DEC 2002

B-32-25N-4W

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JICARILLA		Daily Summary	Convert to SWE
API/UWI 300392046000	RIO ARRIBA NEW MEXIC	Surface Legal Location O NMPM-25N-4W-32-SE NW NE	N/S Dist. (ft) N/S Ref. E/W Dist. (ft) E/W Ref. 800.0 N 1850.0 E
Ground Elevation (ft) 6855.0		elease Date Latitude (DMS) 36° 21' 40.932" N	Longitude (DMS) 107° 16' 21.36" W
Start Date			
Start Date 2/11/2002 00:00	good. RU floor. Pick up 4.5" scraper a	n bit., an tbg. 2 3/8", RIH , tally in. to 4800'. 🕴	
2/12/2002 00:00	RU BJ cement unit, spot three barrels	s of cement on top of plug,at 6349'. (180') R 00#. Csg would not test, would bled off at a	an scraper. RIH with tbg, open ended, to 6343'. D cement unit. POOH with tbg. RIH with one 100# a min. Could not pump into it. RDBJ. POOH
2/13/2002 00:00	up to 2000# held for 20 mins. , Test ba between 2916' an 2945'. Press would	ackside, press leak off, 120# in 20 mins. Rel	23'. Set an test below packer, tested okay, press ease press, test csg Under packer. Found hole 6' to surface, tested okay Release packer an out job.
2/14/2002 00:00	0# csg. press. Finish POOH with tbg. a wireline,RD. Try to break down perfs v broke down perfs. Break point 2340#, down to 955#, shut down 20 mins, pur	an packer. RU wireline, RIH with perfgun. Sh vith rig pump, could not. RIH with packer an t inj. rate was1.6BPM/1910#. STAGE 16 bbl. mp. 5 bbl, press started at 510#then up to 91	bg. set packer at 2604'. RU BJ cement pump, slurry, displace with 13.1 bbls, of water, press
2/15/2002 00:00	Safety meeting. Tbg. press. 0#, Relea pump an power swivel, est circaltion. I Test csg to 500#. Tested okay. Secure	Orill out cement, fell thur at 2942'. Cement ha	H with drill bit an tbg. tag cement at 2848'. RU rd. Circalate hole clean. POOH with tbg. an bit.
2/18/2002 00:00	Imin. Then to 2000# in five mins then to Set an test below packer to 2000# test leak. Test back side of packer an csg. packer. RU wireline, RIH with perf gur	o 1900 # in fifteen . Try it several time same r ted okay. Release packer an PU to 2900'. se to 2000# held okay. Perf holes or cso hole si	ld not test to 3500#., would leak off 500# in first results. RD press. truck. RIH with packer to 2940', t an test squeeze holes. Pressure test to 2000#, till leaking. Release packer an POOH with tbg. an n perf gun, RD wireline. RU rig pump, break down II SDFN
2/19/2002 00:00	1500#., Stage cement, 18bbls, rate a unloader an reverse circalate 8 bbls of squeeze to 1500# Used 100 sacks of well in with 1500# on csg. RDBJ Secu	re well SDFN.	e only 4 bbls. Press. up to 2800#. PU with stands. Reset packer . Press back up on jueeze, 6 in hole an 8 was circalated to pit. Shut
2/20/2002 00:00	Safety meeting, 0# csg. press. Releas rig pump, est. circalation , start drilling up, Secure well SDFN	e packer, POOH with tbg. an packer. RIH wit out cement. Cement real hard. Drill out three	h drill bit an tbg. Tag up on cement at 2574'. RU a joints of cement to 2668'. Circalate clean . Drain
2/21/2002 00:00	cement. Fell thur at 2945'. Circalated c to 3500# for fifteen mins. held solid. R	clean. RU pump truck, test csg to 1000# for fi D pump truck. Blow down press. Shut well in	
2/22/2002 00:00	tool, run DCL from 5450'-4500'. POOH 3000#, tested okay. Blow down press. four runs , perf from 5306'-5326'. 4 sho	l with logging tool. RIH with CIBP, set at 5426 RIH with dump bailer, set 20' of cement on to bts per foot., 5278'-5298', 4 shots per foot, 52 total of 264 holes. RD wireline. RU ria pumo	with tbg an bit. RU wireline unit. RIH with logging 6'. POOH with setting tool. RU pump , test plug to op of plug. POOH with bailer. RIH with perf gun, 234'-5244', 4 shot per foot, 5176'-5182', 4 shots b, pump in, load hole three barrels, break point
2/25/2002 00:00	perfs. Start step rate test. Started at 1/	l on vacum. Rig up pump truck. RU wireline u 8 bbl. a min. , increase by 1/4 bbl a min. up t gauge in hole one more hour. POOH with gau	unit RIH with down hole press. gauge, Set at mid to 2 bbls a min. Press started at 850# to 950 #. uge. Shut well in.
2/26/2002 00:00	Safety meeting, Csg press. 100# Blow Frac valve. RDMO.	well down, RIH with tbg. POOH with tbg, lay	down on trailer. 5460'. Shut well in. NDBOP,NU
3/14/2002 00:00	Safety meeting, Csg press 0#, POOH o okay. Release packer, POOH with Pac down tbg. Rig down rig an equipment I	ker. RIH with retrieveing tool, an tbg. Latch:	ds, set packer. Press test csg to 3800#. Tested an release plug. POOH with tbg an plug , lay
3/15/2002 00:00	Road rig , MI, Spot in rig an equipment one joint. Secure well SDFN	. Rig up. Test BOP. RIH with retrievable brid	ge plug an 97 joints of tbg. Set plug at 3056'. Pull
ØellView <sup>®</sup>		Page 1	Report generated on -8/10/2002

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6855.00         2/1/1972         36* 21* 40.932* N         107* 16* 21:36* W           Ster Dele         Ope This Apr         Ope This Apr           3/16/2002 00:00         JICARILL 30 # 5         FRAC THE POINT LOOKOUT           HELD SAFETY MEETING, RU BJ SERVICES, FRAC THE POINT LOOKOUT. TESTED LINES TO 4800 #, SET F         Stato #, PUMPED PRE PAD @ 41 BPM @ 3150 #, STEPPED DOWN RATE TO 33 BPM @ 2436 #, STEPPED DO 22 BPM @ 1680 #, STEPPED DOWN RATE TO 11 BPM @ 1100 #, ISIP 1000 #, 5 MIN, 731 #, 10 MIN, 670 #, 15           FRAC THE POINT LOOKOUT WS LICKWATER, 47,160 # 2040 BRADY SAND, 1600 BBLS FULID. AVG RATE 5         FRAC STEPPED DOWN RATE TO 11 BPM @ 1100 #, ISIP 1000 #, 5 MIN, 731 #, 10 MIN, 670 #, 15           3/17/2002 00:00         Safety meeting, RU pump truck, Run step rate test, Pump 10bbls, broke at 1220#, Use 262 bbls, of water. Started at 7bbls/1338#, 3bbls/1238#, 1.bbls/1338#, 1.bbls/1307#, 1.7bbls/1317# at about 32mins each. At hole press gauge set at mid perfs. RD pump an wireline unit, Shut well in.           3/18/2002 00:00         Safety meeting, RU pump truck, Run step rate test, Pump 10bbls, broke at 1220#, Use 262 bbls, of water. Started at 7bbls/1308#, 1.bbls/1307#, 1.7bbls/1317# at about 32mins each. At hole press gauge set at mid perfs. RD pump an wireline unit, Shut well in.           3/18/2002 00:00         Safety meeting, RU pump truck, RU with with omergone 5100/ with setting tool. RU pump truck, lester to 3000#, tested okay, RD pump truck. RIH with orgone/640 (40) 4996-5000/(16) 5008-5028'(60) Made 7 gun shots 456. RD wireline unit, Shut well no.           4/15/2002 00:00         Safety mtg, Road rig to location from Valencia canyon #37.	6855.00         2/1/1972         36* 21* 40.932* N         107* 16* 21.36* W           Start Date         Ope This Rpt         Ope This Rpt         Ope This Rpt           3/16/2002 00:00         JICARILL 30 # 5         FRAC THE POINT LOOKOUT         FRAC THE POINT LOOKOUT           HELD SAFETY MEETING. RU BJ SERVICES. FRAC THE POINT LOOKOUT. TESTED LINES TO 4800 #. STEPPED DOWN RATE TO 33 BPM @ 2436 #. STEPPED DOWN RATE TO 13 BPM @ 2436 #. STEPPED DOWN RATE TO 13 BPM @ 2436 #. STEPPED DOWN RATE TO 11 BPM @ 1100 #. SIP 1000 #. S MIN. 731 #. 10 MIN. 670 #. 15 MIN FRAC THE POINT LOOKOUT W           100 FRAC THE POINT LOOKOUT W         SIEL (CKWATER, 47.168 # 2040 BRADY SAND. 1600 BBLS FLUID. AVC RATE 52 B PRESSURE 1932 #. MAX PRESSURE 3151 #. MAX SAND CONS 1.25 # PER GAL. ISIP 1200 #. FRAC GRADIENT RD BJ SERVICE           3/17/2002 00:00         Safety meeting, RU pump truck, Run step rate test, Pump 10bbls, broke at 1220#. Use 262 bbls. of water. Started at .5b r. Dbls/1338#, 1.bbls/1307#, 1.bbls/1307#, 1.bbls/1317# at about 32mins each. Also 1 hole press gauge set at mid perfs. RD pump an wireline unit. Shut well in.           3/18/2002 00:00         Safety meeting, RU wineline unit. R1H with composite plug set at 5100. POOH with setting tool. RU pump truck, tested c in 3000#, tested okay, RD pump truck. R1H with composite plug set at 5100. POOH with setting tool. RU pump truck, tested C (24, 4772-4787) (4, 4916-4326 (4) (4) 4912-4916' (16) 4930'-4940 (40) 4986'-5007(6) 5008'-5028' (80) Made 7 gun ru in shots 456. RD wirelineunit Shut we in.           4/15/2002 00:00         Safety mig. Road rig to location from Valencia canyon #37. MIRU. Check pressures, no pressure. ND Frac valve. NU BOP's to 2	API/UWI 300392046000 Ground Elevation (ft)	County         State/Province         Surface Legal Location         N/S Dist. (ft)         N/S Ref.         E/W Dist. (ft)         E/W Dist. (ft)         N/S Ref.         E/W Dist. (ft)         Item 1           RIO ARRIBA         NEW MEXICO         NMPM-25N-4W-32-SE NW NE         800.0         N         1850.0         1850.0           Spud Date         Rig Release Date         Latitude (DMS)         Longitude (DMS)         Longitude (DMS)		
<ul> <li>3/16/2002 00:00 JICARILL 30 # 5</li> <li>FRAC THE POINT LOOKOUT</li> <li>HELD SAFETY MEETING. RU BJ SERVICES. FRAC THE POINT LOOKOUT. TESTED LINES TO 4800 #. SET F 3450 #. PUMPED PRE PAD @ 41 BPM @ 3150 #. STEPPED DOWN RATE TO 33 BPM @ 2436 #. STEPPED DO 22 B PM @ 1860 #. STEPPED DOWN RATE TO 11 BPM @ 1100 #. ISIP 1000 #. SMIN. 731 #. 10 MIN. 670 #. 15</li> <li>FRAC THE POINT LOOKOUT W/ SLICKWATER, 47, 180 # 20/40 BRADY SAND. 1600 BBLS FLUID. AVC RATE 5 PRESSURE 1932 #. MAX PRESSURE 3151 #. MAX SAND CONS 1.25 # PER GAL. ISIP 1200 #. FRAC GRADIE RD BJ SERVICE</li> <li>3/17/2002 00:00 Safety meeting, RU pump truck, Run step rate test, Pump 10bbls, broke at 1220#. Use 262 bbls. of water. Started at . 7.bbls/1338#, j.bbls/1338#, 1.bbls/1338#, 1.5bbls/1307#, 1.7bbls/137# at about 32mins each. At hole press gauge set at mid perfs. RD pump an uvireline unit. Shut well in.</li> <li>3/18/2002 00:00 Safety meeting, RU wireline unit, RIH with composite plug set at 5100°. POOH with setting tool. RU pump truck, test to 3000#, tested data, RD pump an uvireline unit. Shut well in.</li> <li>3/18/2002 00:00 Safety meeting is to location from Valencia canyon #37. MIRU. Check pressures, no pressure. ND Frac valve. BOP's to 2502000 psi, both pipe and blind rams, OK (with A+ test equipment). WO truck 2 hours to spot float with 2/ 3/8*, 4.7#, J-55.EUE work sting. PU new 3 7/8* bit and 109 [ts tig of castion from Valencia Canyon #37. MIRU. Check pressures, no pressure. ND Frac valve. BOP's to 2502000 psi, both pipe and blind rams, OK (with A+ test equipment). WO truck 2 hours to spot float with 2/ 3/8*, 4.7#, J-55.EUE work sting. PU new 3 7/8* bit and 109 [ts tig to 50207(16) 5008*-5028* (80) Made 7 gun shots 456. RD wirell nevel well pressures, no pressure. RI H to 5091* with cag scraper. Fall protecticn device in derivic in derincick falie Aplace FP device. RU mast (lost</li></ul>	<ul> <li>3/16/2002 00:00 JICARILL 30 # 5</li> <li>FRAC THE POINT LOOKOUT</li> <li>HELD SAFETY MEETING. RU BJ SERVICES. FRAC THE POINT LOOKOUT. TESTED LINES TO 4800 #. SET POF 3450 #. PUMPED PRE PAD @ 41 BFM @ 150 #. STEPPED DOWN RATE TO 13 BFM @ 120 38 PM @ 2436 #. STEPPED DOWN RATE TO 14 BFM @ 1100 #. SINT 731 #. 10 MIN. 670 #. 15 MI FRAC THE POINT LOOKOUT W SLICKWATER 47, 180 # 2040 BRADY SAND. 1600 BBLS FLUID. AVG RATE 52 E PRES DLIVE 1922 #. MAX PRESSURE 3151 #. MAX SAND CONS 1.25 # PER GAL. ISIP 1200 #. FRAC GRADIENT RD BJ SERVICE</li> <li>3/17/2002 00:00 Safety meeting, RU pump truck, Run step rate test, Pump 10bbls, broke at 1220#. Use 262 bbls. of water. Started at 55 r. 7bbls/1336#, 9bbls/1283#, 1.1bbls/1336#, 1.3bbls / 1382#, 1.5bbls/1307#, 1.7bbls/1317# at about 32mins each. Also t hole press gauge set at mid perfs. RD pump an wireline unit. Shut well in.</li> <li>3/18/2002 00:00 Safety meeting, RU wireline. IR, RIH with perf gun, Perf as followed: 4672'467", 4SPF (24) 4880° 4696°, (64), (24) 4772'4782' (40) 4416'-4826' (40) 4912'-4916' (16) 4930'-4940 (40) 4996'-5000'(16) 5008'-5028' (80) Made 7 gun run shots 456. RD wireline-unit. Shut we in.</li> <li>4/15/2002 00:00 Safety mg, Check well pressures, no pressure. RIH 474 perf (16) 4930'-4940 (40) 4996'-5000'(16) 5008'-5028' (80) Made 7 gun run shots 456. RD wireline-unit. Shut we in.</li> <li>4/15/2002 00:00 Safety mg, Check well pressures, no pressure. ND Frac valve. NU BOP's to 250/2000 psi, both pipe and blind rame, OK (with A+ test equipment). WO truck 2 hours to spot float with 202 set 307. SUWON.</li> <li>4/16/2002 00:00 Safety mg, Check well pressures, no pressure. RIH to 5091' with ccg scraper. Fall protection device in derrick failed. Replace FP device. RU mast (tost 2 hours). POOH with csg scraper. TIH with 376' bit, x/o, and bg and tagged CBP (24) from wes. Grauting 4 1/2 bbits of water to spill onto location. Made out spill report. Called Eric Fransen. Ordered flow back tank from first thing in morning. POOH to 5077'. SMWON.</li> <li>4/1</li></ul>				
<ul> <li>FRAC THE POINT LOOKOUT</li> <li>HELD SAFETY MEETING. RU BJ SERVICES. FRAC THE POINT LOOKOUT. TESTED LINES TO 4800 #. SET F</li> <li>3450 #. PUMPED PRE PAD @ 41 BPM @ 3150 #. STEPPED DOWN RATE TO 33 BPM @ 2436 #. STEPPED DO</li> <li>22 BPM @ 1660 #. STEPPED DOWN RATE TO 11 BPM @ 1100 #. ISIP 1000 #. 5 MIN. 731 #. 10 MIN. 670 #. 15</li> <li>FRAC THE POINT LOOKOUT W SULCKWATER 47, 180 # 20140 BRADY SAND. 1600 BBLS FUID. AVC RATE 5</li> <li>PRESSURE 1932 #. MAX PRESSURE 3151 #. MAX SAND CONS 1.25 # PER GAL. ISIP 1200 #. FRAC GRADIEI RD BJ SERVICE</li> <li>3/17/2002 00:00</li> <li>Safety meeting, RU pump truck, Run step rate test, Pump 10bbls, broke at 1220#. Use 262 bbls. of water. Started at Toble/1338#, 9bbls/1283#, 1.1bbls/1338#, 1.3bbls / 1382#, 1.5bbls/1307#, 1.7bbls/1317# at about 32mins each. Alt hole press gauge set at mid perfs. RD pump an wireline unit. Shut well in.</li> <li>3/18/2002 00:00</li> <li>Safety meeting, RU wireline unit, RIH with composite plug set at 5100°. POOH with setting tool. RU pump truck, test to 3000#, tested dxay, RD pump truck. RIH with perf gun, Perf as followed: 4672'-4678', 458P' (24) 4880'- 4696', (6 (24) 4772'-4782' (40) 4816'-4826' (40) 4912'-4916' (16) 4930'-4940 (40) 4996'-5000'(16) 5008'-5028' (80) Made 7 gun shots 456. RD wirelineunit Shut we in.</li> <li>4/15/2002 00:00</li> <li>Safety meeting, RU environ from Valencia canyon #37. MIRU. Check pressures, no pressure. ND Frac valve. BOP's to 250/2000 psi, both pipe and blind rams, OK (with A+ test equipment). WC truck 2 hours to spot float with 2 J3/8'', 47.#, J-55.EUE work string. PU new 3 7/8' bit and 109 jts tig to 3414'. POH with bit and PU 4 1/2' crg scraper.</li> <li>4/16/2002 00:00</li> <li>Safety mtg. Check well pressures, no pressure. RIH to 5091' with csg scraper. Fall protection device in derrick faller Re Jservice. RU mast (lost 2 hours). POOH with sci scraper. Fall protection device in derrick faller Re Jservice. RU mast (lost 2 hours). POOH with csg scraper. Fall protection device in derrick faller S</li></ul>	<ul> <li>FRAC THE POINT LOOKOUT</li> <li>FRAC THE POINT LOOKOUT</li> <li>HELD SAFETY MEETING. RU BJ SERVICES. FRAC THE POINT LOOKOUT. TESTED LINES TO 4800 #. SET POF 3450 #. PUMPED PRE PAD @ 41 BPM @ 3150 #. STEPPED DOWN RATE TO 33 BPM @ 2436 #. STEPPED DOW 22 BPM @ 1680 #. STEPPED DOWN RATE TO 11 BPM @ 1100 #. SIPI 000 #. 5 MIN. 731 #. 10 MIN. 670 #. 15 MIN FRAC THE POINT LOOKOUT W SLICKWATER, 47,180 # 2040 BRADY SAND. 1600 BBLS FLUID. AVG RATE 52 PRESSURE 1932 #. MAX PRESSURE 3151 #. MAX SAND CONS 1.25 # PER GAL. ISIP 1200 #. FRAC GRADIENT RD BJ SERVICE</li> <li>3/17/2002 00:00</li> <li>Safety meeting, RU pump truck, Run step rate test, Pump 10bbls, broke at 1220#. Use 262 bbls. of water. Started at .5b .7bbls/1338#, 9bbls/1233#, 1. bbbs/1336#, 1.3bbls / 1362#, 1.5bbls/1307#, 1.7bbls/1317# at about 32mins each. Also 1 hole press gauge set at mid perfs. RD pump an wireline unt. Shut well in.</li> <li>Safety meeting, RU wireline unt. R1H with composite plug set at 5100. POOH with setting tool. RU pump truck, tested 0 to 3000£ tested okay. RD pump truck. R1H with perf gun, perf as followed: 4672-4678', 4SPF (24) 4880- 4896', (40) (24) 4772-4782' (24) 4816-4828' (40) 4912-4916' (16) 4930'-4940 (40) 4996'-5000'(16) 5008'-5028' (80) Made 7 gun ru shots 456. RD wireline-unit. R1H with perf gun, perf as followed: 4672-4678', 4SPF (24) 4880- 4896', (44) .20 Safety mig. Road rig to location from Valencia canyon #37. MIRU. Check pressures. ND Frac valve. NU BOP's to 5202000 Dis, both pipe and blind rams. OK (with A+ test equipment). WO truck 2 hours to spot float with 202 .38' 4.7#,J-55.EUE work string. PU new 3 7/8' bit and 109 jts tbg to 3414'. POH with bit and PU 4 1/2' csg scraper. SN 4/16/2002 00:00</li> <li>Safety mig. Check well pressures, no pressure. R1H to 5091' with csg scraper. Fill protection device in derrick falled. Replace FP device. R1U mast (lost 2 hours). PCOH with csg scraper. Fill protection device in derrick falled. 14/17/2002 00:00</li> <li>Safety mig. Bled down wel</li></ul>				
<ul> <li>3450 #, PUMPED PRE PAD @ 41 BPM @ 3150 #, STEPPED DOWN RATE TO 33 BPM @ 2436 #, STEPPED DO 22 BPM @ 1660 K, STEPPED DOWN RATE TO 11 BPM @ 1100 #, SIN 1701 #, IONIN, 670 #, 15 FRAC THE POINT LOOKOUT W/ SLICKWATER, 47,180 # 20/40 BRADY SAND. 1600 BBLS FLUID. AVG RATE 5 PRESSURE 1932 #, MAX PRESSURE 3151 #, MAX SAND CONS 1.25 # PER GAL. ISIP 1200 #, FRAC GRADIE RD BJ SERVICE</li> <li>3/17/2002 00:00 Safety meeting, RU pump truck, Run step rate test, Pump 10bbls, broke at 1220#. Use 262 bbls. of water. Started at 7bbls/1338#, 9bbls/1283#, 1.1bbls/1338#, 1.3bbls / 1382#, 1.5bbls/1307#, 1.7bbls/1317# at about 32mins each. Ak hole press gauge set at mid perfs. RD pump an wireline unit. Shut well in.</li> <li>3/18/2002 00:00 Safety meeting, RU wireline unit, RIH with composite plug set at 5100°. POCH with setting tool. RU pump truck, test to 3000#, tested okay, RD pump truck.</li> <li>3/18/2002 00:00 Safety meeting, RU wireline unit, RIH with composite plug set at 5100°. POCH with setting tool. RU pump truck, teste to 3000#, tested okay, RD pump truck.</li> <li>4/15/2002 00:00 Safety meeting, RU wireline unit, Shut we in.</li> <li>4/15/2002 00:00 Safety meting, RU wireline unit, Shut we in.</li> <li>4/15/2002 00:00 Safety mtg. Road rig to location from Valencia canyon #37. MIRU. Check pressures, no pressure. ND Frac valve. BOP's to 250/2000 psi, both pipe and blind rams, OK (with A+ test equipment). WO truck 2 hours to spot float with 2/ 3/8'.4.7#,J-55, EUE work string. PU new 3 7/8' bit and 109 its tig to 3414'. POH with bit and PU 4 1/2' ceg scraper.</li> <li>4/16/2002 00:00 Safety mtg. Road rig to location from Valencia canyon #37. MIRU. Check pressures, no pressure. IN Frac valve. BOP's to 250/2000 psi, both pipe and blind rams, OK (with A+ test equipment). WO truck 2 hours to spot float with 2/ 3/8'.4.7#,J-55, EUE work string. PU new 3 7/8' bit and 109 its tig to 3414'. POH with bit and PU 4 1/2' ceg scraper.</li> <li>4/16/2002 00:00 Safety mtg. Bied down well, hot 2 ho</li></ul>	<ul> <li>3450 #. PUMPED PRE PAD @ 41 BPM @ 3150 #. STEPPED DOWN RATE TO 33 BPM @ 2436 #. STEPPED DOWN         22 BPM @ 1606 #. STEPPED DOWN RATE TO 11 BPM @ 1100 #. ISIP 1000 #. 5 MIN. 670 #. 15 MIN         FRAC THE POINT LOOKOUT W/ SLICKWATER, 47,180 # 20/40 BRADY SAND. 1600 BBLS FLUID. AVG RATE 52 B         PRESSURE 1332 #. MAX PRESSURE 3151 #. MAX SAND CONS 1.25 # PER GAL. ISIP 1200 #. FRAC GRADIENT         RD BJ SERVICE         </li> <li>3/17/2002 00:00 Safety meeting, RU pump truck, Run step rate test, Pump 10bbls, broke at 1220#. Use 262 bbls. of water. Started at .5b         Tbbls/1338#, 9bbls/1283#, 1.1bbls/1338#, 1.3bbls / 1362#, 1.5bbls/1307#, 1.7bbls/1317# at about 32mins each. Also 1         hole press gauge set at mid perfs. RD pump an wireline unit. Shut well in.         S/18/2002 00:00 Safety meeting, RU wireline unit, RIH with oromosite plug set at 5100. POOH with setting tool. RU pump truck, tested          to 3000#, tested okay, RD pump truck. RIH with oromosite plug set at 5100. POOH with setting tool. RU pump truck, tested          to 3000#, tested okay, RD pump truck. RIH with orego un, Perf as folioved: 4672-4676', 4SPF (24) 4680', 4696', (64),         (24) 4772-4782' (40) 4916-4826' (40) 4912-4916' (16) 4930-4940 (40) 4996-5000(16) 5008'-5028' (60) Made 7 gun ru         shots 456. RD wirelineuni Shut we in.         4/15/2002 00:00 Safety mtg. Road rig to location from Valencia canyon #37. MIRU. Check pressures, no pressure. ND Frac valve. NU         BOP's to 250/2000 psi, both pipe and blind rams, CK (with A+ test equipment). WO truck 2 hours to spot float with 20 2 #         38'4.7#,J-55.EUE work string. PU new 37'6 bit and 109 is tab to 3414'. POH with bit and PU 4 112' cag scraper. Si         4/16/2002 00:00 Safety mtg. Check well pressures, no pressure. RIH to 5091' with csg scraper. Fall protection device in derrick failed. 1         Replace FP device. RU mast (lost 2 hours). POOH with tots of the PD 10 ge 5406'. Blow eat         S077'. SIWON.         4/18/2002 00:00 Safety m</li></ul>	5/10/2002 00.00			
<ul> <li>7bbis/1338#, 9bbis/1283#, 1.1bbis/1338#, 1.3bbis / 1382#, 1.5bbis/1307#, 1.7bbis/1317# at about 32mins each. At hole press gauge set at mid perfs. RD pump an wireline unit. Shut well in.</li> <li>3/18/2002 00:00</li> <li>Safety meeting, RU wireline unit, RIH with composite plug set at 5100°. POOH with setting tool. RU pump truck, teste to 3000#, tested okay, RD pump truck. RIH with perf gun, Perf as followed: 4672'-4678', 4SPF (24) 4680'- 4696', (24) 4772'-4782' (40) 4816'-4826' (40) 4912'-4916' (16) 4930'-4940 (40) 4996'-5000'(16) 5008'-5028' (80) Made 7 gun shots 456. RD wirelineunit Shut we in.</li> <li>4/15/2002 00:00</li> <li>Safety mtg. Road rig to location from Valencia canyon #37. MIRU. Check pressures, no pressure. ND Frac valve. BOP's to 250/2000 psi, both pipe and blind rams, OK (with A+ test equipment). WO truck 2 hours to spot float with 2(3/8", 4.7#, J-55, EUE work string. PU new 3 7/8" bit and 109 jts tog to 3414'. POH with bit and PU 4 1/2" csg scraper.</li> <li>4/16/2002 00:00</li> <li>Safety mtg. Check well pressures, no pressure. RIH to 5091' with csg scraper. Fall protection device in derrick failed CE RU swivel. Circulate hole with 40 bbls 2% KCL water and DO CBP (1/2 hour). Set back swivel. RIH and tag fill @ 52 5077'. SIWON.</li> <li>4/17/2002 00:00</li> <li>Safety mtg. Bied down well, had very litte pressure. RU swab tools and check for fluid level @ 300'. RD swab tools. Lay flow lines to flow back tank. Circ clean @ 2600'. Stage in to 5232'. PU swivel Co well to PBTD @ 5406'. Blow 'Pump 3 bbls foam sweep. SD N2. Load hole with 85 bbls 2% KCL water but could not get circulation. POOH to 510 TIH. No fill above PBTD @ 5406'. POOH and LD workstring. RD swivel. SiWON.</li> <li>4/19/2002 00:00</li> <li>Safety mtg. Spot new tbg float. Check pressure. RU swab tools and check for fluid level @ 300'. RD swab tools. Lay flow lines to flow back tank. Circ clean @ 2600'. Stage in to 5232'. PU swivel Co well to PBTD @ 5406'. Blow 'Pump 3 bbls foam sweep. SD N2. Load hole with 85 bbls 2% KCL</li></ul>	<ul> <li>7bbls/1336#, <sup>1</sup>9bbls/1283#, 1.1bbls/1338#, 1.3bbls / 1382#, 1.5bbls/1307#, 1.7bbls/1317# at about 32mins each. Also f hole press gauge set at mid perfs. RD pump an wireline unit. Shut well in.</li> <li>3/18/2002 00:00</li> <li>Safety meeting, RU wireline unit, RIH with composite plug set at 5100'. POOH with setting tool. RU pump truck, tested or 3000#, tested okay, RD pump truck. RIH with perf gun, Perf as followed: 4672'-4678', 4SPF (24) 4680'- 4696', (64), (24) 4772'-4782' (40) 4816'-4826' (40) 4912'-4916' (16) 4930'-4940 (40) 4996'-5000'(16) 5008'-5028' (80) Made 7 gun rur shots 456. RD wirelineunit Shut we in.</li> <li>4/15/2002 00:00</li> <li>Safety mtg. Road rig to location from Valencia canyon #37. MIRU. Check pressures, no pressure. ND Frac valve. NU BOP's to 250/2000 psi, both pipe and blind rams, OK (with A+ test equipment). WO truck 2 hours to spot float with 202 j 3/8'', 4.7#, J-55, EUE work string. PU new 3 7/8'' bit and 109 jts tbg to 3414'. POH with bit and PU 4 1/2'' csg scraper. SiX 4/16/2002 00:00</li> <li>Safety mtg. Check well pressures, no pressure. RIH to 5091' with csg scraper. Fall protection device in derrick failed. I Replace FP device. RU mast (lost 2 hours). POOH with csg scraper. TIH with 3 7/8'' bit, x/o, and tbg and tagged CBP (RU swivel. Circulate hole with 40 bbls 2% KCL water and DO CBP (1/2 hour). Set back swivel. RIH and tag fill @ 5248' 5077'. SIWON.</li> <li>4/18/2002 00:00</li> <li>Safety mtg. Bled down well, had very litte pressure. RU swab tools and check for fluid level @ 300'. RD swab tools. PC Lay flow lines to flow back tank. Circ clean @ 2600'. Stage in to 5232'. PU swivel CO will to PBTD @ 5406'. Blow wel Pump 3 bbls form sweps. DN 2. Load hole with 85 bbls 2% KCL water but could not get circulation. POOH to 5107'. TIH. No fill above PBTD @ 5406'. POOH and LD workstring. RD swivel. SIWON.</li> <li>4/19/2002 00:00</li> <li>Safety mtg. Spot new tbg float. Check pressures, no pressure. RIH with 4 1/2'' Baker AD-1 pkr w</li></ul>		HELD SAFETY MEETING. RU BJ SERVICES. FRAC THE POINT LOOKOUT. TESTED LINES TO 4800 #. SET POP ( 3450 #. PUMPED PRE PAD @ 41 BPM @ 3150 #. STEPPED DOWN RATE TO 33 BPM @ 2436 #. STEPPED DOWN 22 BPM @ 1660 #. STEPPED DOWN RATE TO 11 BPM @ 1100 #. ISIP 1000 #. 5 MIN. 731 #. 10 MIN. 670 #. 15 MIN. FRAC THE POINT LOOKOUT W/ SLICKWATER, 47,180 # 20/40 BRADY SAND. 1600 BBLS FLUID. AVG RATE 52 BP PRESSURE 1932 #. MAX PRESSURE 3151 #. MAX SAND CONS 1.25 # PER GAL. ISIP 1200 #. FRAC GRADIENT .6 RD BJ SERVICE		
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