

New Mexico
Energy Minerals and Natural Resources Department

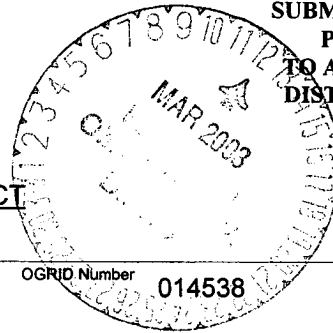
Form C-140
Revised 06/99

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. LP Box 4289, Farmington, NM 87499					OGRID Number 014538	
Contact Party Peggy Cole					Phone 505/326-9700	
Property Name EAST			Well Number 8		API Number 3004510243	
UL P	Section 26	Township 31 N	Range 12 W	Feet From The 790 FSL	Feet From The 790 FEL	County SAN JUAN

II. Workover

Date Workover Commenced 3/20/2002	Previous Producing Pool(s) (Prior to Workover): BASIN DAKOTA
Date Workover Completed: 4/3/2002	

- 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>)		
County of <u>San Juan</u>) ss.		
<u>Peggy Cole</u> , 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>3-11-03</u>
SUBSCRIBED AND SWORN TO before me this <u>11th</u> day of <u>March</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 04-03-2002.

Signature District Supervisor <u>Charles F. Perin</u>	OCD District <u>ARTEC TIT</u>	Date <u>3-13-2003</u>
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VII. DATE OF NOTIFICATION TO THE SECRETARY OF THE TAXATION AND REVENUE DEPARTMENT:

EAST

8

3004510243

REG_DTL_D	BASIN DAKOTA	BLANCO MESAVERDE
4/1/2001	2432	
5/1/2001	2330	
6/1/2001	2171	
7/1/2001	2254	
8/1/2001	1332	
9/1/2001	1582	
10/1/2001	1514	
11/1/2001	1114	
12/1/2001	963	
1/1/2002	889	
2/1/2002	743	
3/1/2002	520	
4/1/2002	4995	10141
5/1/2002	5034	10220
6/1/2002	3611	7331
7/1/2002	3435	6975

Operations Summary Report

Legal Well Name: EAST #8

Common Well Name: EAST #8

Event Name: CAP WORKOVER

Start: 3/20/2002

Spud Date:

End: 4/3/2002

Contractor Name: DRAKE WELL SERVICE

Rig Release: 4/3/2002

Group:

Rig Name: DRAKE

Rig Number: 29

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
3/21/2002	06:00 - 07:00	1.00	MIMO	a	PREWRK	ROAD RIG TO LOCATION, CSG PSI = SLIGHT BLOW, FLOWING OIL OUT 1/2" VALVE#, TBG = 25#, FLOWING OIL, UNABLE TO BLEED DOWN DUE TO VALVES ON CSG FROZEN
	07:00 - 11:30	4.50	RURD	a	PREWRK	RIG UP ASSOCIATED EQUIPMENT AS IT ARRIVED ON LOCATION, LAY BLOW DOWN LINE
	11:30 - 12:30	1.00	WAIT	a	PREWRK	WAIT ON CAMRON TO CHANGE OUT CASING VALVES
	12:30 - 13:00	0.50	NUND	a	OBJECT	CHANGE OUT 3" CASING VALVES TO 2"
	13:00 - 14:00	1.00	NUND	a	OBJECT	KILL TBG W/ 40 BBLs 2% KCL, ND WELLHEAD { HAD TO CUT FLANGE BOLTS }, NU BOP, RIG UP FLOOR TO PULL TBG
	14:00 - 14:30	0.50	TRIP	a	OBJECT	WORK STINGER FREE FROM CMT RETAINER @ 6850'
	14:30 - 15:00	0.50	PUMP	a	OBJECT	ATTEMPT TO CIRCULATE HOLE, PRESSURED UP TO 1500#, UNABLE TO PUMP THRU TBG
3/22/2002	15:00 - 16:45	1.75	TRIP	a	OBJECT	POOH W/ 2-3/8" TBG, { BOTTOM 13 STANDS HAD SCALE ON OUTSIDE }, LAY DOWN STINGER
	16:45 - 18:00	1.25	TRIP	a	OBJECT	MAKE UP 3-7/8" BIT, TIH TO 3400', SDFD
	05:30 - 07:00	1.50	SRIG	a	OBJECT	ROAD CREW TO LOCATION, SERVICE RIG
	07:00 - 07:15	0.25	SAFE	a	OBJECT	SAFETY MEETING W/ CREW, { RIGGING UP BLOW DOWN LINE }
	07:15 - 08:00	0.75	TRIP	a	OBJECT	FINISH TIH W/ BIT TO 6845'
	08:00 - 08:30	0.50	CIRC	a	OBJECT	DISPLACE HOLE W/ 2% KCL, CIRCULATED OUT SCALE, OIL, WATER
	08:30 - 09:45	1.25	TRIP	a	OBJECT	POOH W/ TBG, LAY DOWN BIT
	09:45 - 10:00	0.25	RURD	a	OBJECT	RIG UP BASIN WIRELINE
	10:00 - 11:30	1.50	CASE	a	OBJECT	RUN GR/CCL/CBL 5410' - 3000', TOP OF CMT @ 3046'
	11:30 - 11:45	0.25	RURD	a	OBJECT	RIG DOWN BASIN WORELINE
	11:45 - 13:15	1.50	TRIP	a	OBJECT	PICK UP BAKER FULL BORE PKR, TIH TO 4300', SET PKR
	13:15 - 13:30	0.25	PRES	a	OBJECT	PRESSURE TEST CSG & CMT RETAINER TO 3000 PSI, LEAKED TO 2000PSI IN ONE MINUTE
	13:30 - 13:45	0.25	TRIP	a	OBJECT	TIH W/ PKR TO 4980'
3/23/2002	13:45 - 14:15	0.50	PRES	a	OBJECT	PRESSURE TEST CSG, CIRCULATE OUT 4-1/2" ANNULUS, DROP STANDING VALVE, PUMP DOWN TBG, CIRCULATE OUT ANNULUS
	14:15 - 14:45	0.50	PRES	a	OBJECT	FISH STANDING VALVE
	14:45 - 18:30	3.75	PULD	a	OBJECT	RELEASE PKR, POOH, LAY DOWN 232 JTS 2-3/8" PRODUCTION TUBING, 37 JTS W/ BAD THREADS
	05:30 - 07:00	1.50	SRIG	a	OBJECT	ROAD CREW TO LOCATION, SERVICE RIG
	07:00 - 07:15	0.25	SAFE	a	OBJECT	SAFETY MEETING { PICKING UP PIPE }
	07:15 - 07:45	0.50	TRIP	a	OBJECT	SPOT PIPE TRAILER, STRAP 1ST ROW
	07:45 - 10:00	2.25	TRIP	a	OBJECT	TIH W/ FULL BORE PKR TO 4333', SET PKR
	10:00 - 10:15	0.25	PRES	a	OBJECT	PRESSURE TEST CASING, TBG, CMT RETAINER TO 3000 PSI
	10:15 - 11:15	1.00	TRIP	a	OBJECT	FINISH PICKING UP 2-3/8" TBG, TIH TO 5750'
	11:15 - 12:30	1.25	TRIP	a	OBJECT	POOH W/ TBG, LAY DOWN PKR, NOTIFIED BLM OF INTENT TO SQUEEZE WET CLIFFHOUSE @ 1230 HRS, 3/22/2002 { TALKED TO VINCE }
	12:30 - 12:45	0.25	RURD	a	OBJECT	RIG UP BASIN WIRELINE
	12:45 - 13:15	0.50	PERF	a	OBJECT	PERFORATE TWO SQUEEZE HOLES @ 4220', RIG DOWN BASIN
	13:15 - 14:15	1.00	TRIP	a	OBJECT	TIH W/ BAKER CMT RETAINER ON 2-3/8" TBG & SET @ 4167'
	14:15 - 14:30	0.25	CIRC	a	OBJECT	PUMP TBG CAPACITY AROUND RETAINER
	14:30 - 14:45	0.25	PRES	a	OBJECT	TEST TBG TO 2500 PSI
	14:45 - 15:00	0.25	RURD	a	OBJECT	RIG UP BJ HUGHES
	15:00 - 15:15	0.25	SAFE	a	OBJECT	SAFETY MEETING { CMT JOB }
	15:15 - 15:30	0.25	CIRC	a	OBJECT	ATTEMPT TO ESTABLISH INJECTION RATE, COMMUNICATED AROUND 4-1/2" CASING
	15:30 - 16:00	0.50	RURD	a	OBJECT	RIG DOWN BJ

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Common Well Name: EAST #8

Event Name: CAP WORKOVER

Start: 3/20/2002

Spud Date:

End: 4/3/2002

Contractor Name: DRAKE WELL SERVICE

Rig Release: 4/3/2002

Group:

Rig Name: DRAKE

Rig Number: 29

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
3/23/2002	16:00 - 17:30	1.50	TRIP	a	OBJECT	POOH, LAY DOWN STINGER
	17:30 - 18:00	0.50	PUMP	a	OBJECT	DRAIN PUMPS, WINTERIZE RIG FOR WEEKEND
3/26/2002	05:30 - 07:00	1.50	SRIG	a	OBJECT	ROAD CREW TO LOCATION. SERVICE RIG.
	07:00 - 07:15	0.25	SAFE	a	OBJECT	SAFETY MEETING. PICKING UP POWER SWIVEL. PRESENT: 4 MAN CREW, SUPERVISOR.
	07:15 - 08:00	0.75	TRIP	a	OBJECT	MU 3 7/8 MILL. TIH TO CMT RETAINER @ 4167'. PU POWER SWIVEL.
	08:00 - 09:45	1.75	MILL	a	OBJECT	MILL RETAINER W/ RIG PUMP @ 6 BPM @ 400 PSI DOWN TBG. CHASE RETAINER DOWN HOLE 20'. LD POWER SWIVEL.
	09:45 - 10:15	0.50	PRES	a	OBJECT	PRESSURE TEST CSG. BLEEDING OFF @ 450 PSI.
	10:15 - 11:00	0.75	TRIP	a	OBJECT	TIH & CHASE CMT RETAINER TO 6850'.
	11:00 - 12:30	1.50	TRIP	a	OBJECT	TOOH & LD MILL.
	12:30 - 13:15	0.75	TRIP	a	OBJECT	MU BAKER 4 1/2 PKR. TIH. SET @ 4100'.
	13:15 - 14:00	0.75	PRES	a	OBJECT	TEST BACKSIDE TO 500. OKAY. LOWER PKR TO 4130'. TEST BACKSIDE. BACKSIDE LEAKING @ 350 PSI. COMMUNICATING UP TBG.
	14:00 - 14:45	0.75	TRIP	a	OBJECT	TOOH & LD PKR.
	14:45 - 15:30	0.75	TRIP	a	OBJECT	MU BAKER 4 1/2 CMT RETAINER. TIH TO 4167'.
	15:30 - 15:45	0.25	CIRC	a	OBJECT	CIRC TBG VOLUME TO CLEAR RETAINER. SET RETAINER @ 4167'.
	15:45 - 16:30	0.75	RURD	a	OBJECT	RU BJ. HELD SAFETY MEETING. TEST LINES TO 3500 PSI.
	16:30 - 18:00	1.50	CEMT	a	OBJECT	EST INJ RATE @ 1BPM @ 227 PSI. PUMP 33 SKS TYPE 111 CMT. W/ 2% CACL2 IN LAST 15 SKS. 45.5 CU. FT. 14.6 PPG, YIELD 1.38, 6.68 GPS, 8 BBL SLURRY. DISPLACE W/ 15.8 BBLs FRESH WTR. @ 2 BPM FROM 505 PSI TO 852 PSI. STING OUT OF RETAINER. TOOH TO 3886'. CIRC WELL VOLUME TWICE(110 BBLs). CIRC OUT APPROX 1 BBL HVY CMT. TOOH TO 3266'. LOAD HOLE W/ 1 1/2 BBLs WTR. PRESSURE UP TO 200 PSI. SECURE & SHUT IN WELL W/200 PSI. RD BJ. SDFN.
3/27/2002	05:30 - 07:00	1.50	SRIG	a	OBJECT	CREW TRAVEL. SERVICE RIG.
	07:00 - 07:15	0.25	SAFE	a	OBJECT	SAFETY MEETING. PRESSURE TESTING. PRESENT: 4 MAN CREW, RIG SUPERVISOR.
	07:15 - 07:45	0.50	TRIP	a	OBJECT	TOOH & LD STINGER.
	07:45 - 08:30	0.75	TRIP	a	OBJECT	TIH W/ MILL. TAG CEMENT @ 3926'. 241' CEMENT.
	08:30 - 11:45	3.25	DRLG	a	OBJECT	PICK UP POWER SWIVEL. ESTABLISH CIRC W/ RIG PUMP @ 4 BPM @ 400 PSI. DRLG FIRM CEMENT TO CMT RETAINER @ 4167'. TIGHT @ 4110'. CIRCULATE HOLE CLEAN.
	11:45 - 12:00	0.25	PRES	a	OBJECT	PRESSURE CASING TO 500 PSI.
	12:00 - 14:15	2.25	MILL	a	OBJECT	MILL CEMENT RETAINER @ 4 BPM @ 400 PSI WITH RIG PUMP. DRLG 53' HARD CEMENT UNDER RETAINER TO SQUEEZE HOLES @ 4220'.
	14:15 - 14:30	0.25	PRES	a	OBJECT	PRESSURE TEST CSG TO 500 PSI. OKAY.
	14:30 - 15:30	1.00	TRIP	a	OBJECT	LAY DOWN POWER SWIVEL. TIH W/ MILL TO PBTD @ 6850'.
	15:30 - 16:15	0.75	CIRC	a	OBJECT	ROLL HOLE WITH 100 BBLs CLEAN 2% KCL WATER.
	16:15 - 17:30	1.25	TRIP	a	OBJECT	TOOH & LAY DOWN MILL.
	17:30 - 18:00	0.50	RURD	a	OBJECT	DRAIN PUMP & LINES. SECURE WELL. SDFN.
3/28/2002	05:30 - 07:00	1.50	SRIG	a	OBJECT	CREW TRAVEL. SERVICE RIG.
	07:00 - 07:15	0.25	SAFE	a	OBJECT	SAFETY MEETING ON PERFORATING. PRESENT: 4 MAN CREW, BASIN WIRELINE, RIG SUPERVISOR.
	07:15 - 07:45	0.50	PERF	a	OBJECT	RU BASIN WIRELINE. SELECT FIRE PERFORATE POINT LOOKOUT/LOWER MENEFFEE W/ 3 1/8 HSC CSG GUN. .28 DIA., 20.4 PENETRATION, 10 GRAM OWEN 302 CHARGES @ THE FOLLOWING DEPTHS: 2 SPF: 4899, 4890, 4884, 4834, 4821. 1SPF: 4768, 4762, 4733, 4726, 4708, 4704, 4702, 4696, 4691, 4682, 4681,

Operations Summary Report

Legal Well Name: EAST #8
 Common Well Name: EAST #8
 Event Name: CAP WORKOVER
 Contractor Name: DRAKE WELL SERVICE
 Rig Name: DRAKE

Start: 3/20/2002
 Rig Release: 4/3/2002
 Rig Number: 29

Spud Date: 4/3/2002
 End:
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
3/28/2002	07:15 - 07:45	0.50	PERF	a	OBJECT	4629, 4592, 4574, 4522, 4502, 4496, 4470, 4448, 4446. GROSS INTERVAL 453'. TOTAL HOLES 30.
	07:45 - 11:15	3.50	PULD	a	OBJECT	CHANGE OVER TO 2 7/8 TBG EQUIPMENT & PIPE RAMS. FUNCTION TEST RAMS. PU BAKER 4 1/2 COMPRESSION PKR. TALLY, RABBIT & PICK 2 7/8 6.5# N-80 BUTTRESS FRAC STRING. MU CAMERON BO2 COUPLING & HEAD. SET PKR @ 4323' IN 18,000# COMPRESSION. FLANGE HEAD TO TOP OF BOP SPOOL. NU 10,000# FRAC VALVE. LOAD ANNULUS & TEST PKR TO 500 PSI. BLEED OFF & LEAVE OPEN TO PIT.
	11:15 - 11:30	0.25	SAFE	a	OBJECT	SAFETY MEETING
	11:30 - 12:00	0.50	RURD	a	OBJECT	RU DOWELL. PRESSURE TEST LINES TO 7000 PSI.
	12:00 - 12:45	0.75	FRAC	a	OBJECT	BREAK DOWN POINT LOOKOUT & LOWER MENEFEE @ 4.8 BPM @ 700 PSI. ISIP 0. ACIDIZED W/ 830 GALS 15 % HCL ACID @ 16.5 BPM @ 4692 PSI. 40 BBLS TOTAL PUMPED. PUMPED 13,000 GALS SLICKWATER PAD @ 32 BPM @ 5800 PSI. PUMPED APPROX 16,000# 20/40 ARIZONA SAND IN 1/4 & 1/2 PPG SAND STAGES F/5400-5800 PSI @ 30-37 BPM. FLUSH W/ 35 BBLS 2% KCL WTR. 10 BBLS OVER.
	12:45 - 13:45	1.00	RRSR	a	OBJECT	REPAIR PACKING ON PUMP.
	13:45 - 14:45	1.00	FRAC	a	OBJECT	RE-START PAD - PUMPED 8000 GALS SLICKWATER PAD @ 5800 PSI @ 34-35 BPM. PUMPED APPROX 79,000# 20/40 ARIZONA SAND F/ 1/4 TO 1 1/4 PPG SAND STAGES F/ 5600-6030 PSI @ 35-40 BPM. DISPLACED W/ 24 BBLS 2% KCL WTR. ISIP 240 5MIN 0. APPROX 95,000# TOTAL SAND. AVG RATE 37 MAX 40 MIN 32, AVG PSI 5900 MAX 6030 MIN 5470. TOTAL LOAD 3125 BBLS.
	14:45 - 15:15	0.50	RURD	a	OBJECT	RD DOWELL. ND FRAC FLANGE & LAY DOWN.
	15:15 - 16:30	1.25	TRIP	a	OBJECT	RELEASE PKR & TOOH W/ FRAC STRING & PKR.
	16:30 - 17:45	1.25	PERF	a	OBJECT	RU BASIN WIRELINE. RIH & SET CIBP @ 3800'. SELECT FIRE PERFORATE LEWIS 1 SPF W/ 3 1/8 HSC CSG GUN. .28 DIA, 20.4 PENETRATION, 10 GRAM OWEN 302 CHARGES @ THE FOLLOWING DEPTHS: 3180, 3182, 3192, 3194, 3195, 3434, 3435, 3436, 3444, 3445, 3346, 3456, 3532, 3533, 3534, 3546, 3547, 3556, 3557, 3558, 3620, 3621, 3633, 3634, 3644, 3671, 3672, 3697, 3698, 3725, 3726, 3733, 3734, 3774. GROSS INTERVAL 594', 34 HOLES. RD WL. TIH W/ 4 1/2 PKR & 2 7/8 FRAC STRING TO 3100'.. SECURE WELL. SDFN.
	17:45 - 18:30	0.75	TRIP	a	OBJECT	
3/29/2002	05:30 - 07:00	1.50	SRIG	a	OBJECT	CREW TRAVEL, SERVICE RIG
	07:00 - 07:15	0.25	SAFE	a	OBJECT	SAFETY MEETING. FRAC PROCEDURE. 24 PEOPLE PRESENT.
	07:15 - 07:30	0.25	TRIP	a	OBJECT	TIH W/ PKR F/ 3100' TO 3792'. SET PKR.
	07:30 - 08:00	0.50	PRES	a	OBJECT	RU DOWELL. PRESSURE TEST CIBP TO 3000 PSI. RD DOWELL.
	08:00 - 08:30	0.50	TRIP	a	OBJECT	TOOH TO 3140'. SET PKR. NU FRAC FLANGE, FRAC VALVE & DOWELL.
	08:30 - 09:00	0.50	STIM	a	OBJECT	BREAK DOWN LEWIS PERFS @ 5 BPM @ 2190 PSI. EST INJ RATE @ 2843 PSI @ 7.5 BPM. ISIP 711. ACIDIZE W/ 830 GALS 15% HCL ACID & 60 1.78 RCN BALL SEALERS @ 8-10 BPM F/ 2190 TO 2780 PSI.
	09:00 - 10:15	1.25	TRIP	a	OBJECT	ND FRAC FLANGE & RELEASE PKR. TIH PAST BOTTOM PERF @ 3774' & KNOCK OFF BALLS. TOOH TO 3000'. SET PKR. NU FRAC FLANGE. LOAD BACKSIDE & TEST PKR TO 500 PSI. LEAVE BACKSIDE OPEN TO PIT. RU DOWELL.
	10:15 - 10:45	0.50	PRES	a	OBJECT	PRESSURE TEST LINES TO 7000 PSI. RETIGHTEN FLANGE.
	10:45 - 12:00	1.25	FRAC	a	OBJECT	FRAC LEWIS W/ 10,000 GALS 75Q N2 FOAM PAD @ 40 BPM F/ 4920 TO 4860 PSI. PUMPED APROX 105,000# 20/40 ARIZONA SAND F/

Operations Summary Report

Legal Well Name: EAST #8
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 Event Name: CAP WORKOVER
 Contractor Name: DRAKE WELL SERVICE
 Rig Name: DRAKE

Spud Date:
 Start: 3/20/2002 End: 4/3/2002
 Rig Release: 4/3/2002 Group:
 Rig Number: 29

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
3/29/2002	10:45 - 12:00	1.25	FRAC	a	OBJECT	1/4# TO 2 PPG SAND @ 40 BPM F/ 4860 TO 4465 PSI 75 Q FOAM 20# LINEAR GEL. DISPLACE W/ 4 FLUID BBLS & 100 SCF N2. AVG RATE 40 MAX 40 MIN 40 AVG PSI 4650 MAX 4920 MIN 4465, AVG N2 18,500 MAX 21,300 MIN 17,000 SCF/M. TOTAL N2 1,278,300 SCF. TOTAL LOAD 701 BBLS.
	12:00 - 13:00	1.00	RURD	a	OBJECT	RD DOWELL. RU FLOWBACK LINE & MANIFOLD. TEST TO 1450 PSI.
	13:00 - 05:30	16.50	FLOW	a	OBJECT	FLOW BACK LEWIS. 13:00-15:00 HRS- 10/64 CHOKE 1450 PSI HVY SAND HVY MIST & FOAM. 15:00-17:00 HRS- 10/64 1450-1400 PSI HVY TO MED SAND HVY MIST & FOAM 17:00-19:00 HRS- 12/64 1400-1250 PSI MED TO LIGHT SAND HVY MIST & FOAM 19:00-21:00 HRS 14/64 1250-1100 PSI LIGHT TO TRACE SAND HVY MIST & FOAM 21:00-23:00 HRS 16/64 1100-850 PSI TRACE SAND HVY MIST & FOAM 23:00-01:00 HRS 18/64 850-450 PSI LIGHT TO TRACE SAND HVY MIST & FOAM 01:00-03:00 HRS 20/64 450-375 PSI TRACE SAND HVY MIST & FOAM 03:00-05:00 HRS 22/64 375-150 PSI LIGHT TO TRACE SAND HVY MIST & FOAM CHANGED TO 32/64 CHOKE @ 05:00 HR.
3/30/2002	05:30 - 07:00	1.50	SRIG	a	OBJECT	CREW TRAVEL, SERVICE RIG
	07:00 - 07:15	0.25	SAFE	a	OBJECT	SAFETY MEETING. LAYING DOWN FRAC STRING.
	07:15 - 08:15	1.00	RURD	a	OBJECT	RIG UP BLOOIE LINE. KILL WELL W/ 50 BBLS 2% KCL WTR. RIG DOWN FRAC VALVE & FLANGE.
	08:15 - 11:00	2.75	TRIP	a	OBJECT	RELEASE PKR. TOOH LAYING DOWN 2 7/8 FRAC STRING. LAY DOWN PKR.
	11:00 - 11:30	0.50	KILL	a	OBJECT	KILL WELL W/ 50 BBLS 2% KCL WTR.
	11:30 - 12:45	1.25	TRIP	a	OBJECT	MU 3 7/8 MILL. STAGE IN HOLE. TAG FILL @ 3745. 55' FILL.
	12:45 - 13:15	0.50	COUT	a	OBJECT	PU POWER SWIVEL. ESTABLISH CIRC 2&1 W/ AIR MIST @ 12 BPH @ 750 PSI. CO FILL TO CIBP.
	13:15 - 15:15	2.00	MILL	a	OBJECT	MILL CIBP @ 3800' W/ 15 BPH AIR MIST @ 800 PSI.
	15:15 - 15:45	0.50	CIRC	a	OBJECT	CIRC & CLEAN WELL.
	15:45 - 17:00	1.25	TRIP	a	OBJECT	LAY DOWN POWER SWIVEL. TIH. TAG FILL @ 6540'. 310' FILL. LAY DOWN 8 JTS TBG. EOT @ 6290'. HOOK UP CIRC HOSE.
3/31/2002	17:00 - 05:30	12.50	CIRC	a	OBJECT	UNLOAD HOLE 2&1 W/ AIR MIST. DROP TO 1&1 @ 2.5 BPH MIST. 19:00 HRS- 235 PSI, 12.7 BPH NET FLUID, 3/4 CUP SAND 21:00 HRS- 220 PSI, 12.2 BPH NET FLUID, 1/2 CUP SAND. 23:00 HRS- 210 PSI, 9.3 BPH NET FLUID, 1/4 CUP SAND. 01:00 HRS- 200 PSI, 7.5 BPH NET FLUID, 1/4 CUP SAND. 03:00 HRS- 200 PSI, 7.3 BPH NET FLUID, 1/8-1/4 CUP SAND. 05:00 HRS- 200 PSI, 7.5 BPH NET FLUID, 1/4 CUP SAND.
	05:30 - 05:30	24.00	BLOW	a	OBJECT	FLOW & BLOW POINT LOOKOUT & LEWIS. 05:00-07:00 HRS- FLOW NAT. 5.9 BPH, 1/8 CUP SAND. 05:00-07:00 HRS- 1&1, 400 PSI 3.5 BPH, TRACE SAND 07:00-09:00 HRS- FLOW NAT. 8.5 BPH, TRACE SAND 09:00- 11:00 HRS- 1&1, 400 PSI. 5.8 BPH, TRACE SAND 11:00-15:00 HRS- FLOW NAT, 3 BPH, TRACE SAND. 15:00-17:30 HRS- ATTEMPT TO UNLOAD HOLE W/AIR. WOULD NOT UNLOAD. CALLED OUT OPERATER & RIG PUSHER. PUMPED 10 BBLS W/ RIG PUMP & WORK TBG. PRESSURE @ 1500 PSI. BLEED

Operations Summary Report

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Common Well Name: EAST #8

Event Name: CAP WORKOVER

Contractor Name: DRAKE WELL SERVICE

Rig Name: DRAKE

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Rig Release: 4/3/2002

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Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
3/31/2002	05:30 - 05:30	24.00	BLOW	a	OBJECT	OFF TBG. PUMP 5 BBLs W/ RIG PUMP & START AIR 2&1. WELL STARTED UNLOADING. 17:30-18:00 HRS- 2&1, 800 PSI, PUMP SWEEP. 18:00-19:00 HRS- FLOW NAT, 2 BPH, TRACE SAND. 18:00-01:00 HRS. 1&1, 800-500 PSI, 3.5 BPH, TRACE SAND 01:00-02:00 HRS, FLOW NAT, TRACE SAND 02:00-05:00 HRS, 1&1, 500 PSI, 2.3 BPH, TRACE SAND.
4/1/2002	05:30 - 05:30	24.00	BLOW	a	OBJECT	FLOW & BLOW PTLO/LEWIS 05:00-11:00 HRS- BLOW 1&1 W/AIR-500 PSI 2.1-4.9 BPH, TRACE SAND. 11:00-15:00 HRS- BLOW 1&1 W/ 2BPH MIST, 530 PSI, 5 BPH NET FLUID, TRACE SAND. 15:00-19:00 HRS BLOW 1&1 W/ 2 BPH MIST, 530 PSI, 4-5 BPH NET FLUID, TRACE SAND. 15:00-21:00 HRS- BLOW 1&1 W/2 BPH MIST, 550 PSI, 5-6 BPH NET FLUID, TRACE SAND 21:00-03:00 HRS, BLOW 1&1 W/ 2 BPH MIST, 560 PSI, 5 BPH NET FLUID 03:00-05:00 HRS, BLOW 1&1 W/ 2 BPH MIST, 560 PSI, 4-5 BPH NET FLUID. TRACE SAND.
4/2/2002	05:30 - 07:00	1.50	SRIG	a	OBJECT	ROAD CREW TO LOCATION, SERVICE RIG
	07:00 - 07:15	0.25	SAFE	a	OBJECT	SAFETY MEETING W/ CREW { RIG UP SWIVEL }
	07:15 - 07:45	0.50	TRIP	a	OBJECT	PICK UP TBG, TIH, TAG SAND FILL @ 6525'
	07:45 - 11:30	3.75	COUT	a	OBJECT	CLEAN OUT SAND FILL 6525' - 6850'
	11:30 - 14:30	3.00	MILL	a	OBJECT	MILL CMT RETAINER @ 6850', TRUKK HAULING OFF FRAC TANKS, HOOKED GUY WIRE W/ TANK
	14:30 - 15:30	1.00	CIRC	a	OBJECT	PLUGGED MILL, ATTEMPT TO SURGE PIPE TO UNPLUG MILL
	15:30 - 16:00	0.50	TRIP	a	OBJECT	LAY DOWN 4 JTS 2-3/8" TBG, STAND BACK SIX STANDS
	16:00 - 17:30	1.50	SAFE	a	OBJECT	WAIT ON DRAKE REP TO INSPECT DERRICK FOR DAMAGE, SHUT WELL IN OVERNIGHT
4/3/2002	05:30 - 07:00	1.50	SRIG	a	OBJECT	ROAD CREW TO LOCATION, SERVICE RIG
	07:00 - 07:15	0.25	SAFE	a	OBJECT	SAFETY MEETING { TRIPPING PIPE }
	07:15 - 09:00	1.75	TRIP	a	OBJECT	POOH W/ TBG, MILL PLUGGED W/ SCALE, 4TH JT ABOVE MILL COLLAPSED
	09:00 - 09:30	0.50	PULD	a	OBJECT	UNPLUG MILL, LAY DOWN COLLAPSED JT
	09:30 - 11:15	1.75	TRIP	a	OBJECT	TIH W/ MILL TO 6888'
	11:15 - 11:30	0.25	PULD	a	OBJECT	PICK UP POWER SWIVEL
	11:30 - 11:45	0.25	CIRC	a	OBJECT	ESTABLISH CIRCULATION W/ 2 & 1, 1350 SCFM AIR, 12 BBLs MIST
	11:45 - 13:30	1.75	COUT	a	OBJECT	CLEAN OUT 6888' - 6935', MILL STOPPED @ 6935', PBTD = 7017', BOTTOM PERF @ 6908'
	13:30 - 15:30	2.00	TRIP	a	OBJECT	POOH, LAY DOWN MILL
	15:30 - 17:00	1.50	TRIP	a	OBJECT	MAKE UP EXPENDABLE CHECK, ONE JT TBG, SEATING NIPPLE, TIH W/ 3400' 2-3/8" EUE 4.7# J-55 TBG
	17:00 - 17:30	0.50	BRCH	a	OBJECT	RUN TBG BROACH TO SN
	17:30 - 18:30	1.00	TRIP	a	OBJECT	TIH W/ REMAINDER OF 2-3/8" TBG, TOTAL 219 JTS
	18:30 - 19:00	0.50	BRCH	a	OBJECT	BROACH REMAINDER OF TBG, SDFD
4/4/2002	05:30 - 07:00	1.50	SRIG	a	OBJECT	ROAD CREW TO LOCATION, SERVICE RIG
	07:00 - 07:15	0.25	SAFE	a	OBJECT	SAFETY MEETING W/ CREW { NU WELLHEAD }
	07:15 - 07:30	0.25	TRIP	a	OBJECT	LAND TBG @ 6877' W/ SN @ 6846'
	07:30 - 08:00	0.50	NUND	a	OBJECT	ND BOP, NU WELLHEAD
	08:00 - 08:30	0.50	PUMP	a	OBJECT	PUMP OFF CHECK @ 1000#
	08:30 - 10:00	1.50	CIRC	a	OBJECT	CIR, CLEAN UP WELLBORE, UNABLE TO UNLOAD UP TBG
	10:00 - 11:00	1.00	TEST	a	OBJECT	PITOT TEST UP CSG

Legal Well Name:	EAST #8		
Common Well Name:	EAST #8		Spud Date:
Event Name:	CAP WORKOVER	Start:	3/20/2002
Contractor Name:	DRAKE WELL SERVICE	End:	4/3/2002
Rig Name:	DRAKE	Rig Release:	4/3/2002
		Rig Number:	29
		Group:	

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