

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. LPPO Box 4289, Farmington, NM 87499					OGRID Number 014538		
Contact Party Peggy Cole					Phone 505/326-9700		
Property Name ROCK ISLAND FEDERAL				Well Number 1		API Number 3004508473	
UL	Section	Township	Range	Feet From The	Feet From The	County	
M	09	29 N	10 W	1090 FSL	890 FWL	SAN JUAN	

II. Workover

Date Workover Commenced 2/12/2002	Previous Producing Pool(s) (Prior to Workover): BASIN DAKOTA
Date Workover Completed: 3/11/2002	

- 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 <u>New Mexico</u>)		) ss.
County of <u>San Juan</u>)		
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 <u>Peggy Cole</u>		Title <u>Regulatory Administrator</u> Date <u>2-11-03</u>
SUBSCRIBED AND SWORN TO before me this <u>11th</u> day of <u>February</u> 2003.		
My Commission expires: <u>September 15, 2004</u>		Notary Public <u>Nancy Olthmann</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 3-11-2002.

Signature District Supervisor <u>Charlie J. Lordin</u>	OCD District <u>AZTEC</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	BASIN DAKOTA	BLANCO MESAVERDE	OTERO CHACRA (GAS)
3/1/2001	2467		
4/1/2001	1855		
5/1/2001	2994		
6/1/2001	2597		
7/1/2001	2934		
8/1/2001	2860		
9/1/2001	2711		
10/1/2001	2745		
11/1/2001	2483		
12/1/2001	2250		
1/1/2002	2351		
2/1/2002	872		
3/1/2002	3488	2127	2893
4/1/2002	4387	2675	3638
5/1/2002	4108	2505	3406
6/1/2002	3617	2205	2999

Operations Summary Report

Legal Well Name: ROCK ISLAND FEDERAL #1

Common Well Name: ROCK ISLAND FEDERAL #1

Event Name: CAP WORKOVER

Contractor Name: AZTEC WELL SERVICE

Rig Name: AZTEC

Start: 2/12/2002

Rig Release: 3/11/2002

Rig Number: 521

Spud Date: 11/20/1964

End: 3/11/2002

Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
2/13/2002	15:00 - 16:30	1.50	MIMO	a	OBJECT	ROAD RIG TO LOCATION, SPOT RIG
	16:30 - 17:00	0.50	RURD	a	OBJECT	SPOT RIG, SDFN
2/14/2002	07:00 - 07:30	0.50	SAFE	a	PREWRK	HSM, TOPIC: SAFETY IS A 24 HR JOB, RIG CREW PRESENT, SICP 130 PSI, SITP 130, BRADENHEAD OPEN
	07:30 - 10:00	2.50	RURD	a	PREWRK	RU RIG & EQUIPMENT
	10:00 - 11:00	1.00	NUND	a	OBJECT	ND WH, NU BOP
	11:00 - 12:30	1.50	WIRE	a	OBJECT	RU COBRA, COULD NOT FISH PISTON, TBG PLUG SET @ 4000', RD COBRA
	12:30 - 15:45	3.25	TRIP	a	OBJECT	UNSEAT TBG HANGER, TBG PULLED HARD THE FIRST STD (SCALE), TOO H & TALLY 212 JTS TBG, SCALE ON TBG @ APPROX 3900', LAST HALF PULLED WET DUE TO CHECK TYPE BTM HOLE STOP
	15:45 - 16:30	0.75	WIRE	a	OBJECT	RU BWWC, RIH W CIBP TO 3840', HIT OBSTRUCTION, POOH W CIBP. RD BWWC, SECURE LOCATION, SCFN
2/15/2002	07:00 - 07:30	0.50	SAFE	a	PREWRK	HSM, TOPIC: PINCH POINTS WHILE TRIPPING PIPE, SIWHP 125 PSI, BRADENHEAD OPEN
	07:30 - 11:00	3.50	TRIP	a	OBJECT	PU & TIH W 3.875" JUNK MILL, 3.875" STRING MILL, BIT SUB, X-OVER SUB ON 200 JTS TBG, TOO H W MILL ASSY
	11:00 - 11:45	0.75	WIRE	a	OBJECT	RU BWWC, RIH & SET CIBP TO 6570', POOH W SETTING TOOL
	11:45 - 13:00	1.25	PUMP	a	OBJECT	LOAD CSG W 105 BBLS 2% KCL
	13:00 - 13:30	0.50	PRES	a	OBJECT	ATTEMPT TO PRESSURE TEST CSG & CIBP TO 1000 PSI, PUMP 1.25 BPH @ 1000 PSI, WOULD NOT HOLD PRESSURE
	13:30 - 15:00	1.50	CASE	a	OBJECT	RU & RIH W GR/CBL/CCL & LOG FROM 4800' TO 2200', MAINTAIN 1000 PSI ON WELL BY PUMPING 1 BPM @ 1000 PSI
	15:00 - 16:00	1.00	RURD	a	OBJECT	ND BOP, WELL FLOWING 2" STREAM WTR, NU BOP, SECURE LOCATION, SDFN
2/16/2002	07:00 - 07:30	0.50	SAFE	a	PREWRK	HSM, TOPIC: SLIPS, TRIPS & FALLS, ALWAYS WATCH YOUR STEP, KEEP WALKWAYS CLEAN, SIWHP 140 PSI, BRADENHEAD OPEN
	07:30 - 13:30	6.00	TRIP	a	OBJECT	PU & TIH W WEATHERFORD 4 1/2" A-32 TENSION PACKER, BY-PASS VALVE, ON 128 JTS 2.375" TBG SET PACKER @ 4055', WOULD NOT TEST BELOW PACKER, PRESSURE UP TO 1200 PSI ABOVE PACKER, PRESSURE DROPPED TO 850 PSI IN 5 MINS, RETEST TO 1200 PSI, PRESSURE DROPPED TO 850 PSI IN 5 MINS, RETEST TO 1200 PSI THIRD TIME, PRESSURE DROPPED TO 850 PSI IN 5 MINS TIH TO 4055', WOULD NOT TEST BELOW PACKER TIH TO 4498', WOULD NOT TEST BELOW PACKER TIH TO 4814', WOULD NOT TEST BELOW PACKER TIH TO 6555' (15' ABOVE CIBP), TEST TO 2000 PSI FOR 15 MINS, TEST OK TOOH TO 5700', WOULD NOT TEST BELOW PACKER TIH TO 6144', WOULD NOT TEST BELOW PACKER TIH TO 6397', PACKER ELEMENTS FAILED
	13:30 - 14:30	1.00	TRIP	a	OBJECT	TOOH W PACKER ASSY, SEAL ELEMENTS ON PACKER GONE
	14:30 - 18:00	3.50	TRIP	a	OBJECT	TIH W RBP, RETRIEVING HEAD, 6' X 2.375" TBG SUB, WEATHERFORD HD COMPRESSION PACKER ON 2.375" TBG TO 6397' SET PACKER @ 6397', TEST TO 1000 PSI BELOW PACKER, HELD OK TOOH TO 6270', TEST TO 1000 PSI BELOW PACKER, HELD OK TOOH TO 6207', TEST TO 1000 PSI BELOW PACKER, HELD OK TOOH TO 6144', TEST TO 1000 PSI BELOW PACKER, HELD OK

Operations Summary Report

Legal Well Name: ROCK ISLAND FEDERAL #1

Common Well Name: ROCK ISLAND FEDERAL #1

Event Name: CAP WORKOVER

Contractor Name: AZTEC WELL SERVICE

Rig Name: AZTEC

Start: 2/12/2002

Rig Release: 3/11/2002

Rig Number: 521

Spud Date: 11/20/1964

End: 3/11/2002

Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
2/16/2002	14:30 - 18:00	3.50	TRIP	a	OBJECT	TOOH TO 5637', TEST BELOW PACKER FAILED TIH TO 5890', TEST TO 1000 PSI BELOW PACKER, HELD OK TOOH TO 5764', TEST BELOW PACKER FAILED TIH TO 5827', TEST TO 1000 PSI BELOW PACKER, HELD OK TOOH TO 5795', TEST TO 1000 PSI BELOW PACKER, HELD OK HOLE IN CSG BETWEEN 5764' & 5795', LEAVE PACKER & RBP HANGING @ 5795', SECURE LOCATION, SDFWE
2/20/2002	07:00 - 08:30	1.50	SAFE	a	OBJECT	START, WARM UP & SERVICE RIG, THAW OUT PMP, SAFETY MEETING: MAKE SURE PMP LINES ARE FREE OF ICE PLUGS P/U & RBP WOULD NOT SET @ 5739', TIH T/6570' (CIBP) T/MAKE SURE RBP WAS JAYD ON PKR, P/U & SET RBP @ 5739' & PKR @ 4789'
	08:30 - 09:45	1.25	TRIP	a	OBJECT	
	09:45 - 13:30	3.75	PRES	a	OBJECT	PRESS TST 4.5"-10.5# PROD CSG T/ISOLATE CSG LEAK: RBP DEPTH:-----PKR DEPTH:-----PRESS: 5739' 4789' 1000 PSI F/15-MIN 5739' 4443' 1000 PSI F/15-MIN 5739' 3495' T/SURFACE 1000 PSI F/15-MIN 5739' 3495' LOST 400 PSI IN 4-MIN 5739' 4116' T/SURFACE LOST 400 PSI IN 4-MIN 5739' 4116' 1000 PSI F/15-MIN 5739' 3812' T/SURFACE 1000 PSI F/15-MIN 5739' 3812' LOST 400 PSI IN 4-MIN 5739' 3938' T/SURFACE LOST 400 PSI IN 4-MIN 5739' 3938' 1000 PSI F/15-MIN 5739' 3875' 1000 PSI F/15-MIN 5739' 3875' T/SURFACE LOST 400 PSI IN 4-MIN 5739' 3844' 1000 PSI F/15-MIN 5739' 3844' T/SURFACE LOST 400 PSI IN 4-MIN ISOLATED UPPER CSG LEAKS F/3812' T/3844', BTM CSG LEAKS F/5764' T/5795'
	13:30 - 14:30	1.00	TRIP	a	OBJECT	TIH, RETRIEVE RBP @ 5739'
	14:30 - 16:30	2.00	TRIP	a	OBJECT	TOH, L/D 4.5" COMPRESSION PKR & RBP
	16:30 - 18:00	1.50	TRIP	a	OBJECT	P/U & RIH W/WCS 4.5" CMT RETAINER T/5665', S.I. SECURE WELL, SDFN
2/21/2002	07:00 - 07:30	0.50	SAFE	a	OBJECT	START, WARM UP & SERVICE RIG, SAFETY MEETING W/ALL PERSONNEL ON LOC: KEEP CLEAR OF ALL LINES WHILE PUMPING CMT
	07:30 - 11:00	3.50	CEMT	a	OBJECT	R/U DOWELL, LOAD 2.375" TBG W/2% KCL WTR, SET CMT RETAINER @ 5665', LOAD TBG & PRESS TST TBG T/3000 PSI, STING INTO RETAINER & EST INJ RATE: 1500 PSI-1.5 BPM, FORM BROKE BACK T/950 PSI-1.5 BPM, SQUEEZE CSG LEAKS F/5764' T/5795' W/100 SKS (21 BBLs SLURRY) CLASS "G" W/.15 #/SK D-65 & 0.2% D-167 F/800 PSI T/20 PSI & DISPLACE W/21 BBLs 2% KCL WTR, FINAL SQUEEZE PRESS: 1000 PSI-1.5 BPM, STING OUT OF CMT RETAINER & SPOT 20' CMT ON TOP OF RETAINER, REVERSE OUT 1 BBL GOOD CMT, ROLL HOLE & CIRC OUT BLK/BROWN WTR

Operations Summary Report

Legal Well Name: ROCK ISLAND FEDERAL #1
 Common Well Name: ROCK ISLAND FEDERAL #1
 Event Name: CAP WORKOVER
 Contractor Name: AZTEC WELL SERVICE
 Rig Name: AZTEC

Start: 2/12/2002
 Rig Release: 3/11/2002
 Rig Number: 521

Spud Date: 11/20/1964
 End: 3/11/2002
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
2/21/2002	07:30 - 11:00	3.50	CEMT	a	OBJECT	W/PH-14+
	11:00 - 12:00	1.00	TRIP	a	OBJECT	TOH, STAND BACK 2.375" TBG, L/D STINGER
	12:00 - 16:00	4.00	NUND	a	OBJECT	R/D RIG FLOOR, N/D BOP STACK, OLD 1000 PSI TBG HEAD, N/U 6" 5000# FLANGE, WELD ON 4.5" CSG EXTENSION, N/U 6" 5000# FRAC HEAD, PACKOFF & PRESS TST FRAC HEAD T/3000 PSI, N/U BOP STACK, R/U RIG FLOOR & POWER TONGS
	16:00 - 16:45	0.75	TRIP	a	OBJECT	TIH W/2.375" TBG OPEN ENDED T/3889'
	16:45 - 17:30	0.75	CEMT	a	OBJECT	R/U DOWELL & PMP 19 SKS CLASS "G" CMT W/15 #/SK D-65 & 0.2% D-167 & SPOT BAL CMT PLUG F/3889' T/3639' (250')
	17:30 - 17:45	0.25	TRIP	a	OBJECT	PULL 30-STDs 2.375" TBG
	17:45 - 19:00	1.25	PRBU	a	OBJECT	PRESS UP ON BAL CMT PLUG F/SURFACE: 0.2 BPM-1850 PSI, BROKE BACK T/1200 PSI, STAGE IN CMT, S.D. F/10-MI & PRESS LEVELED OUT @ 1176 PSI, PRESS UP T/1904 PSI & S/D F/15-MIN & PRESS LEVELED OUT @ 1643 PSI, PRESS UP T/2114 PSI & S/D & PRESS LEVELED OUT @ 2028 PSI, S.I. WELL, R/D DOWELL, TOO DARK T/WORK SAFELY, SDFN, WOC
2/22/2002	07:00 - 07:30	0.50	SAFE	a	OBJECT	PUMPED 2.0 BBLs DISPLACEMENT, EST CMT TOP @ 3764'
	07:30 - 09:00	1.50	PRES	a	OBJECT	START, WARM UP & SERVICE RIG, SAFETY MEETING: LOCK PIPE RAMS ABOVE TBG COLLAR WHEN PRESS TESTING
	09:00 - 09:30	0.50	TRIP	a	OBJECT	R/U THREE RIVERS ACID PMP & PRESS TST 4.5" CSG F/3683' T/SURFACE T/3000 PSI F/15-MIN, R/D THREE RIVERS ACID PMP
	09:30 - 10:15	0.75	TRIP	a	OBJECT	TOH, STAND BACK 2.375" TBG
	10:15 - 14:30	4.25	DRLG	a	OBJECT	P/U & RIH W/3.875" BLADE BIT, 3.125" BIT SUB & 2.375" TBG & TAG TOC @ 3683'
	14:30 - 15:00	0.50	PRES	a	OBJECT	REVERSE CIRC & DRL OUT 10' SOFT CMT & 165' HARD CMT F/3683' T/3858' & CIRC HOLE CLEAN
	15:00 - 16:00	1.00	TRIP	a	OBJECT	PRESS TST SQUEEZE HOLES F/3812' T/3844' T/500 PSI F/15-MIN, HANG BACK POWER SWIVAL
	16:00 - 18:30	2.50	CASE	a	OBJECT	TOH W/10-STDs TBG W/NO CMT STRINGERS, TOH, L/D 3.875" BLADE BIT
2/23/2002						R/U BWWC & RUN CBL F/4800' T/2200' W/1000 PSI ON ANNULUS, TOP OF CMT @ 3440', FREE PIPE F/3440' T/2280', R/D BWWC, S.I. SECURE WELL, SDFN
	07:00 - 07:30	0.50	SAFE	a	OBJECT	START, WARM UP & SERVICE RIG, SAFETY MEETING: TURN OFF ALL CELL PHONES WHEN PERFORATING
	07:30 - 08:30	1.00	WAIT	a	OBJECT	W/O BWWC
	08:30 - 10:00	1.50	PERF	a	OBJECT	R/U BWWC & PERFORATE PT. LOOKOUT/LOWER MENEFEE INTERVAL: 4713'-4620' 2/2-JSPF & 4584'-4173' W/1-JSPF, 3.125" HSC GUN, 0.28" DIA, 20.4" DP, OWEN (302) 10 GRAM CHARGES, R/D BWWC
	10:00 - 15:00	5.00	PULD	a	OBJECT	R/U 2.875" SLIP GRIP ELEVATORS, P/U & RIH W/4.5" BAKER RETRIEVE-A-MATIC FRAC PKR, STRAP & RABBIT
	15:00 - 15:45	0.75	NUND	a	OBJECT	2.875"-6.4"-N-80-BT&C FRAC STRING T/4135'
						N/D DIVERter SPOOL, SCREW ON FLANGE & SET 4.5" BAKER RETRIEVE-A-MATIC PKR @ 4135' IN 19K LBS COMPRESSION, N/U FLANGE ON TOP OF BOP STACK
	15:45 - 16:00	0.25	PRES	a	OBJECT	PRESS TST ANNULUS T/500 PSI F/15-MIN, S.I. SECURE WELL, SDFW
2/26/2002	06:00 - 06:45	0.75	SRIG	a	PREWRK	DROVE TO LOCATION
	06:45 - 07:15	0.50	SAFE	a	PREWRK	CREW SAFETY MEETING-WORKING TOGETHER ALL THE WAY AROUND WARM UP EQUIPMENT

Operations Summary Report

Legal Well Name: ROCK ISLAND FEDERAL #1

Common Well Name: ROCK ISLAND FEDERAL #1

Event Name: CAP WORKOVER

Contractor Name: AZTEC WELL SERVICE

Rig Name: AZTEC

Start: 2/12/2002

Rig Release: 3/11/2002

Rig Number: 521

Spud Date: 11/20/1964

End: 3/11/2002

Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
2/26/2002	07:15 - 09:00	1.75	RURD	a	OBJECT	MOVE IN AND RU SCHLUM-DOW
	09:00 - 09:15	0.25	SAFE	a	OBJECT	PREFRAC SAFETY MEETING
	09:15 - 10:00	0.75	PRES	a	OBJECT	PRESS TST LINES TO 7000 PSI, HAD TO TST 2 TIMES AND XO 1 RUBBER
	10:00 - 11:45	1.75	FRAC	a	OBJECT	FRAC PTLK AND MEN 4173-4713 BRK AT 1.5 AT 389 PSI, RATE 19 BPM-4800 PSI, ISIP 520 PSI, PUMPED 20 BBLS 15% HCL, STARTED PAD AT 29 BPM AT 6000 PSI, TALKED TO ANGVICK AND VOECKS, SUGGESTED ATTEMPTING AND ADDING 3/4 # STAGE AND ADJUSTING ACCORDING
						STAGE RATE-BPM PSI
						PAD 30 6000
						1/4# 29-34 6000
						1/2# 34 5900
						3/4# 34-36.4 5600-6000
						1# 32.7 5900
						1.25# 32.9 6030
						FLUSH 30 4500
						ISIP-380 PSI, 5 MIN-0
	11:45 - 13:00	1.25	RURD	a	OBJECT	FRAC W/133M GALS SLICK 2%KCL, 96.5M# 20/40 BRADY SAND
	13:00 - 14:00	1.00	TRIP	a	OBJECT	RD DOWELL, ND FRAC VALVE, NU STRIPPER, FLOOR, TOOLS
	14:00 - 14:30	0.50	NUND	a	OBJECT	TOOH W/BUTTRESS PIPE AND PKR
	14:30 - 15:00	0.50	PERF	a	OBJECT	ND FLOOR, BOP, NU 4" FRAC VALVE
	15:00 - 15:15	0.25	PRES	a	OBJECT	RU BWWC, SET 4.5 CIBP AT 3530', RD WIRELINE
	15:15 - 16:00	0.75	PERF	a	OBJECT	PRESS TST CIBP TO 3000 PSI
						RU BWWC, PERF CHACRA
2/27/2002						2966, 69,3010, 25, 29, 33, 96, 99, 3116, 18, 21, 23, 83, 86, 3212, 14, 16, 20, 82, 85, 90, 93, 3306, 32, 34, 65, 70, 76, 82, 3408, 10, 22, 54, 58, 64, 74, 78, 83, 91, 97 40 HOLES
	16:00 - 16:30	0.50	STIM	a	OBJECT	RU DOWELL, PRESS TST TO 4000 PSI, ACDZ W/15% HCL AND 80 BS, RATE 15 BPM AT 1200, BALL OUT TO 4100 PSI
	16:30 - 17:00	0.50	PERF	a	OBJECT	RAN JUNK BASKET TO 3530, RECOVERED 60 BS
	17:00 - 18:30	1.50	FRAC	a	OBJECT	FRAC CHACRA 2966-3497 40 HOLES
						24.9M GALS 20# LINEAR 2% KCL, 75% N2 FOAM, 194M# 20/40 BRADY SAND
						STAGE RATE/BPM PSI
						PAD 40.9 2161
						1# 42 2100
						2# 46 2136
						3# 48 2100
						FLUSH 40 2100
						ISIP 1408
	18:30 - 20:00	1.50	RURD	a	OBJECT	SHUT WELL IN, ND DOWELL, NU FLOW BACK LINES AND TURN TO FLOW BACK CREW
	20:00 - 05:00	9.00	FLOW	a	OBJECT	FLOW BACK, OPEN UP WELL ON 10/64 CHOKE AT 1300 PSI
						TIME CHOKE PRESS
						2130 10/64 1200 HVY MIST
						2330 12/64 1100 HVY MIST
						0130 14/64 1000 HVY MIST
						0330 16/64 1000 HVY MIST LT SAND
						0530 18/64 900 HVY MIST LT SND
						TIME CHOKE PSI RETURNS
						0730 20/64 900 HVY FM TR SAND
						0930 22/64 800 HVY FM TR SAND

Operations Summary Report

Legal Well Name: ROCK ISLAND FEDERAL #1

Common Well Name: ROCK ISLAND FEDERAL #1

Event Name: CAP WORKOVER

Contractor Name: AZTEC WELL SERVICE

Rig Name: AZTEC

Start: 2/12/2002

Rig Release: 3/11/2002

Rig Number: 521

Spud Date: 11/20/1964

End: 3/11/2002

Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
2/27/2002	05:00 - 05:00	24.00	FLOW	a	OBJECT	1130 24/64 700 HVY FM LT SAND 1630 32/64 500 HVY FM LT SAND 2130 48/64 300 HVY FM LT SAND 0000 2" 100 HVY FM LT SAND 0500 2" 0 GASSING AND SURGING FOAM
2/28/2002	06:00 - 06:45	0.75	SRIG	a	PREWRK	DROVE TO LOCATION
	06:45 - 07:00	0.25	SAFE	a	PREWRK	CREW SAFETY MEETING-CREW CONDUCTS SAFETY MEETING ON ROAD ON COMMUNICATIONS , HELD OPERATIONAL MEETING W/SUPERVISOR, DISCUSSED KILLING WELL AND NIPPLE UP WARM UP EQUIPMENT
	07:00 - 10:30	3.50	NUND	a	OBJECT	CHANGED OUT WASHED OUT VALVE IN MANIFOLD, KILL WELL, ND FRAC VALVE AND LINES, NU BOP, WELL CAME BACK AROUND ON 2" WHILE LAYING BLOOIE LINES, XO RAMS AND TOOLS TO 2" TBG
	10:30 - 11:30	1.00	TRIP	a	OBJECT	GIH W/3 7/8 MILL AND FLOAT, TAGGED SAND AT3460
	11:30 - 05:00	17.50	BLOW	a	OBJECT	CLEAN OUT TO 3530, AT 1330 HRS CUT BACK TO 1 AND 1 ON COMPRESSORS, WELL MAKING MED MIST AND MOD SAND, RAN 3 BBL SWEEPS EVERY2 HRS DURING NIGHT, AT REPORT TIME WELL MAKING VERY LT MIST, TR-LT SAND ON SWEEPS
3/1/2002	06:00 - 06:45	0.75	SRIG	a	PREWRK	DROVE TO LOCATION
	06:45 - 07:00	0.25	SAFE	a	PREWRK	CREW SAFETY MEETING ON ROAD\ WARM UP EQUIPMENT
	07:00 - 07:30	0.50	PULD	a	OBJECT	PULLED 100' ABOVE CIBP TO 3420, NAT FLOW
	07:30 - 08:30	1.00	SAFE	a	OBJECT	RIG INSPECTION BY SUPERVISOR
	08:30 - 09:30	1.00	FLOW	a	OBJECT	NAT FLOW WELL PITOT AT 670 MCF
	09:30 - 11:00	1.50	RURD	a	OBJECT	MOVE IN TEST UNIT AND STABILIZE FLOW
	11:00 - 14:00	3.00	FLOW	a	OBJECT	FLOW TST WELL AT 200 PSI BACK PRESSURE START AT 514 MCF, 1HR-497 MCF, 2 HR=497, 3HR-497 MCF, NO FLUIDS TO SURFACE
	14:00 - 15:00	1.00	RURD	a	OBJECT	RD WELL TEST, GIH, NO FILL, RU SWIVEL
	15:00 - 16:30	1.50	MILL	a	OBJECT	EST CIRC W/1300 CFM AIR AND 12 BPH MIST, DRILL CIBP, GIH TO 4174
	16:30 - 05:00	12.50	BLOW	a	OBJECT	BLOW AT 1800 HRS CUT BACK TO 1-1 ON COMPRESSION 2000 HRS 5.3 BPH HVY MST TR SAND 2300 HRS BOOSTER WENT DOWN 2400 HRS NAT FLOW 11.2 BPH TR SAND 0200 HRS COMPRESSION BACK ON 8.8 BPH HVY MST TR SAND 0500 9.5 BPH HVY MIST 2 TBSPN SAND
3/2/2002	06:00 - 06:45	0.75	SRIG	a	PREWRK	DROVE TO LOCATION
	06:45 - 07:00	0.25	SAFE	a	PREWRK	CREW SAFETY MEETING-NO HORSE PLAY ON FLOOR AND LOCATION, SAFETY ON FLOOR WHILE TRIPPING WARM UP EQUIPMENT
	07:00 - 08:30	1.50	TRIP	a	OBJECT	BLOW DOWN TBG, TOOH W/USED MILL
	08:30 - 09:00	0.50	RURD	a	OBJECT	XO RAMS AND TOOLS TO 2 7/8
	09:00 - 10:00	1.00	TRIP	a	OBJECT	TIH W/135 JTS 2 7/8 BUTTRESS WS
	10:00 - 12:30	2.50	PULD	a	OBJECT	LD WS ON FLOAT
	12:30 - 13:30	1.00	RURD	a	OBJECT	LUNCH, XO RAMS AND TOOLS TO 2 3/8 TBG
	13:30 - 14:30	1.00	TRIP	a	OBJECT	TIH W/3 7/8 OPTIPOINT MILL AND 152 JTS 2 3/8 TBG TO 4761
	14:30 - 05:00	14.50	BLOW	a	OBJECT	RU AIR AND BLOW 1900 HRS 310 PSI 1 BPH LT SAND 2100 HRS 300 PSI 2.3 BPH HVY SILT 2300 HRS 300 PSI 1.9 BPH LT SILT 0300 HRS 300 PSI 2 BPH LT SILT

Operations Summary Report

Legal Well Name: ROCK ISLAND FEDERAL #1

Common Well Name: ROCK ISLAND FEDERAL #1

Event Name: CAP WORKOVER

Contractor Name: AZTEC WELL SERVICE

Rig Name: AZTEC

Start: 2/12/2002

Rig Release: 3/11/2002

Rig Number: 521

Spud Date: 11/20/1964

End: 3/11/2002

Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
3/2/2002	14:30 - 05:00	14.50	BLOW	a	OBJECT	0500 HRS 300 PSI 3.4 BPH LT SILT
	00:00 -				OBJECT	WILL START SWEEPS AND IN NEXT 24 HRS WILL TRY NAT FLOW NOTE: WELL FLOWING NATURALLY AT APPROX 5-8 BPH WTR AND A 6-8' FLARE UNTIL PUT ON 2" TO INSTALL 2 3/8 RAMS AT 1300 HRS IT LOGGED OFF RETURNED 2 7/8 WS TO FRONTIER INSPECTION MOUNTAIN AIR XO BOOSTER, HAD A BAD HARMONIC BALANCER ON COOLING TOWER
3/3/2002	05:00 - 05:00	24.00	BLOW	a	OBJECT	BLOW W/1-1 COMPRESSION AND 1 NAT FLOW PERIOD 0600 3.5 BBL SWEEP, 1/2 CUP SAND ON SWEEP 0900 300 PSI 2.8 BPH LT SAND 1300 310 PSI 2.2 BPH 1 TBSPN SAND 1300-1700 NAT FLOW RATE WENT FROM 2.2 BPH TO 7 BPH LOAD WTR, SOME FRAC FOAM 1700 UNLOAD APPROX 10 BBLs LOAD WTR, 1/2 CUP SAND 1900 300 PSI 3.8 BPH WTR 1/2 TBSPN 0100 320 PSI 3.1 BPH TR SAND 0500 320 PSI 2.6 BPH NO SAND
3/4/2002	05:00 - 05:00	24.00	BLOW	a	OBJECT	BLOW W/1AND1 COMPRESSION 0900 HRS 315 PSI 3 BPH WTR TR SAND 1300 HRS 300 PSI 3 BPH WTR TR SAND 1700 HRS 300 PSI 2.5 BPH NO SAND 2100 HRS 250 PSI 1.7 BPH NO SAND 0100 HRS 250 PSI 1.6 BPH NO SAND 0500 HRS 250 PSI 1.4 BPH LT FOAM
3/5/2002	06:00 - 06:45	0.75	SRIG	a	PREWRK	DROVE TO LOCATION
	06:45 - 07:00	0.25	SAFE	a	PREWRK	CREW SAFETY MEETING-WATCHING FOR OVER HEAD OBJECTS WHILE WORKING OPERATIONS MEETING CLEANING OUT SAND AND QUICK CONNECTIONS WARM UP EQUIPMENT
	07:00 - 08:00	1.00	TRIP	a	OBJECT	GIH, TAGGED AT 5008' (657' FILL)
	08:00 - 09:00	1.00	MILL	a	OBJECT	MILL REMAINDER OF CIBP, LD 20 JTS 2 3/8 TBG TO CLEAN OUT WITH
	09:00 - 13:30	4.50	COUT	a	OBJECT	CLEAN OUT SAND TO 5565
	13:30 - 16:30	3.00	DRLG	a	OBJECT	DRILL 30' CMT STRINGERS AND 40' HARD CMT, HARD CMT DRILLING 15'/HR
	16:30 - 17:00	0.50	SHDN	a	OBJECT	BLOW CLEAN, PU 1.5 JT OFF BOTTOM, SECURE WELLHEAD, SDFN
3/6/2002	06:00 - 06:45	0.75	SRIG	a	PREWRK	DROVE TO LOCATION
	06:45 - 07:00	0.25	SAFE	a	PREWRK	CREW CONDUCT ROAD SAFETY MEETING-CLEANLINESS IN DERRICK AND NON SLIP SURFACES IN DERRICK SUPERVISOR ATTENDED HOT WORK PERMITTING REFRESHER
	07:00 - 07:30	0.50	BLOW	a	OBJECT	SICP 180 PSI, BLOW DOWN
	07:30 - 12:45	5.25	DRLG	a	OBJECT	DRILL CMT FROM 5620 TO 5755
	12:45 - 13:30	0.75	BLOW	a	OBJECT	CUT MIST, BLOW DRY W/1300 CFM AIR
	13:30 - 14:30	1.00	TEST	a	OBJECT	PITOT 1 HR, 12#, 10#, 6#, 5# ON 2" LINES 5# W/LIGHT MIST IS 1374 MCF/D
	14:30 - 15:00	0.50	SHDN	a	OBJECT	SECURE WELL AND SHUT DOWN
3/7/2002	06:00 - 06:45	0.75	SRIG	a	PREWRK	DROVE TO LOCATION
	06:45 - 07:00	0.25	SAFE	a	PREWRK	CREW SAFETY MEETING-TRIPPING PIPE, NO HORSE PLAY ON FLOOR
	07:00 - 07:30	0.50	BLOW	a	OBJECT	SICP 455#, BLOW WELL DOWN

Operations Summary Report

Legal Well Name: ROCK ISLAND FEDERAL #1

Common Well Name: ROCK ISLAND FEDERAL #1

Event Name: CAP WORKOVER

Contractor Name: AZTEC WELL SERVICE

Rig Name: AZTEC

Start: 2/12/2002

Rig Release: 3/11/2002

Rig Number: 521

Spud Date: 11/20/1964

End: 3/11/2002

Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
3/7/2002	07:30 - 08:45	1.25	TRIP	a	OBJECT	TOOH W/MILL
	08:45 - 09:15	0.50	PULD	a	OBJECT	KILL CSG, LD MILL, PU PKR AND VALVE
	09:15 - 10:00	0.75	TRIP	a	OBJECT	TIH W/PKR 60 STNDS 2 3/8 TBG TO 3801
	10:00 - 10:15	0.25	RURD	a	OBJECT	RU TEST SEPERATOR
	10:15 - 13:15	3.00	TEST	a	OBJECT	FLOW MENEFEE ON 200 PSI BACK PRESSURE 1 HR 369 MCF/D 2 HR 360 MCF/D 3 HR 360 MCF/D NO FLUIDS
	13:15 - 14:00	0.75	PULD	a	OBJECT	RD TST EQUIPMENT, MOVED PKR TO 2909'
	14:00 - 15:15	1.25	NUND	a\	OBJECT	ND BOP AND WELL HEAD, REPLACE 5M FRAC WELLHEAD W/7 1/16 3M ORIGINAL HEAD, NU BOP AND LINES
	15:15 - 16:00	0.75	TRIP	a	OBJECT	TOOH W/PKR
	16:00 - 16:45	0.75	TRIP	a	OBJECT	TIH W/3 7/8 MILL AND 21 STNDS 2 3/8 TBG
	16:45 - 17:00	0.25	SHDN	a	OBJECT	SECURE WELLHEAD AND SHUT DOWN
3/8/2002	06:00 - 06:45	0.75	SRIG	a	PREWRK	DROVE TO LOCATION
	06:45 - 07:00	0.25	SAFE	a	PREWRK	CREW SAFETY MEETING LIGHTING BLOOIE LINES W/2 MEN WARM UP EQUIPMENT
	07:00 - 08:00	1.00	BLOW	a	OBJECT	SICP 500 PSI, BLOW WELL DOWN
	08:00 - 09:00	1.00	TRIP	a	OBJECT	TIH TAGGED AT 6453
	09:00 - 13:30	4.50	COUT	a	OBJECT	JUNK AT 6453, 6513, DRILLED PLUG AT 6750, TAGGED SAND AT 6650, CLEANED OUT TO 6743, HAD A PIECE OF PLUG ON TOP OF SAND, TOOK 45 MINS TO GET TO BOTTOM OF PERFS AND 1.5 HRS FROM 6703 TO 6743, ANGVICK AND VOECKS DECIDED THIS WAS ENOUGH RAT HOLE
	13:30 - 13:45	0.25	RURD	a	OBJECT	RD SWIVEL AND PU ELEVATORS
	13:45 - 16:15	2.50	PULD	a	OBJECT	LD 210 JTS 2 3/8 TBG, PINS PITTED
	16:15 - 16:45	0.50	RURD	a	OBJECT	MOVE OUT FLOAT W/OLD TBG, SPOT FLOAT W/YELLOW BAND PIPE
	16:45 - 17:00	0.25	SHDN	a	OBJECT	SECURE WELLHEAD, SHUTDOWN
	06:00 - 06:45	0.75	SRIG	a	PREWRK	DROVE TO LOCATION
3/9/2002	06:45 - 07:00	0.25	SAFE	a	PREWRK	CREW SAFETY MEETING, PICKING UP TBG, RABBETING TBG, WATCH YOUR STEP WHILE WORKING ON TRAILER, WARM UP EQUIPMENT
	07:00 - 08:00	1.00	BLOW	a	OBJECT	SICP 500 PSI, BLOW WELL DOWN
	08:00 - 14:15	6.25	TRIP	a	OBJECT	TALLY, PU, RABBIT & TIH W 216 JTS 2.375" J-55 YELLOW BAND TBG, TAG PBTD, NO FILL, POOH W 4 JTS
	14:15 - 14:30	0.25	BRCH	a	OBJECT	BROACH TBG
	14:30 - 15:15	0.75	NUND	a	OBJECT	LAND TBG @ 6672.50', 214 JTS TBG W X-CHECK ON BTM & SEATING NIPPLE I JT OFF BTM, ND BOP, NU WH
	15:15 - 16:00	0.75	PUMP	a	OBJECT	PUMP EXPENDABLE CHECK @ 1450 PSI, REVERSE CIRC UP TBG, SHUT IN AIR
	16:00 - 17:30	1.50	TEST	a	OBJECT	PITOT TBG ON 2" LINE: 15 MIN, 2.5 PSI, 970 MCFD WET 30 MIN, 3.0 PSI, 1065 MCFD WET 45 MIN, 3.0 PSI, 1065 MCFD WET 60 MIN, 3.0 PSI, 1065 MCFD WET
	17:30 - 18:00	0.50	RURD	a	OBJECT	RD EQUIPMENT, TOO WINDY TO RIG DOWN RIG, SDFWE
	06:00 - 06:45	0.75	SRIG	a	PREWRK	ROAD TO LOCATION
	06:45 - 07:00	0.25	SAFE	a	PREWRK	CREW SAFETY MEETING-RIGGING DOWN
3/12/2002	07:00 - 08:30	1.50			OBJECT	RIG DOWN, DIESEL WAS STOLEN OVER WEEK END, RIG RAN OF FUEL LEAVING LOCATION

Operations Summary Report

Legal Well Name: ROCK ISLAND FEDERAL #1
Common Well Name: ROCK ISLAND FEDERAL #1
Event Name: CAP WORKOVER
Contractor Name: AZTEC WELL SERVICE
Rig Name: AZTEC

Start: 2/12/2002
Rig Release: 3/11/2002
Rig Number: 521
Spud Date: 11/20/1964
End: 3/11/2002
Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
3/12/2002	00:00 -				OBJECT	NOTES: WELL DESIGNED FOR 3 STAGE FRAC, PTLK, MENELEE, CHACRA, DUE TO HOLES IN CSG 3812-3834 AND 5765-5794, FRAC STRING WAS USED AND PTLK AND MENELEE WERE FRACED IN ONE STAGE PTLK-MEN PERFS 4173-4713 FRAC 133M GALS 2% KCL SLICK, 96.5M 20/40 CHACRA PERFS 2966-3497 FRAC 24.9M GALS 20# LINEAR 75% N2 194M# 20/40 CHACRA TST AT 200 PSI 497 MCF PTLK-MEN TST AT 200 PSI 360 MCF XO 2 3/8 TBG W/YELLOW BAND DUE TO CORROSION IN PINS 1ST 8 DAYS ON LOCATION REPAIRING HOLES IN CSG, DID NOT FRAC UNTIL DAY 9 TBG LANDED AT 6672 215 JTS 2 3/8 TBG RETURNED TO YARD DUE TO PIN CORROSION