

New Mexico
Energy Minerals and Natural Resources Department

Form C-140
Revised 06/99

District I - (505) 393-6161
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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

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DISTRICT OFFICE**

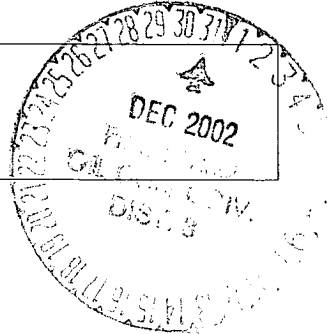
**APPLICATION FOR
WELL WORKOVER PROJECT**

I. Operator and Well

Operator name address Burlington Resources Oil and Gas Co. LPPO Box 4289, Farmington, NM 87499					OGRID Number 014538		
Contact Party Peggy Cole					Phone 505/326-9700		
Property Name CONGRESS				Well Number 5E		API Number 3004524836	
UL P	Section 34	Township 29 N	Range 11 W	Feet From The 1120 FSL	Feet From The 825 FEL	County SAN JUAN	

II. Workover

Date Workover Commenced 3/5/2002	Previous Producing Pool(s) (Prior to Workover): OTERO CHACRA (GAS) BASIN DAKOTA
Date Workover Completed: 3/12/2002	



- 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 New Mexico)
County of San Juan) ss.
Peggy Cole, 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 Peggy Cole Title Regulatory Administrator Date 12-27-02
SUBSCRIBED AND SWORN TO before me this 27 day of December, 2002.

My Commission expires: September 15, 2004

Notary Public
Tamatha Wimsatt

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 03-12, 2002.

Signature District Supervisor <u>Charles Therrn</u>	OCD District <u>AZTEC III</u>	Date <u>01-08-2003</u>
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VII. DATE OF NOTIFICATION TO THE SECRETARY OF THE TAXATION AND REVENUE DEPARTMENT:

REG_DTL_D	OTERO CHACRA (GAS)	BASIN DAKOTA	BASIN FRUITLAND COAL (GAS)
1/1/2000	0	143	
2/1/2000	0	114	
3/1/2000	0	116	
4/1/2000	0	96	
5/1/2000	0	111	
6/1/2000	0	94	
7/1/2000	0	137	
8/1/2000	0	106	
9/1/2000	0	70	
10/1/2000	0	69	
11/1/2000	0	101	
12/1/2000	0	133	
1/1/2001	0	91	
2/1/2001	0	67	
3/1/2001	0	62	
4/1/2001	0	58	
5/1/2001	68	69	
6/1/2001	0	77	
7/1/2001	0	40	
8/1/2001	101	68	
9/1/2001	0	84	
10/1/2001	0	101	
11/1/2001	0	97	
12/1/2001	0	73	
1/1/2002	0	74	
2/1/2002	0	22	
3/1/2002	0	0	2368
4/1/2002			5664
5/1/2002			5723
6/1/2002			3875

Operations Summary Report

Legal Well Name: CONGRESS #5E
 Common Well Name: CONGRESS #5E
 Event Name: CAP WORKOVER
 Contractor Name: AZTEC WELL SERVICE
 Rig Name: AZTEC

Spud Date: 3/12/2002
 Start: 3/5/2002
 End: 3/12/2002
 Rig Release: 3/12/2002
 Group:
 Rig Number: 449

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
3/6/2002	06:00 - 07:00	1.00	SAFE	a	OBJECT	TRAV TO LOC , START RIG , HOLD SAFETY MEETING ON RU RIG & EQUIP , RIG CREW , AIR HANDS , RU DRIVERS & PUSHER WERE PRESENT .
	07:00 - 09:00	2.00	MIMO	a	MIRU	ROAD RIG FROM WALKER KOCH # 4 TO CONGRESS # 5E .
	09:00 - 10:00	1.00	RURD	a	MIRU	SPOT IN RIG RAMP & STAND UP RIG .
	10:00 - 12:00	2.00	RURD	a	MIRU	SPOT IN & RU REST OF EQUIP , LAY FLOWLINES .
	12:00 - 13:30	1.50	NUND	a	MIRU	FLOW TBG & CSG DOWN , KILL TBG W/ 10 BBLs OF 2% KCL , ND TREE , BOLTS ON TREE WERE BADLY RUSTED .
	13:30 - 14:00	0.50	NUND	a	MIRU	NU BOP , RU RIG FLOOR .
	14:00 - 16:00	2.00	STUK	a	OBJECT	PULL DONUT , TRY TO WORK PKR FREE , PKR WOULD NOT MOVE , WORK TBG TILL WL TRUCK SHOWED UP .
	16:00 - 18:30	2.50	FISH	a	OBJECT	RU WIRELINE , RIH W/ FREEPOINT , FREEPOINT TBG FROM 5900' TO 6114' , TOP OF PKR @ 6118' , HAD 100% MOVEMENT @ 6114' , POOH , RIH W/ PREP SHOT , POOH , RIH W/ CHEMICAL CUTTER CUT TBG @ 6112' , LEFT 6' STICK UP , ALL DEPTHS WIRELINE MEASUREMENTS , POOH RD WIRELINE .
3/7/2002	18:30 - 19:00	0.50	SHDN	a	OBJECT	SHUT & LOCK PIPE RAMS , MAKE UP & SHUT TIW VALVE , DRAIN UP EQUIP , 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 JARRING ON FISH , RIG CREW , AIR HAND , FISHING HAND , CONSULTANT WERE PRESENT .
	07:00 - 08:30	1.50	TRIP	a	OBJECT	TOOH W/ TBG & 25' CUTOFF JT , TALLY OUT OF HOLE .
	08:30 - 09:00	0.50	PULD	a	OBJECT	PU CUT LIP GUIDE , EXTENSION , OVERSHOT DRESSED W/ 2 3/8" GRAPPLE , 6 - 3 1/8" DRILL COLLARS .
	09:00 - 10:00	1.00	TRIP	a	OBJECT	TIH W/ OVERSHOT , TAG TIGHT SPOT IN CSG @ 3050' , TRY TO WORK THRU TIGHT SPOT .
	10:00 - 11:00	1.00	WAIT	a	OBJECT	WAIT ON ACID TRUCK .
	11:00 - 11:30	0.50	SPOT	a	OBJECT	RU PUMPLINE , PUMP 750 GALS OF 15% HCL W/ DOUBLE INHIBITOR DOWN TBG .
	11:30 - 12:00	0.50	TRIP	a	OBJECT	TOOH W/ OVERSHOT , CUTLIP GUIDE WAS ROLLED IN ON ONE SIDE OF GUIDE .
	12:00 - 12:30	0.50	PULD	a	OBJECT	LAY DOWN CUTLIP GUIDE , PU 3 7/8" ROTARY SHOE , BUSHING , OVERSHOT BOWL , 2 3/8" GRAPPLE , 4' UPPER EXTENSION , JARRING ASSEMBLY .
	12:30 - 13:00	0.50	TRIP	a	OBJECT	TIH W/ SHOE , TAG TIGHT SPOT @ 3050' , FELL THRU TO 3052' .
	13:00 - 13:30	0.50	RURD	a	OBJECT	PU SWIVEL , EST 14 BPH MIST RATE .
	13:30 - 15:30	2.00	MILL	a	OBJECT	MILL THRU TIGHT SPOT FROM 3052' TO 3057' , FELL THRU , RAN 1 MORE JT W/ SWIVEL , HANG SWIVEL BACK .
	15:30 - 16:00	0.50	TRIP	a	OBJECT	TIH , TAG UP @ 4374' , PU SWIVEL , EST 14 BPH MIST RATE .
	16:00 - 17:00	1.00	MILL	a	OBJECT	MILL THRU TIGHT SPOT FROM 4374' TO 4384' , HANG SWIVEL BACK , RETURNS WERE LIGHT SAND & SCALE .
	17:00 - 17:15	0.25	TRIP	a	OBJECT	FINISH TIH , TAG TOP OF FISH @ 6112' .
	17:15 - 18:00	0.75	FISH	a	OBJECT	PU SWIVEL , UNLOAD ACID , EST 14 BPH MIST RATE , CIRC FILL OFF OF TOP OF PKR , LATCH PKR , JAR PKR FREE @ 20,000 OVER STRING WT , CIRC HOLE CLEAN .
3/8/2002	18:00 - 19:00	1.00	PULD	a	OBJECT	PULL 2 STANDS , CHANGE OUT STRIPPING RUBBER , DRAIN UP EQUIP , PU TOOLS & EQUIP , FUEL UP RIG , TURN WELL OVER TO FLOWBACK HANDS .
	19:00 - 06:00	11.00	BLOW	a	OBJECT	BLOW W/ AIR MIST , SINCE DIDN'T GET PKR PULLED ABOVE PERFS .
3/8/2002	06:00 - 07:00	1.00	SAFE	a	OBJECT	TRAV TO LOC , START RIG , HOLD SAFETY MEETING ON LAYING DOWN FISHING TOOLS , RIG CREW , AIR HAND , FISHING HAND , CONSULTANT WERE PRESENT .

Operations Summary Report

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 Common Well Name: CONGRESS #5E
 Event Name: CAP WORKOVER
 Contractor Name: AZTEC WELL SERVICE
 Rig Name: AZTEC

Spud Date: 3/12/2002
 Start: 3/5/2002
 End: 3/12/2002
 Rig Release: 3/12/2002
 Group:
 Rig Number: 449

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
3/8/2002	07:00 - 08:30	1.50	TRIP	a	OBJECT	TOOH W/ PKR & FISHING TOOLS .
	08:30 - 09:00	0.50	PULD	a	OBJECT	LAY DOWN PKR & FISHING TOOLS .
	09:00 - 10:30	1.50	TRIP	a	OBJECT	PU 4 1/2" CEMENT RETAINER & TIH TO 6120' & SET .
	10:30 - 11:00	0.50	RURD	a	OBJECT	SPOT IN PUMP TRUCK & BULK TRUCK , RU PUMPLINE .
	11:00 - 12:00	1.00	PRES	a	OBJECT	HOLD SAFETY MEETING ON SQUEEZING PERFS , RIG CREW , CEMENTERS , PKR HAND , CONSULTANT WERE PRESENT , PRESS TEST LINES TO 3500 PSI , TESTED GOOD , TEST TBG TO 2500 PSI , TESTED GOOD ,
	12:00 - 12:30	0.50	CEMT	a	OBJECT	EST INJ RATE OF 2.9 BPM @ 980 PSI , SQUEEZE DK PERFS W/ 35 SKS OF CLASS "G" CEMENT , PUMP CEMENT @ 2.3 BPM @ 302 PSI , PUMP DISPLACEMENT @ 2.3 BPM @ 600 PSI , STING OUT OF RETAINER & SPOT 5 SKS CEMENT ON TOP OF RETAINER , RD PUMPLINE .
	12:30 - 12:45	0.25	TRIP	a	OBJECT	POOH TO 5390' , LAID DOWN 24 JTS .
	12:45 - 13:00	0.25	CEMT	a	OBJECT	SPOT 12 SKS OF CLASS "G" CEMENT FROM 5440' TO 5340' . RD PUMPLINE .
	13:00 - 13:30	0.50	TRIP	a	OBJECT	POOH TO 3378' , LAID DOWN A TOTAL OF 65 JTS .
	13:30 - 14:00	0.50	CEMT	a	OBJECT	RU PUMPLINE , PUMP 30 BBL H2O SPACER TO FILL CSG , SPOT 12 SKS OF CLASS "G" CEMENT FROM 3428' TO 3328' . RD PUMPLINE .
	14:00 - 14:30	0.50	TRIP	a	OBJECT	TOOH W/ 44 STANDS , LAY REST OF TBG DOWN & SETTING TOOL
	14:30 - 15:00	0.50	TRIP	a	OBJECT	PU 4 1/2" CEMENT RETAINER , TIH TO 2700' & SET , RU PUMPLINE .
	15:00 - 15:45	0.75	CEMT	a	OBJECT	PUMP TBG CAP , EST INJ RATE OF 3 BPM @ 489 PSI , SQUEEZE CHACRA PERFS W/ 35 SKS OF CLASS "G" CEMENT @ 2.3 BPM @ 110 PSI , PUMP DISPLACEMENT @ 2.5 BPM @ 30 PSI , STING OUT OF RETAINER , SPOT 5 SKS OF CLASS "G" CEMENT ON TOP OF RETAINER .
	15:45 - 16:15	0.50	CIRC	a	OBJECT	LOAD HOLE W/ RIG PUMP & CIRCULATE HOLE CLEAN .
	16:15 - 17:00	0.75	TRIP	a	OBJECT	LAY DOWN 30 JTS , TOOH W/ REST OF TBG & SETTING TOOL . LAID DOWN A TOTAL OF 141 JTS .
	17:00 - 18:30	1.50	CASE	a	OBJECT	RU WIRELINE , RIH W/ 4 1/2" CIBP & SET @ 1820' , HAD A COLLAR @ 1800' , POOH , RIH W/ CBL , LOG FROM 1800' TO SURFACE , TOP OF CEMENT @ 750' , POOH
	18:30 - 19:00	0.50	SHDN	a	OBJECT	SHUT & LOCK BLINDS , PRESS TEST CSG & CIBP TO 500 PSI , TESTED GOOD , DRAIN UP EQUIP , PU TOOLS & LOC , FUEL UP RIG , SDFD . HOT SHOT LOGS TO OFFICE SO PERFS CAN BE PICKED .
3/9/2002	06:00 - 07:00	1.00	SAFE	a	OBJECT	TRAV TO LOC , START RIG , HOLD SAFETY MEETING ON PERF GUNS , RIG CREW , WIRELINE HANDS , CONSULTANT WERE PRESENT .
	07:00 - 09:30	2.50	PERF	a	OBJECT	RIH W/ 3 1/8" HSC CSG GUN LOADED W/ HSC 3125 - 306T 12 GM CHARGES , PERF FRUITLAND COAL FROM 1567' TO 69' , 1614' TO 1616' , 1656' TO 1657' , 1663' TO 1665' , 1730' TO 1736' , W/ 4 SPF , 90 DEG PHASING , FOR A TOTAL OF 52 HOLES , POOH , RD WIRELINE , HAD 1 MISRUN .
	09:30 - 11:00	1.50	TRIP	a	OBJECT	PU 4 1/2" MODEL "M" PKR , PU 2 7/8" BUTTRESS FRAC STRING TO 1390' .
	11:00 - 14:00	3.00	RURD	a	OBJECT	MAKE UP X - OVER , STAINLESS SLEEVE , FLANGED BOWL , SET PKR @ 1390' , NU BOWL TO TOP OF BOP , LOADED BACKSIDE W/ 2% KCL , WTR UTUBED , PKR WAS LEAKING , ND BOWL & FRAC ASSEMBLY , UNSET PKR , PU 1 JT , SET PKR @ 1420' , MAKE UP FRAC ASSEMBLY NU BOWL , LOAD HOLE & PUT 500 PSI ON ANNULUS , NU FRAC VALVE .

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 Contractor Name: AZTEC WELL SERVICE
 Rig Name: AZTEC

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 Start: 3/5/2002 End: 3/12/2002
 Rig Release: 3/12/2002 Group:
 Rig Number: 449

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
3/9/2002	14:00 - 15:00	1.00	SAFE	a	OBJECT	RU FRAC LINE , HOLD SAFETY MEETING ON FRACING FTC , FRAC CREW , PKR HAND , RIG CREW , FRAC CONSULTANT , ENGINEER , CONSULTANT WERE PRESENT , PRESS TEST LINES TO 8500 PSI
	15:00 - 16:00	1.00	FRAC	a	OBJECT	BREAK DOWN @ 1020 PSI @ 5 BPM , EST INJ RATE OF 14 BPM @ 1369 PSI , PUMP 500 GALS OF 15% HCL , PUMP 16,500 GAL 30# CROSS LINK 70% FOAM QUALITY PAD FOAM FRAC FTC W/ 30# LINEAR GEL & 60,000 # 20/40 BRADY SAND & FLUSHED W/ 5 FLUID BBLS , TOTAL FRAC LOAD 378 BBLS , TOTAL N2 387,300 SCF , MAX RATE 60 BPM , MIN RATE 45 , AVG RATE 53 , MAX PSI 4780 , MIN 1373 , AVG PSI 4701 , ISIP 1355 , 5 MIN 938 , 10 MIN 911 , 15 MIN 893
	16:00 - 18:00	2.00	RURD	a	OBJECT	RD FRAC LINE , RU FLOWLINE & PRESS TEST LINE W/ WELL PRESS , TESTED GOOD , LEFT WELL SHUT IN FOR 2 HR TO LET GEL BREAK .
	18:00 - 20:15	2.25	FLOW	a	CLEAN	FLOW FRAC BACK THRU CHOKE MANIFOLD ON 16/64" CHOKE , OPEN LINE UP HAD 400 PSI ON LINE , BLED DOWN TO 50 PSI .
	20:15 - 20:30	0.25	FLOW	a	CLEAN	OPEN WELL UP ON 2" LINE , WELL UNLOADED 5 BBLS OF H2O & DIED .
	20:30 - 22:30	2.00	SHDN	a	OBJECT	SHUT FRAC VALVE IN TO LET WELL PRESS UP , WELL PRESS UP TO 150 PSI .
	22:30 - 06:00	7.50	FLOW	a	CLEAN	OPEN WELL BACK UP THRU CHOKE MANIFOLD ON 16/64" CHOKE , MAKING LIGHT TO NO MIST , NO SAND @ 75 PSI .
3/10/2002	06:00 - 09:00	3.00	FLOW	a	CLEAN	FLOW FRAC BACK THRU CHOKE MANIFOLD ON 12/64" CHOKE , MAKING LIGHT TO NO MIST , NO SAND UNTIL WELL DIED
	09:00 - 13:30	4.50	SHDN	a	CLEAN	SHUT FRAC VALVE IN TO TRY TO GET WELL TO PRESS UP , WELL DID NOT PRESS UP , SDFD .
3/12/2002	06:00 - 07:00	1.00	SAFE	a	OBJECT	TRAV TO LOC , START RIG , HOLD SAFETY MEETING ON ND FRAC ASSEMBLY RIG CREW , PKR HAND , CONSULTANT WERE PRESENT .
	07:00 - 08:30	1.50	TRIP	a	OBJECT	TBG HAD 50 PSI , BLEED TBG DOWN & KILL W/ 4 BBLS OF 2% KCL , ND FRAC ASSEMBLY , UNSET PKR & POOH LAYING DOWN FRAC STRING .
	08:30 - 09:00	0.50	PULD	a	OBJECT	LAY DOWN MODEL "M" PKR , PU 3 7/8" JUNK MILL .
	09:00 - 09:30	0.50	TRIP	a	OBJECT	TIH W/ MILL , 4 - 3 1/8" DRILL COLLARS , TAG UP @ 1790' , CIBP @ 1800' , HAD 10' OF FILL .
	09:30 - 14:00	4.50	BLOW	a	CLEAN	CO TO TOP OF CIBP W/ AIR MIST , MAKING 5 BPH OF H2O & 1/8 CUP OF SAND CLEANED UP TO 1 BPH OF H2O & TRACE OF SAND .
	14:00 - 15:00	1.00	MILL	a	CLEAN	MO CIBP @ 1800' .
	15:00 - 18:00	3.00	BLOW	a	CLEAN	SHORT TIH TO 2000' , BLOW W/ 1 TO 1 AIR W/ MIST , MAKING 1 BPH OF H2O & TRACE OF SAND .
	18:00 - 21:00	3.00	FLOW	a	CLEAN	FLOW WELL NATURAL , HAD A 2 TO 3' FLAME .
	21:00 - 00:00	3.00	BLOW	a	CLEAN	BLOW W/ 1 TO 1 AIR & MIST , MAKING .5 BPH OF H2O & NO SAND .
	00:00 - 03:00	3.00	FLOW	a	CLEAN	FLOW WELL NATURAL , HAD A 2 TO 3' FLAME .
3/13/2002	03:00 - 06:00	3.00	BLOW	a	CLEAN	BLOW W/ 1 TO 1 & MIST , MAKING NO H2O & NO 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 HAND , CONSULTANT WERE PRESENT .
	07:00 - 07:15	0.25	TRIP	a	OBJECT	SHORT TIH TO 2600' .
	07:15 - 08:00	0.75	TRIP	a	OBJECT	TOOH W/ MILL , LAY DOWN COLLARS & MILL .
	08:00 - 08:15	0.25	TRIP	a	OBJECT	TIH W/ OLD EXC , 1 JT OF TBG , 1.78" ID SEAT NIPPLE , REST OF TBG TO 2600' .
	08:15 - 10:00	1.75	BLOW	a	CLEAN	BLOW W/ AIR MIST , MAKING .25 BPH OF H2O & NO SAND .
	10:00 - 10:15	0.25	TRIP	a	OBJECT	PULL UP TO 1774' .

Operations Summary Report

Legal Well Name: CONGRESS #5E
 Common Well Name: CONGRESS #5E
 Event Name: CAP WORKOVER
 Contractor Name: AZTEC WELL SERVICE
 Rig Name: AZTEC

Spud Date: 3/12/2002
 Start: 3/5/2002
 End: 3/12/2002
 Rig Release: 3/12/2002
 Group:
 Rig Number: 449

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
3/13/2002	10:15 - 10:30	0.25	BRCH	a	OBJECT	BROACH TBG TO SEAT NIPPLE .
	10:30 - 11:00	0.50	NUND	a	OBJECT	LAND TBG @ 1774.82' W/ 57 JTS OF 2.375" 4.7# , J-55 , EUE , 8 RD TBG , W/ 1.78" ID SEAT NIPPLE SET @ 1743.93' , W/ KB INCLUDED , ND BOP , NU TREE .
	11:00 - 12:00	1.00	RURD	a	RDMO	RD RIG & EQUIP , MOL TO CLEVELAND # 4 SUMMARY , MOL , RU RIG & EQUIP , ND TREE , NU BOP , TOO H W/ TBG , TIH W/ CR , SQ DK PERFS , TOO H , SPOTTING CEMENT PLUGS OVER GALLUP & MV PERFS , TOO H , TIH W/ CR , SQ CHACRA PERFS , TOO H , RU WL , RIH W/ CIBP , PERF FTC , TIH W/ PKR & FRAC STRING , FOAM FRAC FTC , FLOW FRAC BACK , TOO H W/ PKR & FRAC STRING , TIH W/ MILL , CO FTC , MO CIBP , CO TO 2600' , TOO H W/ MILL , TIH W/ EXC , BROACH TBG , LAND TBG , ND BOP , NU TREE , RD RIG & EQUIP , MOL TO CLEVELAND # 4 . NOTE SENT 141 JTS & CUTOFF JT TO MOI YARD ON M&R TRUCKING , ALSO SENT FRAC STRING , SLIP GRIP ELEV , COLLAR CLAMP , STABBING GUIDE TO HIGH TECH TOOL ON M&R TRUCKING .