

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**

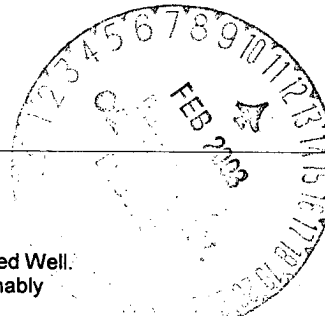
Operator name address <b>Burlington Resources Oil and Gas Co. LPPO Box 4289, Farmington, NM 87499</b>					OGRID Number <b>014538</b>		
Contact Party <b>Peggy Cole</b>					Phone <b>505/326-9700</b>		
Property Name <b>CLEVELAND</b>				Well Number <b>4</b>		API Number <b>3004506328</b>	
UL	Section	Township	Range	Feet From The	Feet From The	County	
N	21	27 N	9 W	990 FSL	1650 FWL	SAN JUAN	

**II. Workover**

Date Workover Commenced <b>3/12/2002</b>	Previous Producing Pool(s) (Prior to Workover): <b>FULCHER KUTZ PICTURED CLIFFS (GA)</b>
Date Workover Completed: <b>3/27/2002</b>	

- 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.	
Peggy Cole, being first duly sworn, upon oath states:	
<ol style="list-style-type: none"><li>1. I am the Operator, or authorized representative of the Operator, of the above-referenced Well.</li><li>2. I have made, or caused to be made, a diligent search of the production records reasonably available for this Well.</li><li>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.</li></ol>	
Signature <u>Peggy Cole</u>	Title <u>Regulatory Administrator</u> Date <u>2-11-03</u>
SUBSCRIBED AND SWORN TO before me this <u>11<sup>th</sup></u> day of <u>February</u> 2003	
Notary Public	
My Commission expires: <u>September 15, 2004</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 3-27-2002.

Signature District Supervisor <u>Charles T. Lessor</u>	OCD District <u>AZTEC III</u>	Date <u>2-12-2003</u>
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**VII. DATE OF NOTIFICATION TO THE SECRETARY OF THE TAXATION AND REVENUE DEPARTMENT:**

REG_DTL_D	FULCHER KUTZ PICTURED CLIFFS (	BASIN FRUITLAND COAL (GAS)
3/1/2001	878	
4/1/2001	634	
5/1/2001	343	
6/1/2001	92	
7/1/2001	173	
8/1/2001	357	
9/1/2001	702	
10/1/2001	1259	
11/1/2001	886	
12/1/2001	972	
1/1/2002	926	
2/1/2002	733	
3/1/2002	705	
4/1/2002	1703	1290
5/1/2002	1612	1199
6/1/2002	1133	1133

## Operations Summary Report

Legal Well Name: CLEVELAND #4  
 Common Well Name: CLEVELAND #4  
 Event Name: CAP WORKOVER  
 Contractor Name: AZTEC WELL SERVICE  
 Rig Name: AZTEC

Spud Date: 6/15/1955  
 Start: 3/12/2002 End: 3/27/2002  
 Rig Release: 3/27/2002 Group:  
 Rig Number: 449

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
3/13/2002	12:00 - 14:30	2.50	MIMO	a	MIRU	ROAD RIG FROM CONGRESS # 5E TO CLEVELAND # 4 .
	14:30 - 15:30	1.00	RURD	a	MIRU	SPOT IN RIG RAMP & STAND UP RIG .
	15:30 - 18:00	2.50	RURD	a	MIRU	SPOT IN & RU REST OF EQUIP , LAY FLOWLINES . SDFD .
3/14/2002	06:00 - 07:00	1.00	SAFE	a	OBJECT	TRAV TO LOC , START RIG , HOLD SAFETY MEETING ON KILLING WELL , NU FRAC VALVE , RIG CREW , AIR HAND , WELLHEAD HAND , CONSULTANT WERE PRESENT . CSG HAD 150 PSI , BH WAS DEAD .
	07:00 - 08:00	1.00	NUND	a	OBJECT	KILL CSG W/ 6 BBLS OF 2% KCL , ND TREE , NU FRAC VALVE .
	08:00 - 10:00	2.00	WAIT	a	OBJECT	WAIT ON WIRELINE TRUCK .
	10:00 - 10:45	0.75	CASE	a	OBJECT	RU WL , RIH W/ 3 1/2" COMPOSITE BRIDGE PLUG & SET @ 2080' , POOH .
	10:45 - 11:45	1.00	PRES	a	OBJECT	SPOT IN & RU PUMP TRUCK , HOLD SAFETY MEETING ON PRESS TEST CSG , RIG CREW , WIRELINE HANDS , PUMP HANDS , CONSULTANT WERE PRESENT , PRIME UP PUMP , PRESS TEST LINES TO 6500 PSI , TESTED GOOD , LOAD CSG , PRESS TEST CSG TO 6000 PSI , TESTED GOOD , BLEED PSI OFF , RD PUMP LINE .
	11:45 - 12:30	0.75	PERF	a	OBJECT	RIH W/ 2 1/8" RTG GUN LOADED W/ OWEN RTG - 2500 - 305 13 GM CHARGES , PERF LOWER FTC FROM 2048' TO 2061' , 2023' TO 2030' , @ 4 SPF FOR A TOTAL OF 80 HOLES , POOH , SHUT FRAC VALVE IN .
	12:30 - 15:00	2.50	WAIT	a	OBJECT	WAIT ON FRAC CREW .
	15:00 - 16:00	1.00	WAIT	a	OBJECT	WHILE TURNING PCM AROUND ON ANOUTHER LOC , GOT PCM STUCK ON EDGE OF LOC . PULL PCM OUT W/ POD & LINE TRUCK .
	16:00 - 17:30	1.50	RURD	a	OBJECT	SPOT IN FRAC EQUIP , RU FRAC LINE .
	17:30 - 18:30	1.00	WAIT	a	OBJECT	COULDN'T GET C PUMP TO PRIME UP , HAD TO SDFD DUE TO LOSS OF DAYLIGHT
3/15/2002	06:00 - 07:00	1.00	SAFE	a	OBJECT	TRAV TO LOC , START FRAC EQUIP , HOLD SAFETY MEETING ON FRACING FTC , RIG CREW , FRAC CREW , FRAC CONSULTANT CONSULTANT WERE PRESENT .
	07:00 - 07:30	0.50	PRES	a	OBJECT	PRIME UP PUMPS , PRESS TEST LINES TO 7500 PSI , TESTED GOOD .
	07:30 - 08:00	0.50	FRAC	a	OBJECT	BREAKDOWN W/ 500 GALS OF 15% HCL , BROKE @ 900 PSI @ 4.2 BPM , ISIP OF 310 PSI , PUMP 4000 GAL 30# CROSS LINK & 70 QUALITY FOAM PAD @ 50 BPM @ 2450 PSI , PUMPED APPROX 35,000# 20/40 ARIZONA SAND @ .25 TO 4 PPG SAND CONC @ 50 BPM @ 2429 TO 4170 PSI , 70 QUALITY FOAM & 30# LINEAR GEL , DISPLACE W/ 18 FLUID BBLS , AVG RATE 49 BPM , MAX 51 , MIN 15 , AVG PRESS 2800 , MAX PRESS 4170 , MIN PRESS 1705 TOTAL FLUID TO RECOVER 335 BBLS . ISIP 1242 , 5 MIN 1150 , 10 MIN 1119 , 15 MIN 1100 .
	08:00 - 10:00	2.00	WAIT	a	OBJECT	WAIT ON SAND TO FALL OUT .
	10:00 - 11:00	1.00	PRES	a	OBJECT	OPEN WELL UP , HAD 850 PSI , PUMP 4 BBLS TO TRY & PRESS UP ON CSG , PRESS UP TO 2940 , SHUT DOWN , BLED OFF TO 2690 IN 10 MIN , PUMP 1.5 BBLS PRESS UP TO 5100 PSI , BLED OFF TO 4940 IN 10 MIN , BLEED PRESS OFF TO 1200 PSI THRU 2" LINE .
	11:00 - 13:30	2.50	WAIT	a	OBJECT	RU WIRELINE , TRY TO RIH W/ 2 1/8" RTG GUN , COULDN'T GET OUT OF LUBRICATOR . WAIT ON MORE WEIGHTED BAR FROM TOWN .
	13:30 - 14:00	0.50	PERF	a	OBJECT	RIH W/ 2 1/8" RTG GUN , TAG SAND @ 1584' , HAD 424' OF FILL , HAD UPPER FRUITLAND COAL ZONE COVERED , POOH RD WL .
	14:00 - 15:00	1.00	RURD	a	OBJECT	DRAIN UP FRAC EQUIP & LINE , RD PUMP LINE , RU FLOWLINE & TEST W/ WELL PRESS , HAD 850 PSI , TESTED GOOD .

## Operations Summary Report

Legal Well Name: CLEVELAND #4  
 Common Well Name: CLEVELAND #4  
 Event Name: CAP WORKOVER  
 Contractor Name: AZTEC WELL SERVICE  
 Rig Name: AZTEC

Spud Date: 6/15/1955  
 Start: 3/12/2002 End: 3/27/2002  
 Rig Release: 3/27/2002 Group:  
 Rig Number: 449

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
3/15/2002	15:00 - 16:00	1.00	FLOW	a	CLEAN	FLOW FRAC BACK THRU CHOKE MANIFOLD ON 16/64" CHOKE , MAKING LIGHT MIST , NO SAND @ 850 PSI .
	16:00 - 20:00	4.00	FLOW	a	CLEAN	10/64" CHOKE , MAKING HEAVY MIST , LIGHT TO MEDIUM SAND @ 350 PSI .
	20:00 - 23:00	3.00	FLOW	a	CLEAN	12/64" CHOKE , MAKING HEAVY MIST , LIGHT SAND @ 200 PSI .
	23:00 - 00:00	1.00	FLOW	a	CLEAN	14/64" CHOKE , MAKING MEDIUM MIST , LIGHT SAND @ 175 PSI .
	00:00 - 02:00	2.00	FLOW	a	CLEAN	16/64" CHOKE , MAKING MEDIUM MIST , NO SAND @ 50 PSI .
	02:00 - 04:00	2.00	FLOW	a	CLEAN	24/64" CHOKE , MAKING LIGHT MIST , TRACE OF SAND @ 50 PSI .
	04:00 - 06:00	2.00	FLOW	a	CLEAN	32/64" CHOKE , MAKING LIGHT MIST , NO SAND @ 20 PSI .
3/16/2002	06:00 - 07:00	1.00	SAFE	a	OBJECT	TRAV TO LOC , START RIG , HOLD SAFETY MEETING ON PERFORATING , RIG CREW , AIR HAND , WIRELINE HANDS , CONSULTANT WERE PRESENT .
	07:00 - 11:00	4.00	CASE	a	OBJECT	RU WIRELINE , PUMP 5 BBLs OF 2% KCL , RIH W/ 3 1/2" COMPOSITE BRIDGE PLUG , TAG UP @ 1914' , POOH , PUMP 6 BBLs OF 2% KCL CAUGHT PRESS , RIH W/ BP , TAG UP @ 1914' , POOH , RIH W/ 2" SINKER BAR W/ 1" COLLAR LOCATOR ON BOTTOM , TAG UP @ 1914' , HAD NO DRAG PU , TAGGED UP @ 1914' EVERY TIME , POOH , LAY DOWN SINKER BAR , HAD GOUGES ONLY ON COLLAR LOCATOR .
	11:00 - 13:00	2.00	RURD	a	OBJECT	RD WIRELINE & FRAC CREW .
	13:00 - 15:30	2.50	RURD	a	OBJECT	MOVE CATWALK OFF LOC , SPOT TBG FLOAT IN WHERE CATWALK WAS , SPOT IN AIR PKG . RU AIR PKG . WHILE WAITING ON WELLHEAD & FLOW TEE FROM TOWN .
	15:30 - 16:15	0.75	NUND	a	OBJECT	NU TBG HEAD , FLOW TEE , NU BOP , RU FLOOR , TONGS , ECT .
	16:15 - 18:00	1.75	TRIP	a	OBJECT	RIH W/ 2.75" TAPER MILL TO 1855' , PU 1.25" HOMCO SLIM HOLE TBG , SLIPS DID NOT WANT TO BITE TBG , TALLY & RABBIT IN HOLE .
	18:00 - 18:30	0.50	SHDN	a	OBJECT	SHUT & LOCK PIPE RAMS , MAKE UP & SHUT X - OVER & TIW VALVE , DRAIN UP EQUIP , PU TOOLS & LOC , FUEL UP RIG , SDFD
3/19/2002	06:00 - 07:00	1.00	SAFE	a	OBJECT	TRAV TO LOC , START RIG , HOLD SAFETY MEETING ON MILL OUT TIGHT SPOT , RIG CREW , AIR HAND , CONSULTANT WERE PRESENT .
	07:00 - 07:15	0.25	TRIP	a	OBJECT	SHORT TIH , TAG TIGHT SPOT @ 1914' .
	07:15 - 09:00	1.75	MILL	a	OBJECT	PU SWIVEL , COULD NOT CIRCULATE W/ AIR , CIRCULATE W/ RIG PUMP & 2% KCL , MILL THRU TIGHT SPOT @ 1914' W/ TAPER MILL .
	09:00 - 15:45	6.75	COUT	a	OBJECT	RIH , TAG UP @ 1953' , CO TO TOP OF COMPOSITE BRIDGE PLUG W/ AIR MIST , MAKING 8 BPH OF H2O & 1/2 GALLON OF SAND , CLEANED UP TO 5 BPH OF H2O & TABLE SPOON OF SAND .
	15:45 - 16:45	1.00	TRIP	a	OBJECT	HANG SWIVEL BACK , TOO H W/ TAPER MILL , LAY MILL DOWN .
	16:45 - 17:15	0.50	CASE	a	OBJECT	RU WIRELINE , RIH W/ 3 1/2" COMPOSITE BRIDGE PLUG & SET @ 2008' , POOH .
	17:15 - 17:45	0.50	PRES	a	OBJECT	LOAD HOLE & PRESS TEST CSG & BRIDGE PLUG TO 4000 PSI , TESTED GOOD .
3/20/2002	17:45 - 19:00	1.25	PERF	a	OBJECT	RIH W/ 2 1/8" RTG GUN LOADED W/ OWEN RTG - 2500 - 305 13 GM CHARGES , PERF UPPER FRUITLAND COAL FROM 1992' TO 96' , 1986' TO 89' , 1957' TO 59' , 1942' TO 45' , 1928' TO 30' , @ 4 SPF FOR A TOTAL OF 56 HOLES @ 60 DEG PHASING , POOH , RD WIRELINE .
	19:00 - 19:30	0.50	SHDN	a	OBJECT	SHUT & LOCK BLINDS , DRAIN UP EQUIP , PU TOOLS & LOC , FUEL UP RIG , SDFD .
	06:00 - 07:00	1.00	RURD	a	OBJECT	TRAV TO LOC , START RIG , HOLD SAFETY MEETING ON ND BOP , NU FRAC VALVE , RIG CREW , CONSULTANT WERE PRESENT .

## Operations Summary Report

Legal Well Name: CLEVELAND #4  
 Common Well Name: CLEVELAND #4  
 Event Name: CAP WORKOVER  
 Contractor Name: AZTEC WELL SERVICE  
 Rig Name: AZTEC

Spud Date: 6/15/1955  
 Start: 3/12/2002 End: 3/27/2002  
 Rig Release: 3/27/2002 Group:  
 Rig Number: 449

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
3/20/2002	07:00 - 07:45	0.75	NUND	a	OBJECT	ND BOP , NU FRAC VALVE & FRAC - Y .
	07:45 - 09:00	1.25	RURD	a	OBJECT	SPOT IN & RU FRAC EQUIP & LINE .
	09:00 - 09:30	0.50	PRES	a	OBJECT	PRESS TEST LINES TO 7000 PSI , TESTED GOOD , HOLD SAFETY MEETING ON FRACING UFTC , FRAC CREW , RIG CREW , FLOW BACK CREW , FRAC CONSULTANT , CONSULTANT WERE PRESENT .
	09:30 - 10:30	1.00	FRAC	a	OBJECT	PRE FRAC ISIP 320 PSI , BREAKDOWN PERFS W/ 2% KCL @ 2560 PSI @ .5 BPM , INJ RATE OF 1700 PSI @ 10 BPM , SPEARHEAD 500 GALS OF 15% HCL , WHILE PUMPING ACID PRESS WENT FROM 1500 PSI TO 5100 PSI , BROKE BACK RIGHT BEFORE ACID HIT PERFS , PUMP 3000 GAL 20# X - LINK GEL PRE PAD @ 13 - 15 BPM @ 1580 PSI , PUMPED 8000 GAL 70 QUALITY FOAM W/ 20 # LINEAR GEL PAD @ 45 BPM @ 2660 PSI , PUMPED APPROX 30,000# 20/40 ARIZONA SAND @ .25 TO 4 PPG SAND CONC @ 45 BPM @ 2600 PSI , 70 QUALITY 20# LINEAR FOAM , DISPLACED W/ 5 FLUID BBLS & 3100 SCF N2 , ISIP 1540 , 5 MIN 1456 , 10 MIN 1419 , 15 MIN 1387 PSI , TOTAL FLUID TO RECOVER 321 BBLS , TOTAL N2 179,100 SCF , AVG RATE 45 BPM , MAX 46 , MIN 44 AVG PSI 2600 , MAX 5100 , MIN 2570 .
	10:30 - 11:00	0.50	RURD	a	OBJECT	RD FRAC LINE , RU FLOWLINE & PRESS TEST W/ WELL PRESS , TESTED GOOD .
	11:00 - 13:30	2.50	SHDN	a	OBJECT	LEFT WELL SHUT IN TO LET GEL BREAK .
	13:30 - 14:00	0.50	FLOW	a	CLEAN	FLOW WELL BACK THRU CHOKE MANIFOLD ON 12/64" CHOKE UNTIL FLUID CAME BACK , @ 1450 PSI .
	14:00 - 19:00	5.00	FLOW	a	CLEAN	8/64" CHOKE , MAKING HEAVY MIST , NO SAND @ 850 PSI .
	19:00 - 21:00	2.00	FLOW	a	CLEAN	10/64" CHOKE , MAKING HEAVY MIST , MODERATE SAND @ 400 PSI .
	21:00 - 00:00	3.00	FLOW	a	CLEAN	12/64" CHOKE , MAKING HEAVY MIST , MODERATE SAND @ 250 PSI .
	00:00 - 03:00	3.00	FLOW	a	CLEAN	14/64" CHOKE , MAKING HEAVY MIST , LIGHT TO MODERATE SAND @ 200 PSI .
	03:00 - 06:00	3.00	FLOW	a	CLEAN	16/64" CHOKE , MAKING HEAVY MIST , LIGHT TO MODERATE SAND @ 100 PSI .
3/21/2002	06:00 - 07:00	1.00	SAFE	a	OBJECT	TRAV TO LOC , START RIG , HOLD SAFETY MEETING ON ND FRAC VALVE , NU BOP , RIG CREW , AIR HAND , CONSULTANT WERE PRESENT .
	07:00 - 09:00	2.00	FLOW	a	CLEAN	FLOW FRAC BACK THRU CHOKE MANIFOLD ON 18/64" CHOKE MAKING MEDIUM MIST & FOAM , LIGHT TO MODERATE SAND @ 50 PSI .
	09:00 - 13:30	4.50	FLOW	a	CLEAN	OPEN WELL UP ON 2" LINE , FLOWED FOR 15 MIN & DIED , WELL CAME BACK MAKING 1" STREAM OF WATER & 1/2 GALLON OF SAND , PUT WELL BACK ON 32/64" CHOKE MAKING LIGHT MIST , HEAVY SAND @ 5 PSI .
	13:30 - 14:30	1.00	FLOW	a	CLEAN	OPEN WELL UP ON 2" LINE , MAKING 1" STREAM OF WATER & 3 CUPS OF SAND , CLEANED UP TO 1/2" STREAM OF WATER & 2 TABLE SPOONS .
	14:30 - 15:30	1.00	NUND	a	OBJECT	KILL WELL W/ 5 BBLS OF 2% KCL , ND FRAC VALVE , NU BOP , RU RIG FLOOR & TONGS .
	15:30 - 16:15	0.75	TRIP	a	OBJECT	TIH W/ 2 3/4" JUNK MILL TO 1900' , TOP PERF @ 1928' .
3/22/2002	16:15 - 06:00	13.75	BLOW	a	CLEAN	BLOW W/ AIR MIST , MAKING 8 BPH OF H2O & 1/2 GALLON OF SAND , CLEANED UP TO 4 BPH OF H2O & 2 CUPS OF SAND .
	06:00 - 07:00	1.00	SAFE	a	OBJECT	TRAV TO LOC , START RIG , HOLD SAFETY MEETING ON MO CBP , RIG CREW AIR HAND , TOOLPUSHER WERE PRESENT .

## Operations Summary Report

Legal Well Name: CLEVELAND #4  
 Common Well Name: CLEVELAND #4  
 Event Name: CAP WORKOVER  
 Contractor Name: AZTEC WELL SERVICE  
 Rig Name: AZTEC

Spud Date: 6/15/1955  
 Start: 3/12/2002 End: 3/27/2002  
 Rig Release: 3/27/2002 Group:  
 Rig Number: 449

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
3/22/2002	07:00 - 12:30	5.50	COUT	a	CLEAN	SHORT TIH , TAG UP @ 1960', CBP @ 2008', HAD 48' OF FILL , CO TO TOP OF CBP W/ AIR MIST .
	12:30 - 18:00	5.50	BLOW	a	CLEAN	BLOW W/ AIR MIST , MAKING 6 BPH OF H2O & SURGING FROM 2 CUPS TO 1/2 GALLON OF SAND .
	18:00 - 18:30	0.50	SRIG	a	CLEAN	PULL MILL UP TO 1960', DRAIN UP EQUIP , PU TOOLS & LOC , FUEL UP RIG , TURN WELL OVER TO FLOWBACK HANDS .
	18:30 - 06:00	11.50	BLOW	a	CLEAN	BLOW W/ AIR MIST , MAKING 6 BPH OF H2O & SURGING SAND FROM 2 CUPS TO 1/2 GALLON , CLEANED UP TO 1 BPH OF H2O & TRACE OF SAND ,
3/23/2002	06:00 - 07:00	1.00	SAFE	a	OBJECT	TRAV TO LOC , START RIG , HOLD SAFETY MEETING ON MO CBP , RIG CREW AIR HAND , CONSULTANT WERE PRESENT .
	07:00 - 07:15	0.25	TRIP	a	OBJECT	SHORT TIH , TAG UP @ 2008', CBP @ 2008' HAD NO FILL , PU SWIVEL .
	07:15 - 07:45	0.50	MILL	a	CLEAN	EST 14 BPH MIST RATE , MILL OUT CBP @ 2008'.
	07:45 - 12:00	4.25	COUT	a	CLEAN	CO TO TOP OF CBP @ 2080' W/ AIR MIST , MAKING 8 BPH OF H2O & 1/2 GALLON OF SAND .
	12:00 - 18:00	6.00	BLOW	a	CLEAN	BLOW W/ AIR MIST , MAKING 8 BPH OF H2O & 4 CUPS OF SAND , CLEANED UP TO 6 BPH OF H2O & 3 CUPS OF SAND .
	18:00 - 18:30	0.50	SRIG	a	OBJECT	PULL MILL UP TO 2050', DRAIN UP EQUIP , PU TOOLS & LOC , FUEL UP RIG , TURN WELL OVER TO FLOWBACK HANDS .
	18:30 - 06:00	11.50	BLOW	a	CLEAN	BLOW W/ AIR MIST , MAKING 6 BPH OF H2O & 3 CUPS OF SAND , CLEANED UP TO 5 BPH OF H2O & 1 CUP OF SAND .
3/24/2002	06:00 - 08:00	2.00	FLOW	a	CLEAN	FLOW WELL NATURAL .
	08:00 - 10:00	2.00	BLOW	a	CLEAN	BLOW W/ AIR MIST , UNLOADED 9 TO 10 BBLS OF H2O , MAKING 5 BPH OF H2O & 1 CUP OF SAND .
	10:00 - 12:00	2.00	FLOW	a	CLEAN	FLOW WELL NATURAL .
	12:00 - 14:00	2.00	BLOW	a	CLEAN	BLOW W/ AIR MIST , UNLOADED 8 TO 9 BBLS OF H2O , MAKING 5 BPH OF H2O & 1 CUP OF SAND .
	14:00 - 16:00	2.00	FLOW	a	CLEAN	FLOW WELL NATURAL .
	16:00 - 18:00	2.00	BLOW	a	CLEAN	BLOW W/ AIR MIST , UNLOADED 8 TO 9 BBLS OF H2O , MAKING 5 BPH OF H2O & 3/4 CUP OF SAND .
	18:00 - 20:00	2.00	FLOW	a	CLEAN	FLOW WELL NATURAL .
	20:00 - 21:00	1.00	BLOW	a	CLEAN	BLOW W/ AIR MIST , UNLOADED 8 TO 9 BBLS OF H2O , MAKING 4 BPH OF H2O & 3/4 CUP OF SAND .
	21:00 - 23:00	2.00	FLOW	a	CLEAN	FLOW WELL NATURAL .
	23:00 - 00:00	1.00	BLOW	a	CLEAN	BLOW W/ AIR MIST , UNLOADED 8 TO 9 BBLS OF H2O , 4 BPH OF H2O & 3/4 CUP OF SAND .
3/25/2002	00:00 - 03:00	3.00	FLOW	a	CLEAN	FLOW WELL NATURAL .
	03:00 - 04:00	1.00	BLOW	a	CLEAN	BLOW W/ AIR MIST , UNLOADED 8 TO 9 BBLS OF H2O , MAKING 4 BPH OF H2O & 1/2 CUP OF SAND .
	04:00 - 06:00	2.00	FLOW	a	CLEAN	FLOW WELL NATURAL .
	06:00 - 07:00	1.00	FLOW	a	CLEAN	FLOW WELL NATURAL .
	07:00 - 08:00	1.00	BLOW	a	CLEAN	BLOW W/ AIR MIST , UNLOADED 6 BBLS OF H2O , MAKING 3 BPH OF H2O & 1/2 CUP OF SAND .
	08:00 - 11:00	3.00	FLOW	a	CLEAN	FLOW WELL NATURAL .
	11:00 - 12:00	1.00	BLOW	a	CLEAN	BLOW W/ AIR MIST , UNLOADED 6 BBLS OF H2O , MAKING 3 BPH OF H2O & 2 TABLE SPOONS OF SAND .
	12:00 - 15:00	3.00	FLOW	a	CLEAN	FLOW WELL NATURAL .
	15:00 - 16:00	1.00	BLOW	a	CLEAN	BLOW W/ AIR MIST , UNLOADED 6 BBLS OF H2O , MAKING 3 BPH OF H2O & TABLE SPOON OF SAND .
	16:00 - 19:00	3.00	FLOW	a	CLEAN	FLOW WELL NATURAL .
	19:00 - 20:00	1.00	BLOW	a	CLEAN	BLOW W/ AIR MIST , UNLOADED 4 BBLS OF H2O , MAKING 2 BPH OF H2O & TRACE OF SAND .

## Operations Summary Report

Legal Well Name: CLEVELAND #4  
 Common Well Name: CLEVELAND #4  
 Event Name: CAP WORKOVER  
 Contractor Name: AZTEC WELL SERVICE  
 Rig Name: AZTEC

Spud Date: 6/15/1955  
 Start: 3/12/2002 End: 3/27/2002  
 Rig Release: 3/27/2002 Group:  
 Rig Number: 449

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
3/25/2002	20:00 - 23:00	3.00	FLOW	a	CLEAN	FLOW WELL NATURAL .
	23:00 - 00:00	1.00	BLOW	a	CLEAN	BLOW W/ AIR MIST , UNLOADED 4 BBLS OF H2O , MAKING 2 BPH OF H2O & TRACE OF SAND .
	00:00 - 03:00	3.00	FLOW	a	CLEAN	FLOW WELL NATURAL .
	03:00 - 04:00	1.00	BLOW	a	CLEAN	BLOW W/ AIR MIST , UNLOADED 3 BBLS OF H2O , MAKING 2 BPH OF H2O & TRACE OF SAND .
3/26/2002	04:00 - 06:00	2.00	FLOW	a	CLEAN	FLOW WELL NATURAL .
	06:00 - 07:00	1.00	SAFE	a	OBJECT	TRAV TO LOC , START RIG , HOLD SAFETY MEETING ON MILLING OUT CBP , RIG CREW , AIR HAND , CONSULTANT WERE PRESENT
	07:00 - 07:15	0.25	TRIP	a	OBJECT	SHORT TIH , TAG UP @ 2078' , CBP @ 2080' , HAD 2' OF FILL .
	07:15 - 13:30	6.25	BLOW	a	CLEAN	CO TO TOP OF CBP W/ AIR MIST , MAKING 3 BPH OF H2O & 3 CUPS OF SAND , CLEANED UP TO 1 BPH OF H2O & TRACE OF SAND . HAVE A CHOKE RU ON AIR PKG BYPASS LINE , HANDS HAD CHOKE OPENED UP TO FAR , WASN'T BRING ALL RETURNS BACK .
	13:30 - 15:00	1.50	TEST	a	OBJECT	TRY TO TAKE PITOT ON 2" LINE , TSTM .
	15:00 - 15:15	0.25	MILL	a	CLEAN	EST 14 BPH MIST RATE , MO CBP @ 2080'.
	15:15 - 18:00	2.75	COUT	a	CLEAN	CHASE JUNK & WASH SAND TO 2264' PBTD W/ AIR MIST , MAKING 5 BPH OF H2O & 3 CUPS OF SAND .
	18:00 - 18:30	0.50	TRIP	a	CLEAN	PU MILL UP TO 2187' , DRAIN UP EQUIP , PU TOOLS & LOC , FUEL UP RIG , TURN WELL OVER TO FLOWBACK HANDS .
	18:30 - 01:00	6.50	BLOW	a	CLEAN	BLOW W/ AIR MIST , MAKING 5 BPH OF H2O & 3 CUPS OF SAND , CLEANED UP TO 2 BPH OF H2O & TABLE SPOON OF SAND .
	01:00 - 05:00	4.00	FLOW	a	CLEAN	FLOW WELL NATURAL , HAD A 10' FLAME
	05:00 - 06:00	1.00	BLOW	a	CLEAN	BLOW W/ AIR MIST , UNLOADED 3 BBLS OF H2O , MAKING 1 BPH OF H2O & TABLE SPOON OF SAND .
	06:00 - 07:00	1.00	SAFE	a	OBJECT	TRAV TO LOC , START RIG , HOLD SAFETY MEETING ON LAYING DOWN & PU TBG , RIG CREW , AIR HAND , CONSULTANT WERE PRESENT .
3/27/2002	07:00 - 07:15	0.25	TRIP	a	OBJECT	SHORT TIH , TAG UP @ 2219' , PBTD @ 2264' , HAD 45' OF FILL .
	07:15 - 11:30	4.25	COUT	a	CLEAN	CO TO PBTD W/ AIR MIST , MAKING 5 BPH OF H2O & 4 CUPS OF SAND , CLEANED UP TO 3 BPH OF H2O & 1 CUP OF SAND .
	11:30 - 13:30	2.00	TRIP	a	OBJECT	POOH W/ 1 1/4" HOMCO SLIMLINE TBG , LAY DOWN MILL .
	13:30 - 14:30	1.00	TRIP	a	OBJECT	RIH W/ EXC , 1 JT OF 1 1/2" J-55 EUE TBG , 1.5" SEATING NIPPLE TO 2244' , PBTD @ 2264' , HAD 20' OF FILL .
	14:30 - 18:00	3.50	BLOW	a	CLEAN	CO TO PBTD W/ AIR MIST , MAKING 3 BPH OF H2O & 3 CUPS OF SAND , CLEANED UP TO 2 BPH OF H2O & 1/2 CUP OF SAND .
	18:00 - 18:30	0.50	SRIG	a	OBJECT	PULL UP TO 2187' , BOTTOM PERF @ 2187' , DRAIN UP EQUIP , PU TOOLS & LOC FUEL UP RIG , TURN WELL OVER TO FLOWBACK HANDS .
	18:30 - 20:30	2.00	BLOW	a	CLEAN	BLOW W/ AIR MIST , MAKING 2 BPH OF H2O & 1/2 CUP OF SAND .
	20:30 - 02:00	5.50	FLOW	a	CLEAN	FLOW WELL NATURAL , MAKING 2 BPH OF H2O & 1/2 CUP OF SAND .
	02:00 - 04:00	2.00	BLOW	a	CLEAN	BLOW W/ AIR MIST , MAKING 4 BPH OF H2O & 1 1/2 CUPS OF SAND , CLEANED UP TO 2 BPH OF H2O & 1/8 CUP OF SAND .
	04:00 - 06:00	2.00	FLOW	a	CLEAN	FLOW WELL NATURAL , MAKING 2 BPH OF H2O & 1/2 CUP OF SAND , CLEANED UP TO 1 BPH OF H2O & 1/8 CUP OF SAND .
	06:00 - 07:00	1.00	SAFE	a	OBJECT	TRAV TO LOC , START RIG , HOLD SAFETY MEETING ON RD RIG & EQUIP , RIG CREW , AIR HANDS , CONSULTANT WERE PRESENT .
	07:00 - 07:15	0.25	TRIP	a	OBJECT	SHORT TIH , TAG UP @ 2260' , PBTD @ 2264' , HAD 4' OF FILL .
3/28/2002	07:15 - 10:00	2.75	BLOW	a	CLEAN	CO TO PBTD W/ AIR MIST , MAKING 1 BPH OF H2O & TRACE OF SAND .

## Operations Summary Report

Legal Well Name: CLEVELAND #4  
 Common Well Name: CLEVELAND #4  
 Event Name: CAP WORKOVER  
 Contractor Name: AZTEC WELL SERVICE  
 Rig Name: AZTEC

Spud Date: 6/15/1955  
 Start: 3/12/2002  
 End: 3/27/2002  
 Rig Release: 3/27/2002  
 Group:  
 Rig Number: 449

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
3/28/2002	10:00 - 10:30	0.50	BRCH	a	OBJECT	BROACH TBG TO SEAT NIPPLE .
	10:30 - 11:00	0.50	NUND	a	OBJECT	LAND TBG @ 2186.39' W/ 67 JTS OF 1.900" J-55 , 2.90# , EUE , 10 RD TBG , W/ 1.50" ID SEAT NIPPLE SET @ 2156' , W/ KB INCLUDED , ND BOP , NU TREE .
	11:00 - 12:00	1.00	TEST	a	OBJECT	TRY TO TAKE PITOT READING , TSTM . DID NOT PUMP OFF EXC , TOOK GUTS OUT OF EXC DUE TO HIGH CIRCULATING PRESS ON AIR PKG .
	11:00 - 12:00	1.00	RURD	a	RDMO	RD RIG & EQUIP , MOL TO ANGEL PEAK # 501 . SUMMARY , MOL , RU RIG & EQUIP , RU WL , RIG SET CBP , PRESS TEST CSG , PERF CSG , FOAM FRAC , LOWER FTC , FLOW FRAC BACK , RIH & SET CBP , PERF UPPER FTC , FOAM FRAC FTC , FLOW FRAC BACK , RIH W/ MILL , CO UPPER FTC MO CBP , CO LOWER FTC , MO CBP , CO TO PBTD , POOH , RIH W/ 1 1/2" TBG , CO TO PBTD , BROACH TBG , LAND TBG , ND BOP , NU TREE , RD RIG & EQUIP . NOTE SENT 4 JTS OF 1 1/2" TBG TO MOI YARD ON M&R TRUCKING
	12:00 - 13:00	1.00	WAIT	a	RDMO	WAIT ON RU TRUCK TO MOVE AIR PKG , SO RIG COULD GET OFF OF RIG RAMP .