UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

S. Lessen Number Springs 1. Type of Well GAS C. Name of Operator **BESURCES*** OIL & GAS COMPANY Agreement Name **Company Address & Phone No. of Operator PO Box 4299, Farmington, NM 87499 (505) 326-3976/LC. AD A Mark 2000 A Mark 2000 A Mell Name & Number San Juan 29-7 Unit Agreement Name **San Juan 29-7 Unit Mell No. 30-039-26222 **A Location of Well, Feotage, Sec., T. R. M. 10. Field and Pool Blanco MW/Basin Df 1500/FSL, 1850/FWL, Sec.5, T-29-N, R-7-W, NMPN 12. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA Type of Submission X Notice of Intent Abandonment X Change of Plans Type of Submission X Notice of Intent Abandonment X Change of Plans Recompletion Plugging Back Non-Routine Fracturing Casing Repair Water Shut off Casing Repair Water Shut off Final Abandonment X Altering Casing Conversion to Injection Other 13. Describe Proposed or Completed Operations It is intended to alter the approved casing depths and desent of the subject well as follows: **Revisions:** 13. Describe Proposed or Completed Operations It is intended to alter the approved casing depths and desent of the subject well as follows: **Revisions:** 13. Describe Proposed or Completed Operations It is intended to alter the approved casing depths and desent of the subject well as follows: **Revisions:** 13. Describe Proposed or Completed Operations It is intended to alter the approved casing depths and desent of the subject well as follows: **Revisions:** 13. Describe Proposed or Completed Operations It is intended to alter the approved casing depths and desent of the subject well as follows: **Revisions:** 13. Describe Proposed or Completed Operations It is intended to alter the approved casing depths and desent of the subject well as follows: **Revisions:** 13. Describe Proposed or Completed Operations It is intended to alter the approved casing depths and desent of the subject well as follows: **Revisions:** 13. Describe Proposed or Completed Operations It is intended to al		Sundry No	otices and Repo	rts on Wells	F11 0: 35	
Sep-078951 GAS 2. Name of Operator **RESOURCES*** OIL & GAS COMPANY 3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 32E97062. 4. Location of Well, Feotage, Sec., T. R. M 1500'FSL, 1850'FWL, Sec.5, T-29-N, R-7-W, NMPN 12. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA Type of Submission Abandonment X Change of Plans Recompletion Non-Routine Fracturing Casing Repair Water Shut off Final Abandonment Y Altering Casing Conversion to Injection Type of Submission Abandonment X Change of Plans Recompletion Non-Routine Fracturing Casing Repair Water Shut off Final Abandonment Other Type of Non-Routine Fracturing Abandonment Submission A Altering Casing Conversion to Injection Type of Action Type of Action Type of Action Non-Routine Fracturing Abandonment Submission A Subsequent Report Plunging Back Non-Routine Fracturing Casing Repair Water Shut off Conversion to Injection Type Weight Fluid Loss Type Office Shut Shut Shut Shut Shut Shut Shut Shut				- 75) 1.442	<u>+*</u>	Lease Number
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Tribe Name Unit Agreement Name San Juan 29-7 Unit Well No. 30-039-26222 Unit Well No. 30-03-26222 Unit State State Unit				F		
7. Name of Operator **RESOURCES*** OIL & GAS COMPANY **OBA 4289, Farmington, NM 87499 (505) 325-9706. **OB Company	1. Type of Well			U.S. in the second	· · · · · · · · · · · · · · · · · · ·	-
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S. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 32 9700 C	BURLIN	GZQN				
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 32 7060 20 3 3. Apr Well No. 30-039-2622 4. Location of Well, Footage, Sec., T, R, M 1500 FSL, 1850 FWL, Sec. 5, T-29-N, R-7-W, NMPN 11. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA Type of Submission Type of Submission X Notice of Intent Abandonment X Change of Plans Recompletion Subsequent Report Plugging Back Row Mon-Routine Fracturing Casing Repair Final Abandonment X Altering Casing Conversion to Injection Other 13. Describe Proposed or Completed Operations It is intended to alter the approved casing depths and cement of the subject well as follows: Revisions: Well Program: Well No. 30-039-2622 Field and Pool Blanco MV/Basin DF 11. County and State Rio Arriba Co, NM NoRoutine Fracturing Casing Repair Conversion to Injection Other - 13. Describe Proposed or Completed Operations It is intended to alter the approved casing depths and cement of the subject well as follows: Revisions: Well Loss No Control No Contro	RESOUR	CES or	L & GAS COMPANY	· ·	4	San Juan 29-7 Unit
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Recompletion New Construction Plugging Back Non-Routine Fracturing Casing Repair Water Shut off Conversion to Injection Other - 13. Describe Proposed or Completed Operations It is intended to alter the approved casing depths and cement of the subject well as follows: Revisions: Mud Program: Interval Type Weight Fluid Loss 0-200' Spud 8.4-9.0 No Control 200-206' ISND 8.4-9.0 No Control 200-206' Air/M.st n/a No Control 23266-7450' Air/M.st n/a No Control 23266-7450' Air/M.st n/a No Control 10-5/8" 0-3205' 8-5/8" 32* H-40 10-5/8" 0-3205' 8-5/8" 32* J-55 7-7/8" 3106-7450' 5-1/2" 15.50* J-55 7-1/8" 3106-7450' 5-1/2" 2.75* IJ Tubing Program: 0-5473' 1-1/2" 2.75* IJ 10-3/8" surface casing - 155 sx Class "8" cement with 0.25 pps flocele and 3% calcium chloride (417 cu.ft. of slurry, 200 excess to circulate to surface). 8-5/8" intermediate casing - Lead with 410 sx Class "8" cement with 3% sodium metasilicate, 5 pps Gilsonite, 19 pps flocele. Tail with 90 sx Class "8" cement with 2% sodium metasilicate, 2% calcium chloride, 5 pps Gilsonite, 10% excess to circulate to surface). 8-5/8" intermediate casing alternative two stage cement job) - 12* Stage with 196 sx Class "8" cement with 2% sodium metasilicate, 2% calcium chloride, 5 pps Gilsonite, 0.25 pps flocele. 27 calcium chloride, 5 pps Gilsonite, 0.25 pps flocele. 28* Calcium chloride, 5 pps Gilsonite, 0.25 pps flocele. 28* Calcium chloride, 5 pps Gilsonite, 0.25 pps flocele. 27* Stage with 347 sx Class "8" cement with 3% sodium metasilicate, 5 pps Gilsonite, 0.25 pps flocele. 5 pps gilsonite, 0.4% flu. 100s excess to circulate to surface). 8-5/8" intermediate casing alternative two stage cement job) - 12* Stage with 196 sx Class "8" cement with 3% sodium metasilicate, 5 pps Gilsonite, 0.25 pps flocele. 27* Stage with 347 sx Class "8" cement with 3% sodium metasilicate, 5 pps Gilsonite, 0.25 pps flocele. 5 pps gilsonite, 0.4% flu. 100s, 0.18* retardant (1054 cu.ft. of slurry, 100% excess to circulate to top of liner). 10-5-1/2" production liner - 8.7 sx Class "8" 50	X Notice	e of Intent	Abandor			
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Other - 13. Describe Proposed or Completed Operations It is intended to alter the approved casing depths and cement of the subject well as follows: Revisions: Mud Program: Interval Type Weight Fluid Loss 0-2000' Spud 8.4-9.0 No Control 200-2206' LSND 8.4-9.0 No Control 200-3206' LSND 8.4-9.0 No Control 200-3206' Air/M.st n/a n/a Casing Program: Hole Size Depth Interval Casing Size Weight Grade 13-3/8" 48# H-40 17-1/2" 0-200' 8-5/8" 32# J-55 10-5/8" 0-3205' 8-5/8" 32# J-55 10-5/8" 0-3205' 8-5/8" 32# J-55 10-7/8" 0-3450' 1-1/2" 2.75# IJ 10-1/2" 2.75# IJ 10-1/2" 2.90# EUE Cementing Program: 0-7450' 1-1/2" 2.90# EUE Cement with 3% sodium metasilicate, 5 pps Gilsonite, 1 pps flocele. Tail with 90 sx Class "B" cement with 2% sodium metasilicate, 2% calcium chloride, 5 pps Gilsonite, 3 and 0.25 pps flocele (1347 cu.ft. of slurry, 100# excess to circulate to surface). 8-5/8" intermediate casing 'alternative two stage cement job) - 1st Stage with 196 sx Class "B" cement with 2% sodium metasilicate, 2% calcium chloride, 5 pps Gilsonite and 0.25 pps flocele. 2nd Stage with 347 sx Class "B" cement with 3% sodium metasilicate, 5 pps Gilsonite, 0.25 pps flocele. Stage tool at 2405'. (1347 cu.ft. of slurry, 100% excess to circulate to surface). 8-1/2" production liner - 8.7 sx Class "B" 50/50 poz with 2% gel, 0.25 pps flocele, 5 pps gilsonite, 0.4% flu- 10ss, 0.1% retardant (1054 cu.ft. of slurry, 40% excess to circulate to top of liner). I hereby certify that the foregoing is true and c	_, _					
It is intended to alter the approved casing depths and cement of the subject well as follows: Revisions: Mid Program: Type Weight Fluid Loss Interval Spud 8.4-9.0 No Control 0-200' Spud 8.4-9.0 No Control 3206-7450' Air/Mist n/a n/a Zosing Program: Hole Size Depth Interval Spud 8-5/8" 32# J-55 T-1/2" 0-200' 8-5/8" 32# J-55 Tubing Program: Hole Size Depth Interval Spud 8-5/8" 32# J-55 Tubing Program: 0-3205' 8-5/8" 32# J-55 Tubing Program: 0-5473' 1-1/2" 2.75# IJ 0-7450' 5-1/2" 15.50# J-55 Tubing Program: 13-3/8" surface casing - 355 sx Class "B" cement with 0.25 pps flocele and 3% calcium chloride (417 cu.ft. of slurry, 200% excess to circulate to surface). 8-5/8" intermediate casing - Lead with 410 sx Class "B" cement with 3% sodium metasilicate, 5 pps Gilsonite,) pps flocele. Tail with 90 sx Class "B" cement with 2% sodium metasilicate, 2% calcium chloride, 5 pps Gilsonic, and 0.25 pps flocele (1347 cu.ft. of slurry, 100% excess to circulate two stage cement job) - 1** Stage with 196 sx Class "B" cement with 2% sodium metasilicate, 2% calcium chloride, 5 pps Gilsonite, and 0.25 pps flocele. Tail with 90 sx Class "B" cement with 2% sodium metasilicate, 5 pps Gilsonicate, 5 pps Gilsonice, and 0.25 pps flocele (1347 cu.ft. of slurry, 100% excess to circulate two stage cement job) - 1** Stage with 196 sx Class "B" cement with 2% sodium metasilicate, 2% calcium chloride, 5 pps Gilsonite, 0.25 pps flocele. 2** Stage with 347 sx Class "B" cement with 3% sodium metasilicate, 5 pps Gilsonite, 0.25 pps flocele. 2** Stage with 347 cu.ft. of slurry, 100% excess to circulate to surface). 5-1/2" production liner - 8.7* sx Class "B" 50/50 pps with 2% gel, 0.25 pps flocele, 5 pps gilsonite, 0.4% flurloss, 0.1% retardant (1054 cu.ft. of slurry, 40% excess to circulate to top of liner). 1 hereby certify that the foregoing is true and correct. Signed (DWS) Title Regulatory Administrator Date 1/24/00	Final	Abandonment		· · ·	COUVELSTON	o injection
It is intended to alter the approved casing depths and cement of the subject well as follows: Mud Program: Interval O-200' Spud S-49.0 No Control No Control No Control No Control O-200' Spud S-49.0 No Control No Control No Control No Control O-200' Spud S-49.0 No Control No Control No Control O-200' Casing Frogram: Hole Size Depth Interval O-200' S-5/8" 13-3/			Other -	•		
200-3206' LSND 8.4-9.0 No Control 3206-7450' Air/M.st n/a n/a n/a Role Size Depth Interval 13-3/8" Weight Grade 17-1/2" 0-200' 8-5/8" 32# J-55 10-5/8" 0-3205' 8-5/8" 32# J-55 10-5/8" 3106-7450' 5-1/2" 15.50# J-55 1-1/2" 2.75# IJ 0-7450' 1-1/2" 2.90# EUE Cementing Program: 13-3/8" surface casing - 35: sx Class "B" cement with 0.25 pps flocele and 3% calcium chloride (417 cu.ft. of slurry, 200% excess to circulate to surface). 8-5/8" intermediate casing - Lead with 410 sx Class "B" cement with 3% sodium metasilicate, 5 pps Gilsonite, 18-5/8" intermediate casing - Lead with 410 sx class "B" cement with 3% sodium metasilicate, 5 pps Gilsonite, 19 pps flocele. Tail with 90 sx Class "B" cement with 2% sodium metasilicate, 2% calcium chloride, 5 pps Gilsonite, 25-5/8" intermediate casing alternative two stage cement job) - 1st Stage with 196 sx Class "B" cement with 2% sodium metasilicate, 2% calcium chloride, 5 pps Gilsonite, 10 pps flocele (1347 cu.ft. of slurry, 100% excess to circulate to surface). 8-5/8" intermediate casing alternative two stage cement job) - 1st Stage with 196 sx Class "B" cement with 2% sodium metasilicate, 2% calcium chloride, 5 pps Gilsonite and 0.25 pps flocele. 2nd Stage with 347 sx Class "B" cement with 3% sodium metasilicate, 5 pps Gilsonite and 0.25 pps flocele. 2nd Stage with 347 sx Class "B" cement with 3% sodium metasilicate, 5 pps Gilsonite, 0.25 pps flocele. 2nd Stage with 347 sx Class "B" cement with 3% sodium metasilicate, 5 pps Gilsonite, 0.25 pps flocele, 5 pps gilsonite, 0.4% flusos, 0.1% retardant (1054 cu.ft. of slurry, 40% excess to circulate to top of liner). Wellhead: 13-3/8" x 8-5/8" x 1-1/2" EUE x 1-1/2" IJ x 5000 psi tree assembly. I hereby certify that the foregoing is true and correct. Signed (DWS) Title Regulatory Administrator Date 1/24/00	13. Describe Pr	roposed or Co ter the approved	ompleted Operation of the casing depths and	cons	oject well as f	ollows:
200-306 2306-7450' Air/M.st n/a n/a 2326-7450' Air/M.st n/a n/a 2326-7450' Air/M.st n/a n/a 2326-7450' Air/M.st n/a n/a 2326-7450' Air/M.st n/a n/a 10-51/2" 0-200' 13-3/8" 48# H-40 10-5/8" 0-3205' 8-5/8" 32# J-55 7-7/8" 3106-7450' 5-1/2" 15.50# J-55 Tubing Program: 0-5473' 1-1/2" 2.75# IJ 2.79# EUE Cementing Program: 13-3/8" surface casing - 353 sx Class "B" cement with 0.25 pps flocele and 3% calcium chloride (417 cu.ft. of slurry, 20% excess to circulate to surface). 8-5/8" intermediate casing - Lead with 410 sx Class "B" cement with 3% sodium metasilicate, 5 pps Gilsonite, pps flocele. Tail with 90 sx Class "B" cement with 2% sodium metasilicate, 2% calcium chloride, 5 pps Gilson and 0.25 pps flocele (1347 cu.ft. of slurry, 100% excess to circulate to surface). 8-5/8" intermediate casing alternative two stage cement job) - 1st Stage with 196 sx Class "B" cement with 2% sodium metasilicate, 2% calcium chloride, 5 pps Gilsonite, 0.25 pps flocele. 2nd Stage with 347 sx Class "B" cement with 3% sodium metasilicate, 5 pps Gilsonite, 0.25 pps flocele. 2nd Stage with 347 sx Class "B" cement with 3% sodium metasilicate, 5 pps Gilsonite, 0.25 pps flocele. 2nd Stage with 347 sx Class "B" cement with 3% sodium metasilicate, 5 pps Gilsonite, 0.25 pps flocele. 2nd Stage with 347 sx Class "B" cement with 3% sodium metasilicate, 5 pps Gilsonite, 0.25 pps flocele. 5 pps gilsonite, 0.4% fluxloss, 0.1% retardant (1054 cu.ft. of slurry, 40% excess to circulate to top of liner). Wellhead: 13-3/8" x 8-5/8" x 1-1/2" EUE x 1-1/2" IJ x 5000 psi tree assembly. I hereby certify that the foregoing is true and correct. Signed (DWS) Title Regulatory Administrator Date 1/24/00	It is intended to alt Revisions: Mud Program: Interval	ter the approved	d casing depths and Weight	Fluid Loss	oject well as f	follows:
Casing Program: Hole Size Depth Interval 13-3/8" Hole Size 10-200' 13-3/8" 13-3/8" Hole Size 10-200' 10-5/8" 10-3205' 10-5/8" 10-3205' 10-5/8" 10-5/8" 10-5473' 10-1/2" 10-5473' 10-7450' 10-7450' 10-7450' 10-7450' 10-7450' 10-7450' 10-7450' 10-7450' 10-1/2" 10-90# EUE Cementing Program: 13-3/8" surface casing - 353 sx Class "B" cement with 0.25 pps flocele and 3% calcium chloride (417 cu.ft. of slurry, 200% excess to circulate to surface). 8-5/8" intermediate casing - Lead with 410 sx Class "B" cement with 3% sodium metasilicate, 5 pps Gilsonite, 10-20 pps flocele. Tail with 90 sx Class "B" cement with 2% sodium metasilicate, 2% calcium chloride, 5 pps Gilsonite and 0.25 pps flocele (1347 cu.ft. of slurry, 100% excess to circulate to surface). 8-5/8" intermediate casing alternative two stage cement job) - 1st Stage with 196 sx Class "B" cement with 2% sodium metasilicate, 2% calcium chloride, 5 pps Gilsonite and 0.25 pps flocele. 2 nd Stage with 347 sx Class "B cement with 3% sodium metasilicate, 5 pps Gilsonite, 0.25 pps flocele. 2 nd Stage with 347 sx Class "B cement with 3% sodium metasilicate, 5 pps Gilsonite, 0.25 pps flocele. Stage tool at 2405'. (1347 cu.ft. of slurry, 100% excess to circulate to surface). 8-1/2" production liner - 817 sx Class "B" 50/50 poz with 2% gel, 0.25 pps flocele, 5 pps gilsonite, 0.4% flurioss, 0.1% retardant (1054 cu.ft. of slurry, 40% excess to circulate to top of liner). Wellhead: 13-3/8" x 8-5/8" x 1-1/2" EUE x 1-1/2" IJ x 5000 psi tree assembly. I hereby certify that the foregoing is true and correct. Signed (DWS) Title Regulatory Administrator Date 1/24/00	It is intended to alt Revisions: Mud Program: Interval 0-200'	er the approved Type Spud	Weight 8.4-9.0	Fluid Loss No Control	oject well as f	follows:
Hole Size 17-1/2" 0-200' 13-3/8" 48# H-40 10-5/8" 32# J-55 10-5/8" 3106-7450' 5-1/2" 15-50# J-7/8" 3106-7450' 1-1/2" 2.75# IJ 0-7450' 11-1/2" 2.90# EUE Cementing Program: 13-3/8" surface casing - 353 sx Class "B" cement with 0.25 pps flocele and 3% calcium chloride (417 cu.ft. of slurry, 200% excess to circulate to surface). 8-5/8" intermediate casing - Lead with 410 sx Class "B" cement with 3% sodium metasilicate, 5 pps Gilsonite, 9ps flocele. Tail with 90 sx Class "B" cement with 2% sodium metasilicate, 2% calcium chloride, 5 pps Gilson and 0.25 pps flocele (1347 cu.ft. of slurry, 100% excess to circulate to surface). 8-5/8" intermediate casing alternative two stage cement job) - 1st Stage with 196 sx Class "B" cement with 2% sodium metasilicate, 2% calcium chloride, 5 pps Gilsonite and 0.25 pps flocele. 2nd Stage with 347 sx Class "B" cement with 3% sodium metasilicate, 2% calcium chloride, 5 pps Gilsonite and 0.25 pps flocele. 2nd Stage with 347 sx Class "B" cement with 3% sodium metasilicate, 5 pps Gilsonite, 0.25 pps flocele. Stage tool at 2405'. (1347 cu.ft. of slurry, 100% excess to circulate to surface). 8-5/1/2" production liner - 817 sx Class "B" 50/50 poz with 2% gel, 0.25 pps flocele, 5 pps gilsonite, 0.4% flurloss, 0.1% retardant (1054 cu.ft. of slurry, 40% excess to circulate to top of liner). Wellhead: 13-3/8" x 8-5/8" x 1-1/2" EUE x 1-1/2" IJ x 5000 psi tree assembly. I hereby certify that the foregoing is true and correct. Signed (DWS) Title Regulatory Administrator Date 1/24/00	It is intended to alt Revisions: Mud Program: Interval 0-200' 200-3206'	Type Spud LSND	Weight 8.4-9.0 8.4-9.0	Fluid Loss No Control No Control	oject well as f	follows:
17-1/2" 10-5/8" 10-5/8" 10-3205' 8-5/8" 32# J-55 7-7/8" 3106-7450' 5-1/2" 15.50# J-55 Tubing Program: 0-5473' 1-1/2" 2.75# IJ Cementing Program: 13-3/8" surface casing - 353 sx Class "B" cement with 0.25 pps flocele and 3% calcium chloride (417 cu.ft. of slurry, 200% excess to circulate to surface). 8-5/8" intermediate casing - 12 and with 410 sx Class "B" cement with 3% sodium metasilicate, 5 pps Gilsonite, pps flocele. Tail with 90 sx Class "B" cement with 2% sodium metasilicate, 2% calcium chloride, 5 pps Gilson and 0.25 pps flocele (1347 cu.ft. of slurry, 100% excess to circulate to surface). 8-5/8" intermediate casing alternative two stage cement job) - 1st Stage with 196 sx Class "B" cement with 2% sodium metasilicate, 2% calcium chloride, 5 pps Gilsonite and 0.25 pps flocele. 2nd Stage with 347 sx Class "B cement with 3% sodium metasilicate, 5 pps Gilsonite, 0.25 pps flocele. Stage tool at 2405'. (1347 cu.ft. of slurry, 100% excess to circulate to surface). 5-1/2" production liner - 8:7 sx Class "B" 50/50 poz with 2% gel, 0.25 pps flocele, 5 pps gilsonite, 0.4% flurioss, 0.1% retardant (1054 cu.ft. of slurry, 40% excess to circulate to top of liner). I hereby certify that the foregoing is true and correct. Signed (DWS) Title Regulatory Administrator Date 1/24/00	It is intended to alt Revisions: Mud Program: Interval 0-200' 200-3206' 3206-7450'	Type Spud LSND	Weight 8.4-9.0 8.4-9.0	Fluid Loss No Control No Control	oject well as f	follows:
10-5/8" 3106-7450' 5-1/2" 15.50# J-55 Tubing Program: 0-5473' 1-1/2" 2.75# IJ Cementing Program: 0-7450' 1-1/2" 2.90# EUE Cementing Program: 13-3/8" surface casing - 353 sx Class "B" cement with 0.25 pps flocele and 3% calcium chloride (417 cu.ft. of slurry, 200% excess to circulate to surface). 8-5/8" intermediate casing - Lead with 410 sx Class "B" cement with 3% sodium metasilicate, 5 pps Gilsonite, 19 pps flocele. Tail with 90 sx Class "B" cement with 2% sodium metasilicate, 2% calcium chloride, 5 pps Gilson and 0.25 pps flocele (1347 cu.ft. of slurry, 100% excess to circulate to surface). 8-5/8" intermediate casing 'alternative two stage cement job) - 1st Stage with 196 sx Class "B" cement with 2% sodium metasilicate, 2% calcium chloride, 5 pps Gilsonite and 0.25 pps flocele. 2nd Stage with 347 sx Class "B" cement with 3% sodium metasilicate, 5 pps Gilsonite, 0.25 pps flocele. 2nd Stage with 347 sx Class "B" cement with 3% sodium metasilicate, 5 pps Gilsonite, 0.25 pps flocele. Stage tool at 2405". (1347 cu.ft. of slurry, 100% excess to circulate to surface). 5-1/2" production liner - 8.7 sx Class "B" 50/50 poz with 2% gel, 0.25 pps flocele, 5 pps gilsonite, 0.4% flurioss, 0.1% retardant (1054 cu.ft. of slurry, 40% excess to circulate to top of liner). Wellhead: 13-3/8" x 8-5/8" x 1-1/2" EUE x 1-1/2" IJ x 5000 psi tree assembly. I hereby certify that the foregoing is true and correct. Signed (DWS) Title Regulatory Administrator Date 1/24/00	It is intended to alt Revisions: Mud Program: Interval 0-200' 200-3206' 3206-7450' Casing Program:	Type Spud LSND Air/M.st	Weight 8.4-9.0 8.4-9.0 n/a	Fluid Loss No Control No Control n/a	<u>Grade</u>	follows:
Tubing Program: 0-5473' 1-1/2" 2.75# IJ 0-7450' 1-1/2" 2.90# EUE Cementing Program: 13-3/8" surface casing - 353 sx Class "B" cement with 0.25 pps flocele and 3% calcium chloride (417 cu.ft. of slurry, 200% excess to circulate to surface). 8-5/8" intermediate casing - Lead with 410 sx Class "B" cement with 3% sodium metasilicate, 5 pps Gilsonite, pps flocele. Tail with 90 sx Class "B" cement with 2% sodium metasilicate, 2% calcium chloride, 5 pps Gilsonite and 0.25 pps flocele (1347 cu.ft. of slurry, 100% excess to circulate to surface). 8-5/8" intermediate casing alternative two stage cement job) - 1st Stage with 196 sx Class "B" cement with 2% sodium metasilicate, 2% calcium chloride, 5 pps Gilsonite and 0.25 pps flocele. 2nd Stage with 347 sx Class "B" cement with 3% sodium metasilicate, 5 pps Gilsonite and 0.25 pps flocele. 2nd Stage with 347 sx Class "B" cement with 3% sodium metasilicate, 5 pps Gilsonite, 0.25 pps flocele. Stage tool at 2405'. (1347 cu.ft. of slurry, 100% excess to circulate to surface). 5-1/2" production liner - 817 sx Class "B" 50/50 poz with 2% gel, 0.25 pps flocele, 5 pps gilsonite, 0.4% flurioss, 0.1% retardant (1054 cu.ft. of slurry, 40% excess to circulate to top of liner). Wellhead: 13-3/8" x 8-5/8" x 1-1/2" EUE x 1-1/2" IJ x 5000 psi tree assembly. I hereby certify that the foregoing is true and correct. Signed (DWS) Title Regulatory Administrator Date 1/24/00	It is intended to alt Revisions: Mud Program: Interval 0-200' 200-3206' 3206-7450' Casing Program: Hole Size	Type Spud LSND Air/M:st Depth Interva	Weight 8.4-9.0 8.4-9.0 n/a Casing Si	Fluid Loss No Control No Control n/a Ze Weight	Grade H-40	follows:
Cementing Program: 0-7450' 1-1/2" 2.90# EUE Cementing Program: 13-3/8" surface Casing - 353 sx Class "B" cement with 0.25 pps flocele and 3% calcium chloride (417 cu.ft. of slurry, 200% excess to circulate to surface). 8-5/8" intermediate casing - Lead with 410 sx Class "B" cement with 3% sodium metasilicate, 5 pps Gilsonite, pps flocele. Tail with 90 sx Class "B" cement with 2% sodium metasilicate, 2% calcium chloride, 5 pps Gilsonite, and 0.25 pps flocele (1347 cu.ft. of slurry, 100% excess to circulate to surface). 8-5/8" intermediate casing ralternative two stage cement job) - 1st Stage with 196 sx Class "B" cement with 2% sodium metasilicate, 2% calcium chloride, 5 pps Gilsonite and 0.25 pps flocele. 2nd Stage with 347 sx Class "B" cement with 3% sodium metasilicate, 5 pps Gilsonite, 0.25 pps flocele. Stage tool at 2405". (1347 cu.ft. of slurry, 100% excess to circulate to surface). 5-1/2" production liner - 817 sx Class "B" 50/50 poz with 2% gel, 0.25 pps flocele, 5 pps gilsonite, 0.4% flux loss, 0.1% retardant (1054 cu.ft. of slurry, 40% excess to circulate to top of liner). Wellhead: 13-3/8" x 8-5/8" x 1-1/2" EUE x 1-1/2" IJ x 5000 psi tree assembly. I hereby certify that the foregoing is true and correct. Signed (DWS) Title Regulatory Administrator Date 1/24/00	It is intended to alt Revisions: Mud Program: Interval 0-200' 200-3206' 3206-7450' Casing Program: Hole Size 17-1/2"	Type Spud LSND Air/M.st Depth Interva 0-200'	Weight 8.4-9.0 8.4-9.0 n/a Casing Si 13-3/8" 8-5/8"	Fluid Loss No Control No Control n/a ze Weight 48# 32#	<u>Grade</u> H-40 J-55	follows:
Cementing Program: 13-3/8" surface casing - 353 sx Class "B" cement with 0.25 pps flocele and 3% calcium chloride (417 cu.ft. of slurry, 200% excess to circulate to surface). 8-5/8" intermediate casing - Lead with 410 sx Class "B" cement with 3% sodium metasilicate, 5 pps Gilsonite, 1) pps flocele. Tail with 90 sx Class "B" cement with 2% sodium metasilicate, 2% calcium chloride, 5 pps Gilsonite and 0.25 pps flocele (1347 cu.ft. of slurry, 100% excess to circulate to surface). 8-5/8" intermediate casing calternative two stage cement job) - 1st Stage with 196 sx Class "B" cement with 2% sodium metasilicate, 2% calcium chloride, 5 pps Gilsonite and 0.25 pps flocele. 2nd Stage with 347 sx Class "B" cement with 3% sodium metasilicate, 5 pps Gilsonite, 0.25 pps flocele. 2nd Stage with 347 sx Class "B" cement with 3% sodium metasilicate, 5 pps Gilsonite, 0.25 pps flocele. Stage tool at 2405". (1347 cu.ft. of slurry, 100% excess to circulate to surface). 5-1/2" production liner - 8.7 sx Class "B" 50/50 poz with 2% gel, 0.25 pps flocele, 5 pps gilsonite, 0.4% flux loss, 0.1% retardant (1054 cu.ft. of slurry, 40% excess to circulate to top of liner). Wellhead: 13-3/8" x 8-5/8" x 1-1/2" EUE x 1-1/2" IJ x 5000 psi tree assembly. I hereby certify that the foregoing is true and correct. Signed (DWS) Title Regulatory Administrator Date 1/24/00	It is intended to alt Revisions: Mud Program: Interval 0-200' 200-3206' 3206-7450' Casing Program: Hole Size 17-1/2" 10-5/8"	Type Spud LSND Air/M.st Depth Interva 0-200' 0-3205'	Weight 8.4-9.0 8.4-9.0 n/a Casing Si 13-3/8" 8-5/8" 5-1/2"	Fluid Loss No Control No Control n/a Weight 48# 32# 15.50#	<u>Grade</u> H-40 J-55	follows:
13-3/8" surface casing - 353 sx Class "B" cement with 0.25 pps flocele and 3% Calcrum Chloride (47 Cu.ft. of slurry, 200% excess to circulate to surface). 8-5/8" intermediate casing - Lead with 410 sx Class "B" cement with 3% sodium metasilicate, 5 pps Gilsonite, pps flocele. Tail with 90 sx Class "B" cement with 2% sodium metasilicate, 2% calcium chloride, 5 pps Gilson and 0.25 pps flocele (1347 cu.ft. of slurry, 100% excess to circulate to surface). 8-5/8" intermediate casing lalternative two stage cement job) - 1st Stage with 196 sx Class "B" cement with 2% sodium metasilicate, 2% calcium chloride, 5 pps Gilsonite and 0.25 pps flocele. 2nd Stage with 347 sx Class "B sodium metasilicate, 5 pps Gilsonite, 0.25 pps flocele. Stage tool at 2405". (1347 cu.ft. of slurry, 100% excess to circulate to surface). 5-1/2" production liner - 817 sx Class "B" 50/50 poz with 2% gel, 0.25 pps flocele, 5 pps gilsonite, 0.4% flux loss, 0.1% retardant (1054 cu.ft. of slurry, 40% excess to circulate to top of liner). Wellhead: 13-3/8" x 8-5/8" x 1-1/2" EUE x 1-1/2" IJ x 5000 psi tree assembly. I hereby certify that the foregoing is true and correct. Signed (DWS) Title Regulatory Administrator Date 1/24/00	It is intended to alt Revisions: Mud Program: Interval 0-200' 200-3206' 3206-7450' Casing Program: Hole Size 17-1/2" 10-5/8" 7-7/8"	Type Spud LSND Air/MLst Depth Interva 0-200' 0-3205' 3106-7450' 0-5473'	Weight 8.4-9.0 8.4-9.0 n/a Casing Si 13-3/8" 8-5/8" 5-1/2" 1-1/2"	Fluid Loss No Control No Control n/a ze Weight 48# 32# 15.50# 2.75# IJ	<u>Grade</u> H-40 J-55	follows:
cement with 3% sodium metasilicate, 5 pps Gilsonite, 0.25 pps flocele. Stage tool at 2403. (1547 cu.ft. of slurry, 100% excess to circulate to surface). 5-1/2" production liner - 817 sx Class "B" 50/50 poz with 2% gel, 0.25 pps flocele, 5 pps gilsonite, 0.4% fluctions, 0.1% retardant (1054 cu.ft. of slurry, 40% excess to circulate to top of liner). Wellhead: 13-3/8" x 8-5/8" x 1-1/2" EUE x 1-1/2" IJ x 5000 psi tree assembly. I hereby certify that the foregoing is true and correct. Signed (DWS) Title Regulatory Administrator Date 1/24/00 no	It is intended to alt Revisions: Mud Program: Interval 0-200' 200-3206' 3206-7450' Casing Program: Hole Size 17-1/2" 10-5/8" 7-7/8" Tubing Program:	Type Spud LSND Air/MLst Depth Interva 0-200' 0-3205' 3106-7450' 0-5473' 0-7450'	Weight 8.4-9.0 8.4-9.0 n/a Casing Si 13-3/8" 8-5/8" 5-1/2" 1-1/2" 1-1/2"	Fluid Loss No Control No Control n/a Ze Weight 48# 32# 15.50# 2.75# IJ 2.90# EUE	Grade H-40 J-55 J-55	
slurry, 100% excess to circulate to surface). 5-1/2" production liner - 817 sx Class "B" 50/50 poz with 2% gel, 0.25 pps flocele, 5 pps gilsonite, 0.4% flurious, 0.1% retardant (1054 cu.ft. of slurry, 40% excess to circulate to top of liner). Wellhead: 13-3/8" x 8-5/8" x 1-1/2" EUE x 1-1/2" IJ x 5000 psi tree assembly. I hereby certify that the foregoing is true and correct. Signed (DWS) Title Regulatory Administrator Date 1/24/00 no	It is intended to alteredistons: Mud Program: Interval 0-200' 200-3206' 3206-7450' Casing Program: Hole Size 17-1/2" 10-5/8" 7-7/8" Tubing Program: Cementing Program: 13-3/8" surface casing slurry, 200% excess 8-5/8" intermediate pps flocele 8-5/8" intermediate 6-5/8" intermediate 6-5/8" intermediate 6-5/8"	Type Spud LSND Air/M.st Depth Interva 0-200' 0-3205' 3106-7450' 0-5473' 0-7450' ng - 353 sx Clast to circulate to casing - Lead wi ith 90 sx Class (1347 cu.ft. of casing alternat	Weight 8.4-9.0 8.4-9.0 n/a Casing Si 13-3/8" 8-5/8" 5-1/2" 1-1/2" 1-1/2" ss "B" cement with surface). ith 410 sx Class "B "B" cement with 2% f slurry, 100% excetive two stage cement with stage cement wi	Fluid Loss No Control No Control No Control 1/a Ze Weight 48# 32# 15.50# 2.75# IJ 2.90# EUE 0.25 pps flocele " cement with 3% sodium metasilic ss to circulate t nt job) - 1st Stag ite and 0.25 pps	Grade H-40 J-55 J-55 and 3% calcium sodium metasil: ate, 2% calcium o surface). ge with 196 sx	chloride (417 cu.ft. of icate, 5 pps Gilsonite,).n chloride, 5 pps Gilson t
5-1/2" production liner - 817 sx Class "B" 50/50 poz with 2% get, 0.25 pps libeter, 3 pps glisolite, 0.44 loss, 0.1% retardant (1054 cu.ft. of slurry, 40% excess to circulate to top of liner). Wellhead: 13-3/8" x 8-5/8" x 1-1/2" EUE x 1-1/2" IJ x 5000 psi tree assembly. I hereby certify that the foregoing is true and correct. Signed (DWS) Title Regulatory Administrator Date 1/24/00 no	It is intended to alterevisions: Mud Program: Interval 0-200' 200-3206' 3206-7450' Casing Program: Hole Size 17-1/2" 10-5/8" 7-7/8" Tubing Program: Cementing Program: 13-3/8" surface casis slurry, 200% excess 8-5/8" intermediate pps flocele. Tail wand 0.25 pps flocele 8-5/8" intermediate sodium metasilicate, cement with 3% sodium	Type Spud LSND Air/Mist Depth Interva 0-200' 0-3205' 3106-7450' 0-5473' 0-7450' ng - 353 sx Class to circulate to casing - Lead wi ith 90 sx Class (1347 cu.ft. of casing 'alternat' 2% calcium chlo	Weight 8.4-9.0 8.4-9.0 n/a Casing Si 13-3/8" 8-5/8" 5-1/2" 1-1/2" 1-1/2" 1-1/2" ss "B" cement with surface). ith 410 sx Class "B "B" cement with 2% f slurry, 100% excetive two stage ceme oride, 5 pps Gilson 5 pps Gilsonite, 0	Fluid Loss No Control No Control No Control 1/a Ze Weight 48# 32# 15.50# 2.75# IJ 2.90# EUE 0.25 pps flocele " cement with 3% sodium metasilic ss to circulate t nt job) - 1st Stag ite and 0.25 pps	Grade H-40 J-55 J-55 and 3% calcium sodium metasil: ate, 2% calcium o surface). ge with 196 sx	chloride (417 cu.ft. of icate, 5 pps Gilsonite,).n chloride, 5 pps Gilson t
I hereby certify that the foregoing is true and correct. Signed Liquit (DWS) Title Regulatory Administrator Date 1/24/00	It is intended to alteredistons: Mud Program: Interval 0-200' 200-3206' 3206-7450' Casing Program: Hole Size 17-1/2" 10-5/8" 7-7/8" Tubing Program: Cementing Program: 13-3/8" surface casis slurry, 200% excess 8-5/8" intermediate ops flocele. Tail wand 0.25 pps flocele sodium metasilicate, cement with 3% sodium	Type Spud LSND Air/Mist Depth Interva 0-200' 0-3206' 3106-7450' 0-5473' 0-7450' ng - 353 sx Clasto circulate to casing - Lead with 90 sx Class (1347 cu.ft. of casing alternat 2% calcium chlom metasilicate,	Weight 8.4-9.0 8.4-9.0 n/a Casing Si 13-3/8" 8-5/8" 5-1/2" 1-1/2" 1-1/2" ss "B" cement with surface). ith 410 sx Class "B" "B" cement with 2% cement with 2% cement with 2% cement with 2% centive two stage cemeoride, 5 pps Gilson 5 pps Gilsonite, 0	Fluid Loss No Control No Control n/a Ze Weight 48# 32# 15.50# 2.75# IJ 2.90# EUE 0.25 pps flocele " cement with 3% sodium metasilic ss to circulate t nt job) - 1st Stagite and 0.25 pps .25 pps flocele.	Grade H-40 J-55 J-55 and 3% calcium sodium metasil: ate, 2% calcium o surface). ge with 196 sx flocele. 2 nd S Stage tool at	chloride (417 cu.ft. of icate, 5 pps Gilsonite,). n chloride, 5 pps Gilson t Class "B" cement with 2% tage with 347 sx Class "B" 2405'. (1347 cu.ft. of
Wellhead: 13-3/8" x 8-5/8" x 1-1/2" EUE x 1-1/2" IJ x 5000 psi tree assembly. I hereby certify that the foregoing is true and correct. Signed (DWS) Title Regulatory Administrator Date 1/24/00	It is intended to altered Revisions: Mud Program: Interval 0-200' 200-3206' 3206-7450' Casing Program: Hole Size 17-1/2" 10-5/8" 7-7/8" Tubing Program: Cementing Program: 13-3/8" surface casis slurry, 200% excess 8-5/8" intermediate pps flocele. Tail wand 0.25 pps flocele 8-5/8" intermediate sodium metasilicate, cement with 3% sodium slurry, 100% excess	Type Spud LSND Air/Mist Depth Interva 0-200' 0-3205' 3106-7450' 0-5473' 0-7450' ng - 353 sx Clasto circulate to casing - Lead with 90 sx Class (1347 cu.ft. od casing alternat 2% calcium chlom metasilicate, to circulate to corculate to casing alternat 2% calcium chlom metasilicate, to circulate to circ	Weight 8.4-9.0 8.4-9.0 n/a Casing Si 13-3/8" 8-5/8" 5-1/2" 1-1/2" 1-1/2" 1-1/2" ss "B" cement with surface). ith 410 sx Class "B "B" cement with 2% f slurry, 100% excetive two stage ceme oride, 5 pps Gilson 5 pps Gilsonite, 0 surface).	Fluid Loss No Control No Control No Control 1/48# 32# 15.50# 2.75# IJ 2.90# EUE 0.25 pps flocele " cement with 3% sodium metasilic ss to circulate t nt job) - 1st Stag ite and 0.25 pps .25 pps flocele.	Grade H-40 J-55 J-55 and 3% calcium sodium metasil: ate, 2% calcium o surface). ge with 196 sx flocele. 2 nd S Stage tool at	chloride (417 cu.ft. of icate, 5 pps Gilsonite,). In chloride, 5 pps Gilson the Class "B" cement with 2% tage with 347 sx Class "B" 2405'. (1347 cu.ft. of pps gilsonite, 0.4% flux
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no no	It is intended to alterevisions: Mud Program: Interval 0-200' 200-3206' 3206-7450' Casing Program: Hole Size 17-1/2" 10-5/8" 7-7/8" Tubing Program: Cementing Program: 13-3/8" surface casis slurry, 200% excess 8-5/8" intermediate pps flocele. Tail wand 0.25 pps flocele 8-5/8" intermediate sodium metasilicate, cement with 3% sodium slurry, 100% excess 5-1/2" production li loss, 0.1% retardant	Type Spud LSND Air/Mist Depth Interva 0-200' 0-3205' 3106-7450' 0-5473' 0-7450' ng - 353 sx Clasto circulate to casing - Lead with 90 sx Class (1347 cu.ft. of casing laternat 2% calcium chlom metasilicate, to circulate to ner - 817 sx Clast (1054 cu.ft. of casing laternat 2% calcium chlom metasilicate, to circulate to ner - 817 sx Clast (1054 cu.ft. of casing laternat chlom metasilicate, to circulate to ner - 817 sx Clast (1054 cu.ft. of casing laternat chlom metasilicate, to circulate to ner - 817 sx Clast (1054 cu.ft. of casing laternat chlom metasilicate, to circulate to ner - 817 sx Clast (1054 cu.ft. of casing laternat chlom metasilicate, to circulate to ner - 817 sx Clast (1054 cu.ft. of casing laternat chlom metasilicate, to circulate to ner - 817 sx Clast (1054 cu.ft. of casing laternat chlom metasilicate, to circulate to ner - 817 sx Clast (1054 cu.ft. of casing laternat chlom metasilicate, to circulate to ner - 817 sx Clast (1054 cu.ft. of casing laternat chlom metasilicate, to circulate to ner - 817 sx Clast (1054 cu.ft. of casing laternat chlom metasilicate, to circulate to ner - 817 sx Clast (1054 cu.ft. of casing laternat chlom metasilicate, to circulate to ner - 817 sx Clast (1054 cu.ft. of casing laternat chlom metasilicate, to circulate control casing laternat chlom metasilicate, to circulate chlom metasilicate, circulate chlom metasilicate, cir	Weight 8.4-9.0 8.4-9.0 n/a Casing Si 13-3/8" 8-5/8" 5-1/2" 1-1/2" 1-1/2" 1-1/2" ss "B" cement with surface). ith 410 sx Class "B "B" cement with 28 f slurry, 100% excet oride, 5 pps Gilson 5 pps Gilsonite, 0 surface). ass "B" 50/50 poz w f slurry, 40% exces	Fluid Loss No Control No Control No Control 1/48# 32# 15.50# 2.75# IJ 2.90# EUE 0.25 pps flocele " cement with 3% sodium metasilic ss to circulate tent job) - 1st Stagite and 0.25 pps .25 pps flocele. ith 2% gel, 0.25 s to circulate to	Grade H-40 J-55 J-55 and 3% calcium sodium metasil: ate, 2% calcium o surface). ge with 196 sx flocele. 2 nd S Stage tool at	chloride (417 cu.ft. of icate, 5 pps Gilsonite,). In chloride, 5 pps Gilsonite Class "B" cement with 2% tage with 347 sx Class "B" 2405'. (1347 cu.ft. of pps gilsonite, 0.4% flux
(This space for Federal Brechair Title Tarn Lead, Parallel Mark 1 4 2000	It is intended to alterevisions: Mud Program: Interval 0-200' 200-3206' 3206-7450' Casing Program: Hole Size 17-1/2" 10-5/8" 7-7/8" Tubing Program: Cementing Program: 13-3/8" surface casisslurry, 200% excess 8-5/8" intermediate pps flocele. Tail wand 0.25 pps flocele 8-5/8" intermediate sodium metasilicate, cement with 3% sodium solurry, 100% excess 5-1/2" production liloss, 0.1% retardant Wellhead: 13-3/8" x 8-5/8" x 1	Type Spud LSND Air/M.st Depth Interva 0-200' 0-3205' 3106-7450' 0-5473' 0-7450' ng - 353 sx Clast to circulate to circulate to circulate to casing - Lead with 90 sx Class (1347 cu.ft. of casing alternat 2% calcium chic m metasilicate, to circulate to ner - 817 sx Cla (1054 cu.ft. of	Weight 8.4-9.0 8.4-9.0 8.4-9.0 n/a Casing Si 13-3/8" 8-5/8" 5-1/2" 1-1/2" 1-1/2" 1-1/2" ss "B" cement with surface). ith 410 sx Class "B "B" cement with 2% f slurry, 100% excetive two stage ceme oride, 5 pps Gilson to surface). ass "B" 50/50 poz w f slurry, 40% exces /2" IJ x 5000 psi t	Fluid Loss No Control No Control No Control n/a Ze Weight 48# 32# 15.50# 2.75# IJ 2.90# EUE 0.25 pps flocele " cement with 3% sodium metasilic ss to circulate t nt job) - 1st Stag ite and 0.25 pps .25 pps flocele. ith 2% gel, 0.25 s to circulate to ree assembly.	Grade H-40 J-55 J-55 and 3% calcium sodium metasil: ate, 2% calcium o surface). ge with 196 sx flocele. 2 nd S Stage tool at	chloride (417 cu.ft. of icate, 5 pps Gilsonite,). In chloride, 5 pps Gilson the Class "B" cement with 2% tage with 347 sx Class "B" 2405'. (1347 cu.ft. of pps gilsonite, 0.4% flux
(This space for there's Beecham with Torn Lead, Parallel Mark 1 4 2000	It is intended to alterevisions: Mud Program: Interval 0-200' 200-3206' 3206-7450' Casing Program: Hole Size 17-1/2" 10-5/8" 7-7/8" Tubing Program: Cementing Program: 13-3/8" surface casing slurry, 200% excess 8-5/8" intermediate pps flocele. Tail wand 0.25 pps flocele 8-5/8" intermediate sodium metasilicate, cement with 3% sodius slurry, 100% excess 5-1/2" production liloss, 0.1% retardant Wellhead: 13-3/8" x 8-5/8" x 1 I hereby certify Signed	Type Spud LSND Air/M.st Depth Interva 0-200' 0-3205' 3106-7450' 0-5473' 0-7450' ng - 353 sx Clast to circulate to circulate to circulate to casing - Lead with 90 sx Class (1347 cu.ft. of casing alternat 2% calcium chic m metasilicate, to circulate to ner - 817 sx Cla (1054 cu.ft. of	Weight 8.4-9.0 8.4-9.0 8.4-9.0 n/a Casing Si 13-3/8" 8-5/8" 5-1/2" 1-1/2" 1-1/2" 1-1/2" ss "B" cement with surface). ith 410 sx Class "B "B" cement with 2% f slurry, 100% excetive two stage cemeoride, 5 pps Gilson 5 pps Gilsonite, 0 surface). ass "B" 50/50 poz w f slurry, 40% exces /2" IJ x 5000 psi t regoing is true	Fluid Loss No Control No Control No Control n/a Ze Weight 48# 32# 15.50# 2.75# IJ 2.90# EUE 0.25 pps flocele " cement with 3% sodium metasilic ss to circulate t nt job) - 1st Stad ite and 0.25 pps .25 pps flocele. ith 2% gel, 0.25 s to circulate to ree assembly.	Grade H-40 J-55 J-55 and 3% calcium sodium metasil: ate, 2% calcium o surface). ge with 196 sx flocele. 2 nd S Stage tool at pps flocele, 5 top of liner)	chloride (417 cu.ft. of icate, 5 pps Gilsonite,), n chloride, 5 pps Gilson (Class "B" cement with 2% tage with 347 sx Class "B 2405'. (1347 cu.ft. of pps gilsonite, 0.4% flu.c.
	It is intended to alterevisions: Mud Program: Interval 0-200' 200-3206' 3206-7450' Casing Program: Hole Size 17-1/2" 10-5/8" 7-7/8" Tubing Program: Cementing Program: 13-3/8" surface casis slurry, 200% excess 8-5/8" intermediate pps flocele. Tail w and 0.25 pps flocele 8-5/8" intermediate sodium metasilicate, cement with 3% sodius slurry, 100% excess 5-1/2" production li loss, 0.1% retardant Wellhead: 13-3/8" x 8-5/8" x 1 I hereby certify Signed NO	Type Spud LSND Air/Mist Depth Interva 0-200' 0-3206' 3106-7450' 0-5473' 0-7450' ng - 353 sx Clasto circulate to casing - Lead with 90 sx Class (1347 cu.ft. of casing 'alternat 2% calcium chlom metasilicate, to circulate to ner - 817 sx Clasto (1054 cu.ft. of circulate circulate to ner - 817 sx Clasto (1054 cu.ft. of circulate circu	Weight 8.4-9.0 8.4-9.0 n/a Casing Si 13-3/8" 8-5/8" 5-1/2" 1-1/2" 1-1/2" 1-1/2" ss "B" cement with surface). ith 410 sx Class "B "B" cement with 2% f slurry, 100% excetive two stage ceme oride, 5 pps Gilson 5 pps Gilsonite, 0 surface). ass "B" 50/50 poz w f slurry, 40% exces /2" IJ x 5000 psi t regoing is true	Fluid Loss No Control No Control No Control n/a Ze Weight 48# 32# 15.50# 2.75# IJ 2.90# EUE 0.25 pps flocele " cement with 3% sodium metasilic ss to circulate t nt job) - 1st Stag ite and 0.25 pps .25 pps flocele. ith 2% gel, 0.25 s to circulate to ree assembly. and correct. e Regulatory F	Grade H-40 J-55 J-55 and 3% calcium sodium metasil: ate, 2% calcium o surface). ge with 196 sx flocele. 2 nd s Stage tool at pps flocele, 5 top of liner) Administrato	chloride (417 cu.ft. of icate, 5 pps Gilsonite,) in chloride, 5 pps Gilson : Class "B" cement with 2% tage with 347 sx Class "B 2405'. (1347 cu.ft. of pps gilsonite, 0.4% fluxonite, 0.4% f

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.