

New Mexico  
Energy Minerals and Natural Resources Department

Form C-139  
Revised 06/99

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**

**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

**APPLICATION FOR PRODUCTION RESTORATION 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 HUERFANITO UNIT	Well Number 31	API Number 3004506132
UL L	Section 33	Township 27 N
Range 9 W	Feet From The 1700 FSL	Feet From The 990 FWL
County SAN JUAN		
Previous Producing Pool(s) (If change in Pools): BALLARD PICTURED CLIFFS (GAS)		
Date Production Restoration Started: 10/3/2002		Date Well Returned to Production: 10/14/2002
Describe the process used to return the well to production (Attach additional information if necessary): See Attached		

III. Identify the period and Division records which show the Well had thirty (30) days or less production for the twenty-four consecutive months prior to restoring production:

Records Showing Well produced less than 30 days during 24 month period:

Well file record showing that well was plugged  ONGARD PRODUCTION DATA

Oct form C-115 (Operator's Monthly Report)

IV. AFFIDAVIT:

State of New Mexico )  
 ) ss.  
County of San Juan )  
Peggy Cole, being first duly sworn, upon oath states:

- I am the Operator, or authorized representative of the Operator, of the above-referenced Well.
- I have made, or caused to be made, a diligent search of the production records reasonably available for this Well.
- 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 Peggy Cole Title Regulatory Administrator Date 6-4-03  
SUBSCRIBED AND SWORN TO before me this 4<sup>th</sup> day of June, 2003

My Commission expires: September 15, 2004 Notary Public Nancy Oltmanns

FOR OIL CONSERVATION DIVISION USE ONLY:

V. 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 10-24-2002.

Signature District Supervisor <u>Chuck Heen</u>	OCD District <u>ARTEC III</u>	Date <u>6-30-2003</u>
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VI. DATE OF NOTIFICATION TO THE SECRETARY OF THE TAXATION AND REVENUE DEPARTMENT:

HUERFANITO UNIT 31

3004506132

71439

REG DTL DT GAS PROD

01-Oct-00	0
01-Nov-00	0
01-Dec-00	0
01-Jan-01	0
01-Feb-01	0
01-Mar-01	0
01-Apr-01	0
01-May-01	0
01-Jun-01	0
01-Jul-01	0
01-Aug-01	0
01-Sep-01	0
01-Oct-01	0
01-Nov-01	0
01-Dec-01	0
01-Jan-02	0
01-Feb-02	0
01-Mar-02	0
01-Apr-02	0
01-May-02	0
01-Jun-02	0
01-Jul-02	0
01-Aug-02	0
01-Sep-02	0
01-Oct-02	1014
01-Nov-02	1394
01-Dec-02	1375
01-Jan-03	1046

**Operations Summary Report**

Legal Well Name: HUERFANITO UNIT #31  
 Common Well Name: HUERFANITO UNIT #31  
 Event Name: CAP WORKOVER  
 Contractor Name: RIGLESS WORKOVER  
 Rig Name: RIGLESS

Spud Date: 11/05/1955  
 Start: 10/03/2002  
 Rig Release: 10/14/2002  
 Rig Number: 1

End: 10/14/2002  
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
10/03/2002	08:00 - 08:30	0.50	MIMO	a	MIRU	ROAD RIG FROM HUERFANO # 50 TO HUERFANITO #31
	08:30 - 09:30	1.00	RURD	a	MIRU	SPOT IN RIG RAMP , PUT RIG ON RAMP.& STAND UP RIG .
	09:30 - 12:30	3.00	RURD	a	MIRU	SPOT IN & RU REST OF EQUIP, LAY FLOWLINES .
	12:30 - 13:30	1.00	NUND	a	MIRU	CSG HAD 180 , TBG HAD 120 PSI , TAKE CAP OFF TBG HEAD , MU COMPANION FLANGE , NU BOP .
	13:30 - 13:45	0.25	TRIP	a	OBJECT	PULL DONUT , STARTED POOH W/ 1" TBG , LAID DOWN 14 JTS WHEN TBG PARTED .
	13:45 - 14:30	0.75	WAIT	a	OBJECT	WAIT ON TBG FROM TOWN , LOOKED FOR FISHING HAND , ALL FISHING HANDS WERE OUT .
10/05/2002	14:30 - 15:00	0.50	SHDN	a	OBJECT	LOCK BLINDS , PU TOOLS & LOC , FUEL UP RIG , SDFD
	06:00 - 07:00	1.00	SAFE	a	OBJECT	TRAV TO LOC , START RIG , HOLD SAFETY MEETING ON FISHING 1" TBG , RIG CREW , AIR HANDS , FISHING HAND , CONSULTANT WERE PRESENT .
	07:00 - 07:30	0.50	PULD	a	OBJECT	MU 4 1/16" OVERSHOT , DRESSED W/ 1 5/8" SHORT CATCH GRAPPLE ON 2 7/8" TBG .
	07:30 - 09:00	1.50	TRIP	a	OBJECT	RIH W/ OS , TAG TOP OF FISH @ 320' , ROTATE OVER TOP OF FISH , FINISH RIH W/ 2 7/8" TO 2168' , PULL UP , PULLED OVER 4000 # , HAD DRAG COMING UP .
	09:00 - 09:30	0.50	TRIP	a	OBJECT	TOOH TILL RAN INTO 1" TBG .
	09:30 - 11:00	1.50	WAIT	a	OBJECT	WAIT ON TBG CUTTER FROM TOWN .
	11:00 - 13:00	2.00	TRIP	a	OBJECT	STRIP 1" TBG OUT OF 2 7/8" , RECOVERED 2287' OF 1" TBG , LEFT APPROX 52' OF 1" IN HOLE .
	13:00 - 14:00	1.00	TRIP	a	OBJECT	TIH W/ 4 3/4" BIT & 6 - 3 1/8" DRILL COLLARS , TAG UP @ 2288' , TD @ 2340' .
	14:00 - 18:30	4.50	DRLG	a	OBJECT	DRILL OUT FROM 2288' TO 2340' , CIRCULATE HOLE CLEAN W/ AIR MIST .
	18:30 - 19:00	0.50	SHDN	a	OBJECT	PULL UP TO 2250' , SHUT & LOCK PIPE RAMS , MAKE UP & SHUT SAFETY VALVE , PU TOOLS & LOC , FUEL UP RIG , SDFW .
10/08/2002	06:00 - 07:00	1.00	SAFE	a	OBJECT	TRAV TO LOC , START RIG , HOLD SAFETY MEETING ON PINCH POINTS , RIG CREW , AIR HANDS , CONSULTANT WERE PRESENT .
	07:00 - 08:00	1.00	TRIP	a	OBJECT	TOOH W/ BIT .
	08:00 - 09:00	1.00	TRIP	a	OBJECT	TIH W/ NEW 4 3/4" BIT , TAG UP @ 2340' .
	09:00 - 12:00	3.00	DRLG	a	OBJECT	DEEPEN WELL FROM 2340' TO 2425' W/ AIR MIST , BLOW WELL CLEAN .
	12:00 - 13:00	1.00	TRIP	a	OBJECT	TOOH W/ BIT , LAY DOWN 6 DRILL COLLARS & BIT .
	13:00 - 14:00	1.00	TRIP	a	OBJECT	TIH W/ SAWTOOTH COLLAR , 4' SHOE JT , OMEGA LATCH BAFFLE , 7 JTS OF 2 7/8" , 10' MARKER JT & REST OF TBG .
	14:00 - 15:00	1.00	RURD	a	OBJECT	LAND 2 7/8" CSG @ 2425.06' W/ 77 JTS OF 2.875" , 6.8# , J-55 , EUE , 8 RD CSG , W/ OMEGA LATCH BAFFLE @ 2420.56' , W/ 10' MARKER JT @ 2202.03' , W/ 10' KB INCLUDED , ND BOP , RU CEMENT HEAD .
	15:00 - 15:30	0.50	PRES	a	OBJECT	HOLD SAFETY MEETING ON CEMENTING CSG , RIG CREW , AIR HANDS , CEMENT CREW , CONSULTANT WERE PRESENT , CIRCULATE HOLE W/ AIR MIST WHILE HOLDING SAFETY MEETING .
						PRESS TEST LINES TO 4000 PSI , TESTED GOOD .
	15:30 - 16:00	0.50	CEMT	a	OBJECT	PUMP 10 BBLS OF GEL W/ DYE , PUMP 10 BBLS OF GEL , PUMP 3 BBLS OF H2O SPACER , PUMP 45.5 BBLS OF 12.1# LEAD CEMENT , PUMP 6.5 BBLS OF 14.2# TAIL CEMENT , SHUT DOWN , WASH UP PUMP & LINES , DROP PLUG , PUMP 13 BBLS OF H2O DISPLACEMENT , BUMP PLUG TO 2000 PSI , SLOWLY BLEED PRESS OFF TO 700 PSI , POP BLEEDOFF OPEN TO CHECK LATCH , FLOAT HELD . HAD NO FLOW UP CSG OR ANNULUS , HAD 3 BBLS OF CEMENT RETURNS .

**Operations Summary Report**

Legal Well Name: HUERFANITO UNIT #31  
 Common Well Name: HUERFANITO UNIT #31  
 Event Name: CAP WORKOVER  
 Contractor Name: RIGLESS WORKOVER  
 Rig Name: RIGLESS

Spud Date: 11/05/1955  
 Start: 10/03/2002  
 Rig Release: 10/14/2002  
 Rig Number: 1

End: 10/14/2002  
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
10/08/2002	16:00 - 16:30	0.50	RURD	a	OBJECT	WASH UP PUMP & LINES , RD PUMPLINES & CEMENT HEAD , NU TREE .
	16:30 - 17:30	1.00	RURD	a	RDMO	RD RIG & EQUIP , SDFD . SUMMARY MOL , RU RIG & EQUIP , ND TREE , NU BOP , POOH W/ TBG , TBG PARTED , TIH W/ OS , ROTATE OVER FISH , TOOH W/ FISH , RECOVERED ALL BUT 52' OF FISH , TIH W/ BIT , DRILL BY FISH , DEEPEN WELL FROM 2340' TO 2425' , CIRCULATE CLEAN , TOOH , TIH W/ CSG , LAND CSG , ND BOP , RU CEMENT HEAD , CEMENT CSG , RD PUMPLINES & HEAD , NU TREE , RD RIG & EQUIP . NOTE TRANS 19 JTS OF 2 7/8" TBG TO HUERFANO # 49 .
10/10/2002	08:00 - 10:00	2.00	CASE	a	OBJECT	BLUE JET LOGGED W/ GR/CCL 10/08/2002.
	10:00 - 13:00	3.00	PUMP	a	OBJECT	NIPPLE UP SCHLUMBERGER , TEST 2-7/8" CSG W/ 5000 PSI , 15 MIN TEST - OK.
	13:00 - 14:30	1.50	PERF	a	OBJECT	RIG UP BLUE JET , PERF PICTURED CLIFFS W/ 1-11/16 " OWEN STP-1687-401NT SHOGUN STRIP LOADED W/ 0.24" DIA 9.0 GRAM SHOTS IN 3 RUNS RUN # 1 , PERF 1SPF @ 2,356', 55', 54', & 53'. ALL SHOTS FIRED. RUN # 2 PERF 1SPF @ 2,335', 34', 33', 32', 31', 27', 23', 22', 21', 20', 17', 16', & 15'. ALL SHOTS FIRED. RUN # 3 PERF 1 SPF @ 2,285', 84', 83', 82', 81', 77', 76', & 75'. ALL SHOTS FIRED. RIG DOWN BLUE JET.
	14:30 - 14:45	0.25	FRAC	a	OBJECT	NIPPLE UP SCHLUMBERGER , TEST TEST LINES W/ 6,000 PSI - OK.
	14:45 - 15:00	0.25	SAFE	a	OBJECT	SAFETY MEETING W/ 14 SCHLUMBERGER , 2 BR. TOPIC - FRAC SAFETY , JOB SEQUENCE.
	15:00 - 16:30	1.50	FRAC	a	OBJECT	BREAK DOWN W/ 100 GALS 2% KCL @ 3 BPM @ 1,500 PSI. FRAC PICTURED CLIFFS 230 BBLS 20# LINEAR GEL , 70% QUALITY FOAM , W/ 289,000 SCF N2 , W/ 85,000# 20/40 BRADY SAND 1 PPG TO 4 PPG , & 15,000# 12/20 BRADY SAND @ 4 PPG , MAX PRESS - 4670 PSI , MIN PRESS - 33383 , AVRG PRESS - 3600 PSI , MAX RATE - 35 BPM , MIN RATE , 35 BPM , AVRG RATE - 35 BPM , FLUSH W/ 5 BBLS 2% KCL W/3,000 SCF/N2 , INSTANT SHUT DOWN PSI - 1144 PSI , SHUT WELL IN , 235 BBLS TO RECOVER , RIG DOWN FRAC EQUIPMENT.
	16:30 - 06:00	13.50	FLOW	a	OBJECT	SHUT IN CSG PRESS- 990 PSI TIME CHOKE PRESS WATER SAND. 16:45 8/64 990 N2 MIST TRC 20:15 10/64 620 N2 MIST HVY 20:45 10/64 540. PLUGGING W/ SAND 21:30 12/64 290 PLUGGING W/ SAND 21:45 14/64 180 N2 MIST HVY 22:00 18/64 90 N2 MIST HVY 22:15 32/64 40 N2 MIST HVY 22:30 48/64 10 N2 MIST HVY 0530 48/64 6 N2 MIST MED
10/11/2002	06:00 - 06:00	24.00	FLOW	a	OBJECT	FLOWING ON 48/64" CHOKE W/ 6 PSI , FLOWING MED N2 & FOAM W/ TRACE OFSAND.
10/12/2002	06:00 - 06:00	24.00	FLOW	a	OBJECT	FLOWING ON 48/64" CHOKE W/ 4 PSI , FLOWING MED N2 & FOAM W/ TRACE OFSAND NIPPLE DOWN FRAC VALVE & NIPPLE UP PRODUCTION VALVE.

**BURLINGTON RESOURCES DIVISIONS**  
**Operations Summary Report**

Legal Well Name:	HUERFANITO UNIT #31	Spud Date:	11/05/1955
Common Well Name:	HUERFANITO UNIT #31	Start:	10/03/2002
Event Name:	CAP WORKOVER	End:	10/14/2002
Contractor Name:	RIGLESS WORKOVER	Rig Release:	10/14/2002
Rig Name:	RIGLESS	Group:	
		Rig Number:	1

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
10/12/2002	06:00 - 06:00	24.00	FLOW	a	OBJECT	FLOWING ON 48/64" CHOKE LAST 24 HRS W/ 2 PSI, FLOWING HVY N2 & FOAM W/ TRACE OF SAND. GAS @ 197 MCF/D.
10/13/2002	06:00 - 06:00	24.00	FLOW	a	OBJECT	
10/14/2002	06:00 - 06:00	24.00	FLOW	a	OBJECT	FLOWING ON 48/64" CHOKE LAST 24 HRS W/ 2 PSI, FLOWING LIT N2 & FOAM MIST NOSAND. FINAL GAS @ 197 MCF/D. SHUT WELL IN
10/24/2002	12:30 - 13:15	0.75	MIMO	a	OBJECT	ROAD SWAB UNIT TO LOCATION R/U SILVER STAR SWAB UNIT # 4. TAG FILL @ 2360' W/ SANDLINE BAILER. C/O F 2360' TO 2390'. SAND HEAVING FROM PERFS. SDFN TO REPAIR & REPALCE SAND BAILERS
	13:15 - 16:30	3.25	COUT	a	OBJECT	
10/25/2002	06:00 - 07:00	1.00	MIMO	a	OBJECT	ROAD SWAB CREW TO LOCATION RE-DRESS SAND BAILER TAG FILL @ 2370'. C/O F 2370' TO 2420', { PBSD }, W/ SANDLINE BAILER. RECOVER APPROX 4 CU. FT. FRAC SAND, WAIT 30 MIN. TAG 15' OF NEW FILL. RETURN WELL TO SALES LINE. SDFN
	07:00 - 07:30	0.50	RURD	a	OBJECT	
	07:30 - 17:00	9.50	COUT	a	OBJECT	
10/26/2002	06:00 - 07:00	1.00	MIMO	a	OBJECT	ROAD CREW TO LOCATION SERVICE & START SWAB UNIT TAG FILL @ 2407'. C/O SAND BRIDGE F 2407' TO 2420', { PBSD }. HAD NO NEW FILL. R/D SWAB UNIT & RELEASE. RETURN WELL TO SALES LINE
	07:00 - 07:15	0.25	SRIG	a	OBJECT	
	07:15 - 08:30	1.25	COUT	a	OBJECT	
12/24/2002	07:00 - 08:00	1.00	SRIG	a	PREWRK	ROAD COIL TBG UNIT TO LOCATION, SPOT UNIT. RU COIL TBG UNIT AND EQUIPMENT.
	08:00 - 09:00	1.00	RURD	a	PREWRK	
	09:00 - 10:00	1.00	TRIP	a	OBJECT	RIH W/ 1 1/4" COIL TBG TO 1950', RAN OUT OF COIL TBG, NEEDED 2325', POOH W/ COIL TBG. RD COIL TBG UNIT. ROAD COIL TBG UNIT TO SANJELS YARD, LOADED 2500' OF 1 1/4" COIL TBG, ROADED COIL TBG UNIT BACK TO LOCATION. RU COIL TBG UNIT, TRIED TO CIRC AIR THRU 1 1/4" COIL TBG, PRESSURED UP TO 2000 PSI W/ NO CIRC.
	10:00 - 10:30	0.50	RURD	a	OBJECT	
	10:30 - 14:00	3.50	SHDN	a	OBJECT	
	14:00 - 15:00	1.00	RURD	a	OBJECT	RD COIL TBG UNIT, SIW, SDFD. ROAD COIL TBG UNIT TO LOCATION, SPOT UNIT. RU COIL TBG UNIT. RIH W/ 1 1/4" COIL TBG, TAGGED PBSD @ 2418', NO FILL. CIRC W/ AIR, RETURNS TRACE SAND W/ NO FLUID, CLEANED UP WELLBORE.
12/25/2002	15:00 - 15:30	0.50	RURD	a	OBJECT	
	07:00 - 09:00	2.00	SRIG	a	PREWRK	LANDED 1 1/4" COIL TBG @ 2325', LANDED TBG. RD, RELEASED RIG @ 12:00 HRS, MOVE TO ANGEL PEAK # 18 R.
	09:00 - 09:30	0.50	RURD	a	PREWRK	
	09:30 - 10:00	0.50	TRIP	a	OBJECT	
	10:00 - 10:30	0.50	CIRC	a	OBJECT	
	10:30 - 11:00	0.50	NUND	a	OBJECT	
	11:00 - 12:00	1.00	RURD	a	OBJECT	