

New Mexico
Energy Minerals and Natural Resources Department

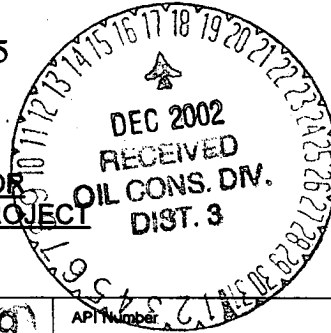
Form C-140
Revised 06/99

District I - (505) 393-6161
1625 N. French Dr, Hobbs, NM 88240
District II - (505) 748-1283
1301 W. Grand Avenue, Artesia, NM 88210
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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

BURLINGTON RESOURCES
ATTN: APPLICATION FOR
WELL WORKOVER PROJECT



I. Operator and Well BOX 4289

Property Name SAN JUAN 29-7 UNIT		Well Number 110		API Number 3003921331	
UL	Section	Township	Range	Feet From The	Feet From The
G	31	29 N	7 W	1840 FNL	1830 FEL
					County RIO ARRIBA

II. Workover

Date Workover Commenced 01/04/02	Previous Producing Pool(s) (Prior to Workover): BLANCO MESAVERDE BASIN DAKOTA
Date Workover Completed: 01/24/02	

- 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 12-16-02
SUBSCRIBED AND SWORN TO before me this 16th day of December 2002
My Commission expires: September 15, 2004 Notary Public Nancy Olthmann

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 01-24-2002.

Signature District Supervisor <u>Chuck Thern</u>	OCD District <u>AZTEC III</u>	Date <u>12-18-02</u>
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VII. DATE OF NOTIFICATION TO THE SECRETARY OF THE TAXATION AND REVENUE DEPARTMENT:

REG_DTL_D	BLANCO MESAVERDE	BASIN DAKOTA
1/1/2000		1421
2/1/2000		1924
3/1/2000		1097
4/1/2000		1038
5/1/2000		1431
6/1/2000		901
7/1/2000		1637
8/1/2000		1125
9/1/2000		1734
10/1/2000		1319
11/1/2000		1538
12/1/2000		1615
1/1/2001		1431
2/1/2001✓		1049
3/1/2001		1108
4/1/2001		1414
5/1/2001		1233
6/1/2001		1131
7/1/2001		1630
8/1/2001		1432
9/1/2001		1214
10/1/2001		1240
11/1/2001		1289
12/1/2001✓		1861
1/1/2002	166	47
2/1/2002✓	19131	5396
3/1/2002	15662	4418
4/1/2002	12755	3598

164.64.7.1

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CHP : _
OGGIPFD

ONWARD
MOBILE PRODUCTION BY PGM/CELL

12/10/02 16:00:57
OGGIII -TPW
Page No:

OGRID Identifier : 14538 AMPLITUDE PRODUCTION CO
Pool Identifier : 71599 EASTO DAKOTA (PROSTATEY GAS)
API Well No : 30 39 21331 Report Period - From : 01 2000 To : 04 2002

API Well No	Property Name	Prodn. Days MM/YY Prod	Production Volumes Gas Oil Water Stat	Well
30 39 21331	SAN JUAN 29 7 UNIT	08 00 31	1125	27 F
30 39 21331	SAN JUAN 29 7 UNIT	09 00 30	1734	42 F
30 39 21331	SAN JUAN 29 7 UNIT	10 00 31	1919	22 F
30 39 21331	SAN JUAN 29 7 UNIT	11 00 30	1536	37 F
30 39 21331	SAN JUAN 29 7 UNIT	12 00 31	1615	39 F
30 39 21331	SAN JUAN 29 7 UNIT	01 01 31	1431	35 F
30 39 21331	SAN JUAN 29 7 UNIT	02 01 30	1049	25 F

Reporting Period Total (Gas, Oil) :

EODS: Gas may continue recording

PF01 HELP	PF02	PF03 EXIT	PF04 CMT	PF05	PF06 CONFIRM
PF07 QUIT	PF08 FUD	PF09	PF10 NEXT PAGE	PF11 NEXT PAGE	PF12

Connected to 164.64.7.1 port 23

1/0

NUM

16:07:38 IBM-3270-2

Operations Summary Report

Legal Well Name: SAN JUAN 29-7 UNIT #110
 Common Well Name: SAN JUAN 29-7 UNIT #110
 Event Name: CAP WORKOVER
 Contractor Name: TJR WELL SERVICE
 Rig Name: TJR

Spud Date: 7/21/1977
 Start: 1/4/2002 End: 1/24/2002
 Rig Release: 1/24/2002 Group:
 Rig Number: 4

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
1/5/2002	13:00 - 18:00	5.00	MIMO	a	MIRU	ROAD RIG TO LOCATION. SPOT IN RIG & EQUIPMENT. SDFWE.
1/8/2002	06:00 - 07:00	1.00	MIMO	a	OBJECT	CREW TRAVEL
	07:00 - 07:15	0.25	SRIG	a	OBJECT	SERVICE & START RIG
	07:15 - 07:30	0.25	SAFE	a	OBJECT	SAFETY MEETING, RIGGING UP. PRESENT: RIG CREW.
	07:30 - 10:30	3.00	RURD	a	MIRU	TBG 150 CSG 150 BRAIDEN HEAD 0. LD BLOW DOWN LINE & START BLOW DOWN WELL. RU SERVICE UNIT & EQUIPMENT.
	10:30 - 11:30	1.00	NUND	a	OBJECT	NDWH & NUBOPE
	11:00 - 11:45	0.75	RURD	a	OBJECT	CHANGE OVER TO 1 1/2 TBG EQUIPMENT & PIPE RAMS. FUNCTION TEST BOP.
	11:45 - 15:00	3.25	PULD	a	OBJECT	UNSEAT DONUT & LD. LAY DOWN 245 JTS 1 1/2 TBG, SEAT NIPPLE, 1JT 1 1/2 TBG W/ EXPENDABLE CHECK ON BOTTOM. RU BLUE JET WIRELINE. RIH W/ 4 1/2 CIBP & SET @ 5887'.
	15:00 - 16:15	1.25	CASE	a	OBJECT	LOAD HOLE W/ 94 BBLs 2% KCL WTR.
	16:15 - 17:00	0.75	PUMP	a	OBJECT	PRESSURE TEST CIBP & CSG TO 1000 PSI.
	17:00 - 17:15	0.25	PRES	a	OBJECT	SECURE WELL. DRAIN PUMP & LINES. SDFN.
	17:15 - 17:30	0.25	RURD	a	OBJECT	SAFETY MEETING W/ RIG CREW @ BURLINGTON OFFICE. WATCHED CHARLIE MORCROFT FILM.
1/9/2002	06:00 - 07:30	1.50	SAFE	a	OBJECT	CREW TRAVEL
	07:30 - 08:30	1.00	MIMO	a	OBJECT	SERVICE & START RIG
	08:30 - 08:45	0.25	SRIG	a	OBJECT	RU BLUE JET. RIH W/ GR/CBL/CCL. TOOL STOPPED @ 4080'.
	08:45 - 11:15	2.50	CASE	a	OBJECT	WORK TOOL. POOH. RIH W/ 3.75 OD GUAGE RING & JUNK BASKET. TAG @ 4080'. WORK JUNK BASKET. UNABLE TO WORK PAST 4080. POOH. JUNK BASKET CLEAN.
	11:15 - 16:45	5.50	PULD	a	OBJECT	PU 3 7/8 JUNK MILL. TALLY, RABBIT & PU 2 3/8 TBG. DID NOT TAG OR FEEL ANYTHING @ 4080'. CONTINUE PU 2 3/8 TBG. TAG CIBP @ 5878'.
1/10/2002	16:45 - 17:30	0.75	TRIP	a	OBJECT	TOOH W/ 60 DOUBLES TBG. SECURE WELL. SDFN.
	06:00 - 07:00	1.00	MIMO	a	OBJECT	CREW TRAVEL
	07:00 - 07:15	0.25	SRIG	a	OBJECT	SERVICE & START RIG
	07:15 - 07:30	0.25	SAFE	a	OBJECT	SAFETY MEETING. PERFORATING. PRESENT: RIG CREW, SUPERVISOR.
	07:30 - 08:00	0.50	TRIP	a	OBJECT	TOOH W/ 35 DOUBLES TBG.
	08:00 - 13:00	5.00	CASE	a	OBJECT	RU BLUE JET. RIH W/ 3 1/8 OD GR/CBL/CCL. TOOL STOPPING @ 4080. WORK TOOL. PRESSURE UP TO 1000 PSI & WORK TOOL. UNABLE TO GO PAST 4080'. POOH. RIH W/ 1 11/16 SINKER BAR TO CIBP @ 5887. POOH. MU & RIH W/ 1 11/16 OD GR/CBL/CCL. LOG UP F/5867 TO 3800'. TOP OF CEMENT @ 4920'.
	13:00 - 14:45	1.75	WAIT	a	OBJECT	WAIT ON SQUEEZE PROCEDURE.
	14:45 - 15:15	0.50	PRES	a	OBJECT	PRESSURE TEST CSG TO 3000 PSI FOR 15 MIN. HELD OKAY. NOTE: NOTIFIED BLM OF SQUEEZE ON 1/9/02 @ 15:30 HRS.(ANS MACHINE).
	15:15 - 16:00	0.75	PERF	a	OBJECT	RIH & SHOOT 1 SQUEEZE HOLE @ 3950'. WELL WENT ON VACUM. RDWL & NU STRIPPER HEAD.
	16:00 - 16:45	0.75	TRIP	a	OBJECT	MU BAKER 4 1/2 FULL BORE PKR. TIH TO 3060'.
	16:45 - 17:15	0.50	PUMP	a	OBJECT	PUMP DOWN TBG. CAUGHT PRESSURE W/ 20 BBLs. PUMPED ADDITIONAL 10 BBLs. PRESSURE FELL F/ 300 PSI TO 0. INJECTION RATE 3 1/2 BPM. STRONG BLOW UP 7" CSG.
1/11/2002	17:15 - 17:30	0.25	RURD	a	OBJECT	SECURE WELL. DRAIN PUMP & LINES. SDFN.
	06:00 - 07:00	1.00	MIMO	a	OBJECT	CREW TRAVEL
	07:00 - 07:15	0.25	SRIG	a	OBJECT	SERVICE & START RIG
	07:15 - 07:30	0.25	SAFE	a	OBJECT	SAFETY MEETING. SQUEEZING. PRESENT: RIG CREW, SUPERVISOR
	07:30 - 08:00	0.50	TRIP	a	OBJECT	TIH W/ PKR. SET @ 3424'.

Operations Summary Report

Legal Well Name: SAN JUAN 29-7 UNIT #110

Common Well Name: SAN JUAN 29-7 UNIT #110

Event Name: CAP WORKOVER

Contractor Name: TJR WELL SERVICE

Rig Name: TJR

Start: 1/4/2002

Rig Release: 1/24/2002

Rig Number: 4

Spud Date: 7/21/1977

End: 1/24/2002

Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
1/11/2002	08:00 - 08:15	0.25	RURD	a	OBJECT	RU HALLIBURTON
	08:15 - 08:45	0.50	SAFE	a	OBJECT	SAFETY MEETING. SQUEEZE PROCEDURE. PRESENT: RIG CREW, PKR HAND, CEMENTERS, SUPERVISOR.
	08:45 - 11:00	2.25	CEMT	a	OBJECT	PRESSURE TEST LINES TO 2500 PSI. LOAD ANNULUS W/ 14 BBLS 2% KCL WTR. TEST PKR TO 600 PSI & HOLD. ESTABLISH INJ RATE @ 2 1/2 BPM @ 580 PSI FOR 23 BBLS. WELL STARTED CIRCULATING UP 7". PUMP 5 BBL FRESH WTR SPACER AHEAD FOLLOWED BY 150 SKS CLASS B CMT W/ 2% CACL2. 177 CF. 15.6 PPG, YIELD 1.18, MIX WTR 5.2 GAL/SK. 32 BBL SLURRY. DISPLACE W/ 20.5 BBLS FRESH WTR. TO 3887(SQ. HOLE @ 3950) @ 1 1/2 BPM @ 720 PSI. SHUT IN WELL @ 310 PSI.
1/12/2002	11:00 - 12:00	1.00	RURD	a	OBJECT	SECURE WELL. CLEAN PUMP & LINES TO PIT. RD HALLIBURTON. SDFN.
	06:00 - 07:00	1.00	MIMO	a	OBJECT	CREW TRAVEL
	07:00 - 07:15	0.25	SRIG	a	OBJECT	SERVICE & START RIG
	07:15 - 07:30	0.25	SAFE	a	OBJECT	SAFETY MEETING. INSPECTING GERONIMO & DERRICK CLIMBING DEVICE. PRESENT: RIG CREW & SUPERVISOR.
	07:30 - 08:30	1.00	TRIP	a	OBJECT	RELEASE PKR. TOOH & LD PKR.
	08:30 - 10:30	2.00	TRIP	a	OBJECT	MU 3 7/8 TOOTH BIT & STRING MILL. TIH. UNLOAD HOLE W/ AIR @ 3000'. TIH TAG CMT @ 3788'. 162' CMT TO SQUEEZE HOLE. LD 8JTS TBG.
	10:30 - 11:00	0.50	RURD	a	OBJECT	PU POWER SWIVEL.
	11:00 - 14:30	3.50	DRLG	a	OBJECT	ESTABLISH CIRC 2&1 W/ AIR MIST @ 12 BPH 475 PSI. DRLG HARD CMT FROM 3788 TO SQUEEZE HOLE @ 3950. DRLG CMT STRINGERS TO 3965'. ROTATE DOWN TO 4058'. CIRC HOLE CLEAN.
	14:30 - 15:00	0.50	RURD	a	OBJECT	LD POWER SWIVEL.
	15:00 - 16:30	1.50	TRIP	a	OBJECT	TIH. TAG TIGHT SPOT @ 4080'. SET DOWN 2K. TOOK 5K TO PULL OFF. DID NOT ROTATE. TOOH & LD STRING MILL.
1/13/2002	16:30 - 17:15	0.75	TRIP	a	OBJECT	TIH W/ 3 7/8 BIT TO 5300'.
	17:15 - 17:30	0.25	RURD	a	OBJECT	SECURE WELL. SDFN.
	06:00 - 07:00	1.00	MIMO	a	OBJECT	CREW TRAVEL
	07:00 - 07:15	0.25	SRIG	a	OBJECT	SERVICE & START RIG
	07:15 - 07:30	0.25	SAFE	a	OBJECT	SAFETY MEETING. PERFORATING. PRESENT: RIG CREW, SUPERVISOR.
	07:30 - 08:00	0.50	TRIP	a	OBJECT	TIH TO CIBP @ 5887'.
	08:00 - 08:45	0.75	PUMP	a	OBJECT	LOAD HOLE & CIRC CLEAN W/ 100 BBLS 2% KCL WTR.
	08:45 - 10:00	1.25	TRIP	a	OBJECT	TOOH W/ BIT TO RUN CBL
	10:00 - 12:00	2.00	CASE	a	OBJECT	RIG UP BLUE JET. RIH W/ 1 11/16 GR/CBL/CCL. LOG UP F/ 5000'. CMT TOP @ 3350'. RD WL.
	12:00 - 14:15	2.25	RURD	a	OBJECT	NDBOP & TBG SPOOL. WELD ON CSG STUB. NU 5000# FRAC HEAD & FRAC VALVE.
	14:15 - 14:30	0.25	PRES	a	OBJECT	PRESSURE TEST CSG, SQUEEZE HOLE, & FRAC VALVE TO 500 PSI. HELD OKAY.
	14:30 - 16:00	1.50	PERF	a	OBJECT	RU BLUE JET. SELECT FIRE PERFORATE POINT LOOKOUT 2SPF W/ 3 1/8 HSC CSG GUN, .28 DIA., 20.4 PENETRATION, 10 GRAM OWEN 302 CHARGES, 120 DEG. PHASING @ THE FOLLOWING DEPTHS: 5859,5847,5836,5820,5796,5780,5763,5721,5710,5700,5677,5671. 1SPF @ 5658,5640,5634,5618,5616,5614,5602,5592,5588,5582,5580,5565,5554,5552,5550,5538,5531,5520,5508,5507. TOTAL HOLES 44. RDWL. SECURE WELL. SDFWE.

Operations Summary Report

Legal Well Name: SAN JUAN 29-7 UNIT #110
 Common Well Name: SAN JUAN 29-7 UNIT #110
 Event Name: CAP WORKOVER
 Contractor Name: TJR WELL SERVICE
 Rig Name: TJR

Start: 1/4/2002
 Rig Release: 1/24/2002
 Spud Date: 7/21/1977
 End: 1/24/2002
 Group:
 Rig Number: 4

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
1/15/2002	06:00 - 07:00	1.00	MIMO	a	OBJECT	CREW TRAVEL
	07:00 - 07:15	0.25	SRIG	a	OBJECT	SERVICE & START RIG
	07:15 - 07:30	0.25	SAFE	a	OBJECT	SAFETY MEETING. FRAC & PERFORATING. PRESENT: HALLIBURTON, BLUE JET, RIG CREW, SUPERVISOR.
	07:30 - 08:45	1.25	FRAC	a	OBJECT	PRESSURE TEST LINES TO 4000 PSI. LOAD HOLE W/ 100 BBLS 2% KCL WTR. EST INJ RATE @ 420 PSI @ 18.3 BPM. ISIP 0 PSI. PUMP 800 GALS 15% HCL ACID IN FRONT OF FRAC. PUMP 10,000 GALS SLICKWATER PAD @ 48-49 BPM F/ 1588-690 PSI. PUMP APPROX 100,000# 20/40 BRADY SAND IN .5 TO 2# SAND CONC IN 4 STAGES F/ 610 TO 1613 PSI. DISPLACE W/ 87 BBLS 2% KCL WTR. ISIP 0 PSI. MIN RATE 49 MAX RATE 50 AVG RATE 49 MIN PSI 610 MAX 1613 AVG 750. TOTAL FLUID TO RECOVER 2216 BBLS.
	08:45 - 10:15	1.50	PERF	a	OBJECT	RU BLUE JET. RIH & SET 4 1/2 CIBP @ 5484'. TEST TO 500 PSI. SELECT FIRE PERFORATE CLIFFHOUSE/UPPER MENELEE W/ 3 1/8 HSC CSG GUN 1SPF W/ OWEN 302 10 GRAM CHARGES, .028 DIA, 20.4 PENETRATION @ THE FOLLOWING DEPTHS: 5465,5456,5430,5426,5397,5394,5341,5335,5318,5278,5274,5220,5194,5163,5121,5115,5098,5087,5084,5080,5061,5012,5008,4996,4994,4970,4966,4962,4958. TOTAL HOLES 29.
	10:15 - 11:30	1.25	FRAC	a	OBJECT	BREAKDOWN CH/MEN @ 6.6 BPM @ 512 PSI. EST INJ RATE @ 1450 PSI @ 19 BPM. ISIP 0. PUMP 800 GALS 15% HCL ACID IN FRONT OF FRAC. PUMP 10,000 GALS SLICKWATER PAD @ 50 BPM F/ 1847 TO 1830 PSI. PUMP APPROX 100,000# 20/40 BRADY SAND IN .5 TO 2# SAND CONC IN 4 STAGES @ 50 BPM F/ 1830 TO 2464 PSI. DISPLACE W/ 77 BBLS 2% KCL WTR. ISIP 443 5 MIN 292 10 MIN 268 15 MIN 240. MIN RATE 49 MAX 51 AVG 50. MIN PSI 1740 MAX 2464 AVG 2050. TOTAL FLUID TO RECOVER 2202 BBLS.
	11:30 - 13:00	1.50	PERF	a	OBJECT	RUWL. RIH & SET 4 1/2 CIBP @ 4830'. TEST TO 500 PSI. SELECT FIRE PERFORATE LEWIS FORMATION W/ 3 1/8 HSC CSG GUN 1SPF W/ OWEN 302 10 GRAM CHARGES, .028 DIA, 20.4 PENETRATION @ THE FOLLOWING DEPTHS: 4805,4790,4771,4750,4740,4670,4665,4619,4614,4600,4550,4542,4510,4460,4455,4430,4425,4420,4360,4358,4350,4305,4300,4298,4282,4280,4218,4124,4107,4055. TOTAL HOLES 30.
	13:00 - 13:30	0.50	STIM	a	OBJECT	BREAKDOWN LEWIS @ 750 PSI @ 5.2 BPM. ESTABLISH INJ RATE @ 1160 PSI @ 17.3 BPM. ISIP 540 PSI. BALLOFF @ 1700 PSI W/ 1100 GALS 15% HCL ACID & 60- 7/8 BIO BALLS @ 18.2 BPM.
	13:30 - 14:00	0.50	SAFE	a	OBJECT	SAFETY MEETING. ENERGIZED FRAC. PRESENT: RIG CREW, HALLIBURTON, SUPERVISORS.
	14:00 - 15:00	1.00	FRAC	a	OBJECT	PUMP 10,000 GALS 75Q FOAM PAD @ 4.5 BPM F/ 2645 TO 2600 PSI, 20# LINEAR GEL. PUMP APPROX 200,000# 20/40 BRADY SAND IN 1 TO 3# SAND CONC IN 3 STAGES @ 45 BPM F/ 2643 TO 2300 PSI, 75Q FOAM 20# LINEAR GEL. DISPLACE W/ 15 FLUID BBLS & 28,000 SCF N2. ISIP 1700. MIN RATE 45 MAX 45 AVG 45 MIN PSI 2300 MAX 2690 AVG 2500 MIN N2 19,100 SCF MAX 26,100 AVG 23,600 SCF. TOTAL FLUID TO RECOVER 760 BBLS.
	15:00 - 17:00	2.00	RURD	a	OBJECT	RD HALLIBURTON. RU FLOWBACK LINE. WAIT ON HALLIBURTON TO LEAVE LOCATION. TEST FLOWBACK LINE W/ 1625 PSI.
	17:00 - 06:00	13.00	FLOW	a	OBJECT	OPEN WELL @ 17:00HRS @ 1625 PSI; 17:00-18:00HRS 16/64, 1625 TO 1400 PSI, HVY MIST, MED FOAM, NO SAND 18:00-20:00HRS 10/64, 1400-375 PSI, HVY MIST, MED FOAM, LIGHT TO TRACE SAND.

Operations Summary Report

Legal Well Name: SAN JUAN 29-7 UNIT #110

Common Well Name: SAN JUAN 29-7 UNIT #110

Event Name: CAP WORKOVER

Contractor Name: TJR WELL SERVICE

Rig Name: TJR

Start: 1/4/2002

Rig Release: 1/24/2002

Rig Number: 4

Spud Date: 7/21/1977

End: 1/24/2002

Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
1/15/2002	17:00 - 06:00	13.00	FLOW	a	OBJECT	20:00-21:00HRS 12/64, 375-350 PSI, MED MIST, HVY FOAM, TRACE SAND 21:00-23:00HRS 14/64, 350-325 PSI, MED MIST, MED FOAM, TR SAND 23:00-01:00 18/64, 325-1450 PSI, MED TO HVY MIST, MED TO HVY FOAM, TRACE TO LIGHT SAND 01:00-03:00HRS 20/64, 1450-1500 PSI, HVY MIST, HVY FOAM, TRACE SAND 03:00-04:00HRS 22/64, 1500-1350 PSI, HVY MIST, MED MIST, MED FOAM, TR SAND 04:00-05:00HRS 24/64, 1350-1100 PSI MED MIST, MED FOAM, TRACE SAND 05:00-06:00HRS 32/64, 1100-925 PSI, HVY MIST, HVY FOAM, TRACE TO LIGHT SAND.
1/16/2002	06:00 - 06:00	24.00	FLOW	a	OBJECT	06:00-13:00HRS 32/64, 925-300 PSI. LIGHT TO MODERATE SAND DOWN TO TRACE. HVY MIST, HVY FOAM. 13:00-17:00HRS 48/64, 300-150 PSI, MODERATE DOWN TO LIGHT SAND, HVY MIST, HVY FOAM. 17:00-06:00HRS, OPEN ON 2", 150-10 PSI. LIGHT TO MODERATE SURGES. LIGHT TO TRACE SAND, WELL FLOWING MODERATE AMOUNT OF GAS BETWEEN SURGES.
1/17/2002	06:00 - 07:00	1.00	MIMO	a	OBJECT	CREW TRACEL
	07:00 - 07:15	0.25	SRIG	a	OBJECT	SERVICE & START RIG
	07:15 - 07:30	0.25	SAFE	a	OBJECT	SAFETY MEETING. SECURING LINES W/PRESSURE & BLOOIE LINE. PRESENT: RIG CREW, SUPERVISOR.
	07:30 - 08:00	0.50	KILL	a	OBJECT	ND FLOWBACK LINE & KILL WELL W/ 30 BBLS 2% KCL WTR.
	08:00 - 10:00	2.00	NUND	a	OBJECT	ND FRAC VALVE & FRAC HEAD. NU TBG SPOOL & BOP. HOOK UP BLOOIE LINE. RIG UP FLOOR & TBG EQUIPMENT.
	10:00 - 11:15	1.25	TRIP	a	OBJECT	TIH IN HOLE W/ 3 7/8 MILL. UNLOAD HOLE @ 3100'. TIH, TAG FILL @ 4623'. CIBP @ 4830'. 207' FILL. BOTTOM 7 PERFS COVERED.
	11:15 - 11:45	0.50	RURD	a	OBJECT	PU POWER SWIVEL.
	11:45 - 15:00	3.25	COUT	a	OBJECT	ESTABLISH CIRC 2&1 W/ AIR MIST @ 14 BPH @ 475 PSI. CO SAND TO CIBP @ 4830'.
	15:00 - 16:30	1.50	MILL	a	OBJECT	MILL ON CIBP @ 14 BPH AIR MIST @ 475 PSI. TORQUE 1100-1500#.
	16:30 - 17:00	0.50	RURD	a	OBJECT	CHANGE OUT SAND CUT SWING ON BLOOIE LINE.
	17:00 - 18:00	1.00	MILL	a	OBJECT	MILL ON CIBP. LD 1JT TBG. DID NOT GET PLUG MILLED UP.
	18:00 - 06:00	12.00	FLOW	a	OBJECT	FLOWBACK LEWIS 1&1 @ 400 PSI @ 3BPM AIR MIST. WELL MAKING 1/4 CUP SAND DOWN TO TRACE SAND & 6 BPH FLUID DOWN TO 3 1/2 BPH FLUID. INTERMITTEN FLARE.
1/18/2002	06:00 - 07:00	1.00	MIMO	a	OBJECT	CREW TRAVEL
	07:00 - 07:15	0.25	SRIG	a	OBJECT	SERVICE & START RIG
	07:15 - 07:30	0.25	SAFE	a	OBJECT	SAFETY MEETING. FLARING BLOOIE LINE. PRESENT: RIG CREW, AIR HAND.
	07:30 - 10:30	3.00	MILL	a	OBJECT	PU 1JT TBG. MILL CIBP @ 4830' 2&1 @ 14 BPH AIR MIST @ 500 PSI.
	10:30 - 11:00	0.50	CIRC	a	OBJECT	CIRC PRESSURE OFF CLIFFHOUSE.
	11:00 - 12:00	1.00	TRIP	a	OBJECT	LD POWER SWIVEL. TIH. TAG FILL @ 5335'. 149' FILL. 8 PERFS COVERED. CIBP @ 5484'. PU POWER SWIVEL.
	12:00 - 16:00	4.00	COUT	a	OBJECT	ESTABLISH CIRC 2&1 W/ AIR MIST @ 14 BPH @ 650 PSI. MILL REMAINS OF CIBP & CO TO CIBP @ 5484.
	16:00 - 18:00	2.00	MILL	a	OBJECT	MILL ON CIBP 2&1 @ 650 PSI @ 14 BPH. DID NOT GET PLUG MILLED UP. LD 1JT TBG.
	18:00 - 06:00	12.00	FLOW	a	OBJECT	FLOW BACK CLIFFHOUSE & LEWIS 1&1 @ 3 BPH AIR MIST @ 450 PSI. RETURNING FROM 12-14 BPH NET FLUID & 1/4 CUP SAND

Operations Summary Report

Legal Well Name: SAN JUAN 29-7 UNIT #110

Common Well Name: SAN JUAN 29-7 UNIT #110

Event Name: CAP WORKOVER

Contractor Name: TJR WELL SERVICE

Rig Name: TJR

Start: 1/4/2002

Rig Release: 1/24/2002

Rig Number: 4

Spud Date: 7/21/1977

End: 1/24/2002

Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
1/18/2002	18:00 - 06:00	12.00	FLOW	a	OBJECT	DOWN TO 8 BPH FLUID & TRACE SAND. 15-20 MODERATE FLARE.
1/19/2002	06:00 - 07:00	1.00	MIMO	a	OBJECT	CREW TRAVEL
	07:00 - 07:15	0.25	SRIG	a	OBJECT	SERVICE & START RIG
	07:15 - 07:30	0.25	SAFE	a	OBJECT	SAFETY MEETING. FIRE EXTINGUISHERS & FIRE HOSES.
	07:30 - 13:00	5.50	MILL	a	OBJECT	PRESENT: RIG CREW, AIR HAND, RIG SUPERVISOR. PU 1JT TBG. ESTABLISH CIRC 2&1 W/ AIR MIST @ 14 BPH @ 700 PSI. MILL CIBP @ 5484'. PLUG LEAKING.
	13:00 - 14:00	1.00	CIRC	a	OBJECT	CIRC OFF PRESSURE ON POINT LOOKOUT.
	14:00 - 17:00	3.00	MILL	a	OBJECT	MILL ON REMAINS OF PLUG @ 14 BPH AIR MIST @ 750 PSI. DID NOT GET PLUG TO TURN LOOSE.
	17:00 - 06:00	13.00	FLOW	a	OBJECT	FLOW BACK POINT LOOKOUT 1&1 @ 3 BPH AIR MIST @ 450 PSI. RETURNING F/ 15 BPH NET FLUID & 1/8 CUP SAND DOWN TO 9 BPH NET FLUID & 1 TRACE SAND. APPROX 30' FLARE.
1/20/2002	06:00 - 06:00	24.00	FLOW	a	OBJECT	ALTERNATE BETWEEN FLOW & BLOW. RETURNING F/ 9 BPH NET FLUID & TRACE SAND DOWN TO 5 BPH NET FLUID & TRACE SAND W/ OCCASIONAL SURGES. 30' FLARE.
1/21/2002	06:00 - 06:00	24.00	FLOW	a	OBJECT	ALTERNATE BETWEEN FLOW & BLOW. RETURNING F/ 5 BPH NET FLUID & TRACE SAND DOWN TO 3 BPH NET FLUID & OCCASIONAL TRACES OF SAND. 30' STEADY FLARE.
1/22/2002	06:00 - 07:00	1.00	MIMO	a	OBJECT	CREW TRAVEL
	07:00 - 07:15	0.25	SRIG	a	OBJECT	SERVICE & START RIG
	07:15 - 07:30	0.25	SAFE	a	OBJECT	SAFETY MEETING. BOP DRILL. PRESENT: RIG CREW, AIR HAND, SUPERVISOR.
	07:30 - 08:30	1.00	RRSR	a	OBJECT	WORK ON AIR COMPRESSOR. RU AIR LINE FROM AIR PKG TO OPERATE RIG.
	08:30 - 10:30	2.00	TRIP	a	OBJECT	LD POWER SWIVEL. TOOH. LD 4 BLADE JUNK MILL. LIGHT TO MEDIUM WEAR. PU 5 BLADE JUNK MILL.
	10:30 - 13:00	2.50	RRSR	a	OBJECT	CHANGE OUT AIR COMPRESSOR.
	13:00 - 14:30	1.50	TRIP	a	OBJECT	TIH. PU POWER SWIVEL.
	14:30 - 15:30	1.00	MILL	a	OBJECT	ESTABLISH CIRC 2&1 W/ AIR MIST @ 14 BPH @ 700 PSI. MILL CIBP FREE @ 5484'.
	15:30 - 17:30	2.00	COUT	a	OBJECT	CHASE PLUG DOWN HOLE 46' TO 5530'. TAG FILL. MILL ON REMAINS OF PLUG. CHASE PLUG DOWN TO 5550'. CIRC BOTTOMS UP. PU 30'. TURN WELL OVER TO FLOWBACK HAND.
	17:30 - 06:00	12.50	FLOW	a	OBJECT	FLOW WELL 1&1 @ 3 BPH AIR MIST @ 450 PSI. RETURNING F/ 6 BPH NET FLUID & 1/8 CUP SAND DOWN TO 4 BPH NET & TRACE SAND. 30' STEADY FLARE.
1/23/2002	06:00 - 07:00	1.00	MIMO	a	OBJECT	CREW TRAVEL
	07:00 - 07:15	0.25	SRIG	a	OBJECT	SERVICE & START RIG
	07:15 - 07:30	0.25	SAFE	a	OBJECT	SAFETY MEETING. MSDS. PRESENT: RIG CREW, AIR HAND.
	07:30 - 13:00	5.50	COUT	a	OBJECT	ESTABLISH CIRC 2&1 W/ AIR MIST @ 14 BPH @ 700 PSI. MILL & CHASE PLUG F/ 5550 TO 5695'. 192' FILL. CO SAND TO CIBP @ 5887'.
	13:00 - 17:30	4.50	MILL	a	OBJECT	MILL ON CIBP W/ 14 BPH AIR MIST, 1350 CFM, @ 700 PSI. DID NOT GET PLUG MILLED FREE. CHANGE OUT STRIPPER RUBBER. PU 30'. TURN WELL OVER TO FLOWBACK HAND.
	17:30 - 06:00	12.50	FLOW	a	OBJECT	FLOW BACK WELL 1&1 W/ 3BPH AIR MIST @ 450 PSI. RETURNING F/ 6 BPH NET FLUID & 1/4 CUP SAND DOWN TO 4 BPH NET FLUID & TRACE SAND. 30' FLARE.
1/24/2002	06:00 - 07:00	1.00	MIMO	a	OBJECT	CREW TRAVEL
	07:00 - 07:15	0.25	SRIG	a	OBJECT	SERVICE & START RIG
	07:15 - 07:30	0.25	SAFE	a	OBJECT	SAFETY MEETING. SPILL PREVENTION. RIG CREW, AIR HAND, SUPERVISOR.

Operations Summary Report

Legal Well Name: SAN JUAN 29-7 UNIT #110

Common Well Name: SAN JUAN 29-7 UNIT #110

Event Name: CAP WORKOVER

Contractor Name: TJR WELL SERVICE

Rig Name: TJR

Start: 1/4/2002

Rig Release: 1/24/2002

Rig Number: 4

Spud Date: 7/21/1977

End: 1/24/2002

Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
1/24/2002	07:30 - 09:00	1.50	MILL	a	OBJECT	ESTABLISH CIRC 2&1 W/ AIR MIST @ 14 BPH @ 700 PSI. MILL CIBP @ 5887.
	09:00 - 09:45	0.75	PULD	a	OBJECT	LD POWER SWIVEL. TIH W/ 5 DOUBLES OUT OF DERRICK. PU TBG OFF PIPE TRAILER TO 6650'. TAG UP ON PLUG. PU POWER SWIVEL.
	09:45 - 10:30	0.75	MILL	a	OBJECT	EST CIRC 2&1 W/ AIR MIST @ 14 BPH @ 700 PSI. MILL & CHASE PLUG TO 6680'. LD POWER SWIVEL.
	10:30 - 11:30	1.00	PULD	a	OBJECT	PU TBG TO PBTD @ 7836'. 5' FILL.
	11:30 - 12:00	0.50	CIRC	a	OBJECT	CIRC HOLE 2&1 W/ 12 BPH AIR MIST @ 800 PSI.
	12:00 - 12:45	0.75	TRIP	a	OBJECT	TOOH W/ 51 DOUBLES.
	12:45 - 13:30	0.75	RRSR	a	OBJECT	TIGHTEN BELTS & BOLTS ON AIR COMPRESSOR.
	13:30 - 15:00	1.50	TRIP	a	OBJECT	TOOH. LD MILL.
	15:00 - 16:00	1.00	TRIP	a	OBJECT	TIH W/ 2 3/8 EXPENDABLE CHECK, 1JT 2 3/8 TBG, SEAT NIPPLE & 1/2 PRODUCTION TBG.
	16:00 - 16:45	0.75	BRCH	a	OBJECT	BROACH TBG. CLEAR EXPENDABLE CKECK W/ AIR MIST.
	16:45 - 17:30	0.75	TRIP	a	OBJECT	TIH TO 7560. BOTTOM PERF @ 7550'.
	17:30 - 18:00	0.50	CIRC	a	OBJECT	UNLOAD HOLE 2&1 W/ 12 BPH AIR MIST @ 700 PSI. TURN WELL OVER TO FLOWBACK HAND.
	18:00 - 06:00	12.00	FLOW	a	OBJECT	ALTERNATE BETWEEN FLOW & BLOW. 18:00-20:00HRS-1&1, 4.5 BPH NET FLUID, 1/4 CUP SAND. 20:00-21:00HRS, NATURAL FLOW, 5 BPH FLUID, 1/8 CUP SAND. 21:00-22:00HRS, 1&1, 4.5 BPH NET FLUID, 1/8 CUP SAND. 22:00-00:00HRS, NATURAL FLOW, 4 BPH FLUID, 1/8 CUP SAND. 00:00-01:00HRS, 1&1, 4.5 BPH NET FLUID, 1/8 CUP SAND. 01:00-03:00HRS, NATURAL FLOW, 3.5 BPH FLUID, 1/8 CUP TO TRACE SAND. 03:00-04:00HRS, 1&1, 4 BPH NET FLUID, 1/8 CUP SAND. 04:00-06:00HRS, NATURAL FLOW, 3.5 BPH FLUID, 1/8 CUP SAND. 30' FLARE.
1/25/2002	06:00 - 07:00	1.00	MIMO	a	OBJECT	CREW TRAVEL
	07:00 - 07:15	0.25	SRIG	a	OBJECT	SERVICE & START RIG
	07:15 - 07:30	0.25	SAFE	a	OBJECT	SAFETY MEETING. RIGGING DOWN. PRESENT: RIG CREW, AIR HAND, SUPERVISOR.
	07:30 - 07:45	0.25	TRIP	a	OBJECT	TIH TO PBTD @ 7836'. 3' FILL.
	07:45 - 08:15	0.50	BRCH	a	OBJECT	BROACH TBG.
	08:15 - 09:00	0.75	RRSR	a	OBJECT	REPLACE SWDGE & TEE ON BLOOIE LINE.
	09:00 - 10:00	1.00	CIRC	a	OBJECT	UNLOAD HOLE 2&1 W/ 12 BPH AIR MIST @ 750 PSI.
	10:00 - 12:30	2.50	FLOW	a	OBJECT	FLOW WELL NATURAL. RETURNING F/ 3 BPH FLUID & 1/8 CUP SAND DOWN TO 3 BPH FLUID & TRACE SAND.
	12:30 - 13:00	0.50	PULD	a	OBJECT	LD 2JTS TBG. PU DONUT & LAND TBG. TBG DETAIL: 2 3/8 EXPENDABLE CHECK 1JT 2 3/8 J55 4.7# 8RD EUE TBG SEAT NIPPLE(1.78 ID) 250 JTS 2 3/8 TBG AS ABOVE TBG LANDED @ 7785.17 KB
	13:00 - 14:00	1.00	NUND	a	OBJECT	NDBOP & NUWH.
	14:00 - 14:45	0.75	PUMP	a	OBJECT	PUMP OFF EXPENDABLE CHECK W/AIR @ 1200 PSI. UNLOAD CSG. REVERSE AIR.
	14:45 - 16:30	1.75	FLOW	a	OBJECT	FLOW WELL NATURAL UP TBG. PITOT THROUGH 2" LINE: 15:30 HRS 1048 MCFD. 15:45 HRS 1010 MCFD. 16:00 HRS 970 MCFD. 16:15 HRS 952 MCFD 16:30 HRS 970 MCFD. LIGHT TO MEDIUM MIST ON

Operations Summary Report

Legal Well Name: SAN JUAN 29-7 UNIT #110

Common Well Name: SAN JUAN 29-7 UNIT #110

Event Name: CAP WORKOVER

Contractor Name: TJR WELL SERVICE

Rig Name: TJR

Start: 1/4/2002

Rig Release: 1/24/2002

Rig Number: 4

Spud Date: 7/21/1977

End: 1/24/2002

Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
1/25/2002	14:45 - 16:30 16:30 - 17:30	1.75 1.00	FLOW RURD	a a	OBJECT OBJECT	ALL PITOT READINGS. RIG DOWN SERVICE UNIT & EQUIPMENT. RIG RELEASED 1/24/2002 @ 17:30 HRS. SENT IN 1JT 2 3/8 TBG W/BAD THREADS/TRIPPLE S TRUCKING. TRANSFERED 6 JTS 2 3/8 TBG DELEVERED TO THIS WELL TO SJ 29-7 #40A. WELL SUMMARY: MIRU. LD 1 1/2 TBG. RU BLUE JET. SET 4 1/2 CIBP @ 5887'. TEST TO 1000 PSI. RAN 3 1/8 OD GR/CBL/CCL. WOULD NOT GO PAST 4080'. RAN 3.75 GUAGE RING & JUNK BASKET. STOPPED @ 4080'. PU 3 7/8 MILL & 2 3/8 TBG TO 5887'. DID NOT SEE ANYTHING @ 4080'. RAN 3 1/8 GR/CBL/CCL. STOPPED @ 4080'. RAN 1 11/16 GR/CBL/CCL. CMT TOP @ 4920'. TEST CSG TO 300 PSI. SHOOT SQUEEZE HOLE @ 3950'. SQUEEZE W/ 150 SKS CLASS B 2/ 2% CACL2. DRLG OUT 162' CMT. CO TO CIBP @ 5887'. RUN GR/CBL/CCL. CMT TOP @ 3350'. RU FRAC HEAD & FRAC VALVE. PERFORATE & FRAC POINT LOOKOUT, CLIFFHOUSE, & LEWIS. FLOW BACK PER PROCEDURE. CO & MILL CIBP'S. (25 1/4 HRS TO MILL UP 3 BAKER CIBP'S.) CO TO PBTD. RUN & BROACH PRODUCTION TBG & LAND. FINAL PITOT UP TBG 970 MCFD. RD & RELEASE RIG. COST SUMMARY: 02-OVER \$1,068 09-OVER \$2,608 16-OVER \$10,155 34-OVER \$8,593 43-OVER \$1,975 60-OVER \$3,970 POST LOCATION 1/28/02. LOCATION & ROAD FREE OF TRASH. 4TH SIDE OF PIT FENCED. APPROX 3' OF FREEBOARD IN PIT. ROUSTABOUT CREW INSTALLING PROD EQUIPMENT.