKER 5-1/2" TENSION PACKER, SET PACKER @ 70' KB MEAS.
	09:00 - 14:00	5.00	NUND	а	OBJECT	NU 5,000# FRAC VALVE W/ FRAC Y. SHUT WELL IN, MOVE IN SAND
03/11/2003	06:00 - 06:30	0.50	FLOW	a	OBJECT	CREW TRAVEL TO LOCATION.
	06:30 - 06:45	0.25	SRIG	a	OBJECT	SERVICE & START RIG.
•	06:45 - 07:00	0.25	SAFE	a	OBJECT	SAFETY MEETING. 4 AZTEC WELL SERV. TOPIC - PRESSURE TEST, FRAC SAFETY
	07:00 - 08:30		MIMO	a	OBJECT	MOVE IN DOWELL FRAC EQUIP & RIG UP.
08:30 - 0	08:30 - 08:45	0.25	SAFE	а	OBJECT	SAFETY MEETING W/ 18 DOWELL, 1 ENERGY AIR, 4 AZTEC, 1 BAKER SERV TOOLS, 2 BURLINGTON. TOPIC - FRAC SAFETY
	08:45 - 10:30	1.75	FRAC	а	OBJECT	FRAC PICTURED CLIFFS 257 BBLS 20# LINEAR GEL, 70% QUALITY
l	1	1				FOAM, W/ 284,200 SCF N2, W/ 85,000# 20/40 BRADY SAND 1 PPG
		Ī				TO 4 PPG, & 15,000# 12/20 BRADY SAND @ 4 PPG, MAX PRESS - 1784 PSI, MIN PRESS - 1400, AVRG PRESS - 1600 PSI, MAX RATE -
				l		336 BPM, MIN RATE, 34 BPM, AVRG RATE - 35 BPM, FLUSH W/ 20
					FLUID BBLS W/ 13,200 SCF/M N2, INSTANT SHUT DOWN PSI - 1150	
					PSI, SHUT WELL IN, 277 BBLS TO RECOVER, RIG DOWN FRAC EQUIPMENT.	
ı	10:30 - 11:00	0.50	NUND	а	OBJECT	NIPPLE UP FLOW LINE
ł	11:00 - 06:00	19.00	FLOW	а	OBJECT	FLOW BACK FRAC:
						TIME CHOKE PRESS WTR SAND GAS
			İ			11:00 8/64 1100 0 0 0
						12:00 8/64 800 FOAM 0 N2
l			Į			13:00 8/64 550 FOAM 0 N2
	1					18:00 8/64 500 FOAM 0 N2 22:00 10/64 300 FOAM 0 N2
						22:00
					ļ	01:00 24/64 50 FOAM 0 N2
						02:00 32/64 30 FOAM 0 N2
ĺ					· ·	04:00 32/64 30 FOAM 0 N2
					•	05:30 48/64 20 FOAM 0 N2
03/12/2003	06:00 - 06:30	0.50	FLOW	а	OBJECT	CREW TRAVEL TO LOCATION.
	06:30 - 06:45		SRIG	а	OBJECT	SERVICE & START RIG.
	06:45 - 07:00	1	SAFE	а	OBJECT	SAFETY MEETING. 4 AZTEC WELL SERV. TOPIC - TRIP SAFETY.
	07:00 - 08:00		FLOW	а	OBJECT	FLOW ON 2" OPEN LINE, NO SAND OR GAS, 100% FOAM.
	08:00 - 08:30	1	KILL	а	OBJECT	NIPPLE DOWN FLOW LINE, KILL W/ 20 BBLS 2% KCL.
	08:30 - 09:15	0.75	TRIP	а	OBJECT	RELEASE PACKER, NIPPLE DOWN FRAC VALVE, TRIP OUT W/ 2
	09:15 - 10:00	0.75	NUND	a	OBJECT	JTS 2-7/8" 6.5# N-80 8rd EUE TBG & BAKER PACKER.
	33.13 - 10.00	0.75	טאוטאו	"	OBJECT	NIPPLE UP STIPPER HEAD, NIPPLE UP BLOOIE LINE, CHANGE PIPE RAMS & TBG TOOLS TO 2-3/8".
	10:00 - 10:45	0.75	TRIP	а	OBJECT	TRIP IN W/ SAW TOOTH COLLAR, SEATING NIPPLE & 69 JTS 2-3/8" 4.7# J-55 8rd EUE TBG & 1 - 2-3/8" X 10' PUP JT.
	10:45 - 11:15	0.50	соит	a	OBJECT	BREAK CIRC W/ 450 SCF/M AIR MIST @ 10 BPH, CLEAN OUT 33' OF
	11:15 - 17:30	6.25	BLOW	a	OBJECT	SAND TO PBTD @ 2,139'. BLOW W/ 450 SCF/M AIR MIST @ 10 BPH, INITIAL RETURNS 100% FOAM W/ HEAVY SAND. FINAL RETURNS - FOAM @ 4 BPH W/
	17:30 - 06:00	12.50	BLOW	a	OBJECT	HEAVY SAND. RELEASE RIG CREW. BLOW W/ 450 SCF/M AIR W/ TBG @ 2,115'.

BURLINGTON RESOURCES DIVISIONS

Operations Summary Report

Legal Well Name:

HUERFANITO UNIT #59

Common Well Name:

Contractor Name:

HUERFANITO UNIT #59

Event Name:

CAP WORKOVER AZTEC WELL SERVICE

03/03/2003

Spud Date: 07/01/1959 End: 03/15/2003

Rig Release: 03/15/2003 Group:

Rig Name: **AZTEC** Rig Number: 485 Sub From - To Phase Date Hours Code **Description of Operations** Code 03/13/2003 FLOW 06:00 - 06:30 0.50 **OBJECT** CREW TRAVEL TO LOCATION. 06:30 - 06:45 0.25 SRIG SERVICE & START RIG. **OBJECT** 06:45 - 07:00 SAFE 0.25 a **OBJECT** SAFETY MEETING. 4 AZTEC WELL SERV. TOPIC -EAR PROTECTION 07:00 - 09:30 2.50 **BLOW OBJECT** BLOW W/ AIR @ 450 SCF/M AIR MIST W/ TBG @ 2,137'. RETURNS 80% FRAC FOAM W/ 3 GAL/HR SAND. 09:30 - 10:00 0.50 FLOW **OBJECT** FLOW ON 2" LINE, PITOT TO SMALL TO MEASURE, FLARED FOR 10 MIN, LOADED UP, FLARE WENT OUT. 10:00 - 13:00 3.00 BLOW OBJECT BLOW W/ 450 SCF/M AIR. HEAVY FOAM & MED TO HVY SAND. INITIAL FOAM @ 3.5 BPH, FINAL - 1.7 BPH. FLOW ON 2" OPEN LINE, NO FOAM OR SAND, 100% GAS, PITOT @ 13:00 - 14:00 1.00 FLOW **OBJECT** 115 MCF/D. LOGGED OFF. 14:00 - 17:30 3.50 BLOW **OBJECT** BLOW W/ 450 SCF/M AIR MIST @ 5 BPH. UNLOADED 6 +/- BBLS FOAM, INITIAL FOAM @ 2 BPH, FINAL FOAM - .5 BPH, HVY TO LIGHT SAND. 17:30 - 06:00 12.50 BLOW **OBJECT** ALTERNATE BLOW & FLOW, 40% FOAM W/ MED SAND. 06:00 - 06:30 03/14/2003 0.50 FLOW OBJECT CREW TRAVEL TO LOCATION. 06:30 - 06:45 0.25 SRIG OBJECT SERVICE & START RIG. 06:45 - 07:00 0.25 SAFE **OBJECT** SAFETY MEETING. 4 AZTEC WELL SERV. TOPIC -EAR **PROTECTION** 07:00 - 07:30 0.50 BLOW **OBJECT** BLOW W/ AIR @ 450 SCF/M AIR MIST W/ TBG @ 2,137'. RETURNS 80% FRAC FOAM W/ 3 GAL/HR SAND. 07:30 - 06:00 22.50 FLOW **OBJECT** ALTERNATE FLOW & BLOW, FLOW ON 2" LINE, PITOT - 214 MCF/D. FLARE @ 10 TO 15'. 15' FILL @ END OF EACH FLOW PERIOD & 6+/- BBLS HEAVY FOAM & SAND. 03/15/2003 06:00 - 06:30 0.50 FLOW OBJECT CREW TRAVEL TO LOCATION. 06:30 - 06:45 0.25 SRIG **OBJECT** SERVICE & START RIG. 06:45 - 07:00 OBJECT 0.25 SAFE SAFETY MEETING. 4 AZTEC WELL SERV. TOPIC - AIR CIRC SAFETY. 07:00 - 08:00 1.00 COUT **OBJECT** BLOW W/ AIR @ 450 SCF/M AIR MIST, CLEAN OUT SAND FROM 2,109' TO PBTD @ 2,139'. RETURNS 80% FRAC FOAM W/ 4 GAL/HR 08:00 - 06:00 22.00 FLOW ALTERNATE FLOW & BLOW, FLOW ON 2" LINE, PITOT - 214 MCF/D, **OBJECT** FLARE @ 10 TO 15'. 30' FILL @ END OF FIRST FLOW, 20' FILL AFTER SECOND FLOW, & 15' FILL AFTER THIRD FLOW, 6+/- BBLS HEAVY FOAM & SAND AFTER EACH FLOW. W/ TBG @ 2,134' BLOW W/ AIR MIST 16:00 HRS TO 06:00. 5% FOAM W/ 2 GALTHR AVERAGE SAND. 03/16/2003 06:00 - 06:30 0.50 FLOW **OBJECT** CREW TRAVEL TO LOCATION. 06:30 - 06:45 0.25 SRIG OBJECT SERVICE & START RIG. 06:45 - 07:00 0.25 SAFE **OBJECT** SAFETY MEETING. 4 AZTEC WELL SERV. TOPIC - LIGHTING FLARE 07:00 - 12:30 5.50 FLOW OBJECT FLOW & BLOW, FLOW ON 2" LINE, PITOT - 214 MCF/D. FLARE ON BLOOIE FOR 3 HRS, NO FILL BLOW TO DRY UP. FINAL WATER @ .6 BPH, NO SAND. 12:30 - 13:00 0.50 NUND **OBJECT** LAND TBG AS FOLLOWS: - 2-3/8" SAW TOOTH COLLAR @ 2,117.5" - 2-3/8" 4.7# J-55 8rd EUE TBG - 2-3/8" X 1.78" ID SEATING NIPPLE @ 2,085.08' 66 - 2-3/8" 4.7# J-55 8rd EUE TBG 1 - 2-3/8" X 10' 4.7# J-55 8rd EUE PUP JT. - 2-3/8" 4.7# J-55 8rd EUE TBG. 13:00 - 14:00 1.00 NUND **OBJECT** RIG DOWN FLOOR, NIPPLE DOWN BOP, NIPPLE UP TREE.

Page 4 of 4

BURLINGTON RESOURCES DIVISIONS

Operations Summary Report

Legal Well Name:

Contractor Name:

HUERFANITO UNIT #59

Common Well Name: HUERFANITO UNIT #59

AZTEC WELL SERVICE

Event Name:

CAP WORKOVER

Start:

End: 03/03/2003

Spud Date: 07/01/1959 03/15/2003

Rig Release: 03/15/2003 Group:

Rig Name:		AZTEC			_	Rig Number: 485
Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
03/16/2003	14:00 - 16:00	2.00	RURD	а	OBJECT	RIG DOWN UNIT, NIPPLE DOWN FLOW LINE & BLOOIE LINE, RELEASE RIG @ 16:00 HRS 03/15/2003.
						TRANSFER 7 JTS 2-3/8" 4.7# J-55 8rd EUE TBG TO HUERFANO # 78.
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