DESIDE A LOCAL AND MANAGEMENT		0	STATES	FORM APPROVED
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to diff or to deepen or reservity to a different reservoir Use "APPLICATION FOR PERMIT " for such proposals I. Type of Well SUBMIT M TRIPLICATE 1. Type of Well Gas Well Othor Salt Water Disposal Well Sub Water Disposal Well Boil of Arc SWD # 1 8. Well nerve and Appendix to Find the Application of the Salt Water Disposal Well Boil of Arc SWD # 1 8. Well nerve and Appendix to Find the Application of the Application of the Application of the Indian Application Applicatio	n 3160-5			Budget Bureau No. 1004-0135
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1. Type of Well		Use "APPLICATION FOR PE	RMIT -" for such proposals	6. If Indian, Allottee or Tribe Name
T. Fluen of CA. Agreement Designation 2. Name of Guerator Synergy Operating, LLC 3. Assess and Tempfores No. PO Box 65/13 Familington, NM 87/499 4. Loosan of Helf Flooding Sec. If E. M. or Survey Description) Unit Letter I, 2025 FSL, 67/5 FEL, Sec. 22, 721N-R05W Unit Letter I, 2025 FSL, 67/5 FEL, Sec. 22, 721N-R05W 11. Country or Parish, State Sandoval, New Mexico 12. CHECK APPROPRIATE BOX(6) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF SUBMISSION 12. CHECK APPROPRIATE BOX(6) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF SUBMISSION 13. Charge of Pans Nove Control on Non-Routine Flooding Sec. In C. M. or Survey Description) 14. Control of Pansin, State Subsequent Report 15. Describe Propose or Completed Operators (Chiery sittle all pertains delais, and give performed delais, and		SUBMIT IN TE	RIPLICATE	 -
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2. Name of Operating, LLC 3. Address and Telephone No. PO Box 5513 Farmington, NM 87496 4. Location of Well (Pichologa Sec. T.R. M. or Survey Description) Unit Letter I, 2025' FSL, 675' FEL, Sec 22, T21N-ROSW 11. Country or Pents, State 12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF SUBMISSION 12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF SUBMISSION 13. Describe Proposed or Completed Operations (Clienty state all pertition) and Advanced Completed Operations (Clienty state all pertition) and Casing Repair Ability Gasing Other Completed Operations (Clienty state all pertition) and Casing Repair Ability Gasing Other Completed Operations (Clienty state all pertition) and Casing Repair Ability Gasing Other Completed Operations (Clienty state all pertition) and Casing Repair Ability Gasing Other Completed Operations (Clienty state all pertition) and Casing Repair Ability Gasing Other Completed Operations (Clienty state all pertition) and Casing Repair Ability Gasing Other Completed Operations (Clienty state all pertition) and Casing Repair Ability Gasing Other Completed Operations (Clienty state all pertition) and Casing Repair Ability Gasing Other Completed Operations (Clienty state all pertition) and Casing Repair Ability Gasing Other Completed Operations (Clienty state all pertition) and Casing Repair Ability Gasing Other Completed Operations (Clienty state all pertition) and Casing Repair Ability Gasing Other Completed Operations (Clienty state all pertition) and Casing Repair Ability Gasing Other Completed Operations (Clienty state all pertition) and Casing Repair Ability Gasing Other Completed Operations (Clienty state all pertition) and Casing Repair Ability Gasing Other Completed Operations (Clienty state all pertition) and Casing Repair Ability Gasing Other Completed Operations (Clienty state all pertition) and Casing Repair Ability Gasing Casing Completed Operations (Clienty State State State State State State State Sta	[On We	Gas vveii		8. Well Name and No.
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07721/2003 MOVE IN AND RIG UP ROTARY TOOLS. RIG UP PASON EQUIPMENT. RIG UP SOLIDS CONTROL EQUIPMENT. 07722/2003 FINISH RIGGING UP ROTARY TOOLS. MIX SPUD MUD. DRILL RAT & MOUSE HOLE. SPUD WELL, DRILL T/131* WISPUD MUD. WT = ALL, RPM = 110. SURVEY AT 31*, MISS RUN. DRILL F/131* -T/160 WISPUD MUD. WT = ALL, RPM = 110. SURVEY AT 130*, 1/2 DEGREE. DRILL F/760* -T/332* (TOTAL DEPTH) WISPUD MUD. WT = ALL, RPM = 110. CRICLATE AND CONDITION HOLE. SURVEY AT 300*, 1/4 DEGREE. POOH W/12* - 1/4* BIT FOR CASING. RUN 7 JOINTS 9-56" 398", 2-55, STAC CASING AS FOLLOWS QUID SHORE BIG 331* - 332". OLASS NAKET, 30°, ACCL 2 (MISK) CEULO-FLAVE MEET 165 RPG, 150 MEDLE, 30°, 275 SLOOP PLIC CRIPS AND THE PLUG DOWN AT 23-30 HRS 07/21/2003. SHUT WELL IN: HAD FULL RETURNS. CIRCULATE 23 BBLS (1/32 CU FT) GOOD CEMENT TO SURFACE. WITNESSED BY ALX YAPPA OF BUM. WAIT ON CREMENT. BACK CUT LANDING JOINT PLE UP BROPH HEAD, NIPPLE UP BOP. 07/23/2003 NIPPLE UP BOP, FLOW LINE KILL LINE AND CHOKE MANIFOLD. PRESSURE TEST 80°, BLIND RAMS HAD SLOW LEAK. PIPLE RAMS HAD SLOW LEAK. UNDER THE AT 10°, 10°, 10°, 10°, 10°, 10°, 10°, 10°,	13. Describe Prop	posed or Completed Operations (Clearly s	state all pertinent details, and give pertinent dates, includi	ing, estimated date of starting work.
NIPPLE UP BOP, FLOW LINE KILL LINE AND CHOKE MANIFOLD. PRESSURE TEST BOP, BLIND RAMS HAD SLOW LEAK PIPE RAMS HAD SLOW LEAK UNABLE TO GET TEST. PUSHER WENT TO TOWN PICKED UP NEW RAMS AND TEST PLUG. PRESSURE TEST BOP, ESTS BLIND RAMS, PERE RAMS, KELLY VALVE, FLOOR VALVE, KILL LINE AND CHOKE MANIFOLD TO 300 PSI LOW AND 1500 PSI HIGH WITH TEST PLUG 15 MIN EACH TEST. TEST GOOD, TEST CASING TO 500 PSI, 30 MIN TEST GOOD. CLEAN OUT MUD PITS, REPILL WITH WATER, REPRILL MOUSE HOLE PICKUP BHA, RIH, TAG CEMENT AT 260". DRILL OUT CEMENT SHOE JOINT. PLUG FLOW LINE, CLEAN OUT FLOW LINE. DRILL OUT CEMENT SHOE JOINT. DRILL 8-34" HOLE FRASZ-7-T/619, WOB = 40, RPM = 75, 1150 PSI, MIX MUD 8 5 PPG, 32 VIS. BIT #2 = 8-34", HTC, HXS-09CJ, #5018885, 10-11-11, 1-34 HRS, 167", 1077/HR. MUD = 3.4" HOLE FASS2-7-T/619, SURVEY AT 805", 1 DEGREE (TELEDRIFT). DRILL F/805" - T/4430", (1007/HR), MUD = 8.7 PPG, 34 VIS, 10.8 WL. SURVEY AT 1307", 1 DEGREE (TELEDRIFT). DRILL F/805"-T/2113", (717/HR), MUD = 8.7 PPG, 34 VIS, 10.8 WL. SURVEY AT 1307", 1 DEGREE (TELEDRIFT). DRILL F/8163"-T/2113", (717/HR), MUD = 8.7 PPG, 34 VIS, 11 WL. SERVICE RIG. DRILL F/233-7-12363", (1917/HR), MUD = 8.7 PPG, 35 VIS, 11.2 WL. SURVEY AT 2385", 2 DEGREES (TELEDRIFT). DRILL F/2368"-T/2113", (717/HR), MUD = 8.7 PPG, 34 VIS, 11.5 WL. SERVICE RIG. DRILL F/2363"-T/3596", (487/HR), MUD = 8.7 PPG, 35 VIS, 11.5 WL. SURVEY AT 2385", 2 DEGREES DRILL F/2363"-T/3143", (1917/HR), MUD = 9.7 PPG, 35 VIS, 11.5 WL. SURVEY AT 2385", 1 DEGREE. DRILL F/2365"-T/3143", (1917/HR), MUD = 9.7 PPG, 35 VIS, 10.1 WL. SURVEY AT 3385", MAD 11.1 WL. SERVICE RIG. DRILL F/2365"-T/3143"-T/3380", (487/HR), MUD = 9.7 PPG, 35 VIS, 10.1 WL. SURVEY AT 3385", 1 DEGREE. DRILL F/3867"-T/4139", (1917/HR), MUD = 9.7 PPG, 35 VIS, 10.1 WL. SURVEY AT 3385", 1 DEGREE. DRILL F/3867"-T/4139", (391/HR), MUD = 9.7 PPG, 35 VIS, 10.1 WL. SURVEY AT 3385", MAD 11.1 AND 11.1 AN		MOVE IN AND RIG UP ROTARY TO FINISH RIGGING UP ROTARY TOO WT. = ALL, RPM = 110, SURVEY A DRILL F/160' - T/332' (TOTAL DEPT	DOLS. RIG UP PASON EQUIPMENT. RIG UP SOLIDS DLS. MIX SPUD MUD. DRILL RAT & MOUSE HOLE. T 91', MISS RUN. DRILL F/131'- T/160' W/SPUD MU TH) W/SPUD MUD. WT. = ALL, RPM = 110. CIRCULA	S CONTROL EQUIPMENT. SPUD WELL, DRILL T/131' W/SPUD MUD, D, WT. = ALL, RPM = 110. SURVEY AT 120', 1/2 DEGREE. TE AND CONDITION HOLE, SURVEY AT 304', 1/4 DEGREE.
DRILL 8-3/4" HOLE F/32 - T/519, WOB = 40, RPM = 75, 1150 PSI. MIX MUD. 8.5 PPG, 32 VIS. BIT #2 = 8-3/4", HTC, HXS-09CJ, #501885, 10-11-11. 1-3/4 HRS, 187', 107/HR. 07/24/2003 DRILL F/519' - T/845', (93/HR). SURVEY AT 805', 1 DEGREE (TELEDRIFT). DRILL F/805' - T/1430', (100/HR) MUD = 8.6 PPG, 34 VIS, 10.6 WL. SURVEY AT 1307', 1 DEGREE (TELEDRIFT). DRILL F/805' - T/1430', (108/HR) MUD = 8.7 PPG, 34 VIS, 110.8 WL. SURVEY AT 1355', 1 DEGREE (TELEDRIFT). DRILL F/805' - T/1430', (108/HR) MUD = 8.7 PPG, 34 VIS, 110.8 WL. SERVICE RIG. DRILL F/2363' - T/2588', (82/HR) MUD = 8.8 PPG, 36 VIS, 11.2 WL. SURVEY AT 2353', 2 DEGREES (TELEDRIFT). DRILL F/2363' - T/2588', (82/HR) MUD = 8.8 PPG, 36 VIS, 11.5 WL. 07/25/2003 DRILL F/2588' - T/2652', (48/HR). MUD = 9.0 PPG, 35 VIS, 12 WL. SURVEY AT 2852', 1 DEGREE. DRILL F/2852' - T/3143', (61/HR). MUD = 9.1 PPG, 40 VIS, 11.8 WL. SERVICE RIG. DRILL F/3143' - T/3360', (48/HR). MUD = 9.0 PPG, 36 VIS, 10.1 WL. SURVEY AT 3352', 1 DEGREE. DRILL F/3360' - T/3468', (50/HR). MUD = 9.0 PPG, 38 VIS, 11 WL. SERVICE RIG. DRILL F/3485' - T/3745', (48/HR). MUD = 9.2 PPG, 36 VIS, 8.9 WL. BIT #2 = 8-3/4", HTC, HXS-09CJ, #5018865, 10-11-11, 3413' - T/5 HRS = 72/HR. 07/26/2003 DRILL F/3745' - T/3887', (47/HR). MUD = 9.3 PPG, 36 VIS, 9 WL. SURVEY AT 3857', 1 DEGREE. DRILL F/3887' - T/4139', (35/HR). MUD = 9.3 PPG, 40 VIS, 110 WL. SERVICE RIG. DRILL F/3139' - T/4307', (27/HR). MUD = 9.2 PPG, 38 VIS, 10 WL. POOH 25 STANDS DUE TO KELLY HOSE FAILURE. WAIT ON NEW KELLY HOSE, (CIRCULATE HOLE WITH SWEDGE), REPLACE KELLY HOSE. TRIP BACK IN WITH 25 STANDS. DRILL F/4319', 1/32/HR). MUD = 9.2 PPG, 38 VIS, 10 WL. BIT #2 = 8-3/4", HTC, HXS-09CJ, #6018885, 10-11-11, 3983', 64.26 HRS = 62/HR. 07/27/2003 DRILL F/4316' - T/4448', (25/HR). MUD = 9.3 PPG, 40 VIS, 8 WL, 10% LCM. SERVICE RIG. DRILL F/4674' - T/4750', (21/HR). MUD = 9.3 PPG, 49 VIS, 8 WL, 10% LCM. SERVICE RIG. DRILL F/4750' - T/4838', (19/HR). MUD = 9.3 PPG, 49 VIS, 80 VIL, 10% LCM. SERVICE RIG. DRILL F/4750' - T/4838', (19/HR). MUD = 9.3 PPG, 40 V		MOVE IN AND RIG UP ROTARY TO FINISH RIGGING UP ROTARY TOC WT. = ALL, RPM = 110. SURVEY A DRILL F/160' - T/332' (TOTAL DEPT POOH W/12 - 1/4" BIT FOR CASING 6 CENTRALIZERS @ 287', 243', 19 CLASS 8 NEAT, 2% CACL2, 1/4#/SI PLUG DOWN AT 23:30 HRS 07/21/	DOLS. RIG UP PASON EQUIPMENT. RIG UP SOLIDS DLS. MIX SPUD MUD. DRILL RAT & MOUSE HOLE. T. 91', MISS RUN. DRILL F/131'- T/160' W/SPUD MU H) W/SPUD MUD, WT. = ALL, RPM = 110. CIRCULA 3. RUN 7 JOINTS 9-56", 36#, J-55, 5T&C CASING A: 19', 155', 111', 67'. CEMENT CASING AS FOLLOWS: R K CELLO-FLAKE MIXED AT 15.6 PPG, 1.18 YIELD, 5.1 2003, SHUT WELL IN, HAD FULL RETURNS, CIRCU	S CONTROL EQUIPMENT. SPUD WELL, DRILL T/131' W/SPUD MUD, D, WT. = ALL, RPM = 110. SURVEY AT 120', 1/2 DEGREE. TE AND CONDITION HOLE, SURVEY AT 304', 1/4 DEGREE. S FOLLOWS: GUIDE SHOE @ 331' - 332', PUMP 10 BBLS WATER, 240 SKS (283 CU FT) 2 GPS, DROP PLUG, DISPLACE WITH 23 BBLS WATER. LATE 23 BBLS (128 CU FT) GOOD CEMENT TO
MUD = 8.6 PPG, 34 VIS. 10.6 WL. SURVEY AT 1307. 1 DEGREE (TELEDRIFT). DRILL F/1863' - T/2113', (108/HR) MUD = 8.7 PPG, 34 VIS, 10.8 WL. SURVEY AT 1855', 1 DEGREE (TELEDRIFT). DRILL F/1863' - T/2113', (71/HR) MUD = 8.7 PPG, 34 VIS, 11.0 WL. SERVICE RIG. DRILL F/2113' - T/2536', (92/HR) MUD = 8.7 PPG, 35 VIS, 11.2 WL. SURVEY AT 2353', 2 DEGREES (TELEDRIFT). DRILL F/2133' - T/2588', (82/HR) MUD = 8.8 PPG, 36 VIS, 11.5 WL. 07/25/2003 DRILL F/2588' - T/2852', (48/HR), MUD = 9.0 PPG, 35 VIS, 12 WL. SURVEY AT 2852', 1 DEGREE. DRILL F/2852' - T/3143', (61/HR) MUD = 9.1 PPG, 40 VIS, 11.8 WL. SERVICE RIG. DRILL F/3143' - T/3380', (48/HR) MUD = 9.3 PPG, 36 VIS, 10.1 WL. SURVEY AT 3352', 1 DEGREE. DRILL F/3360' - T/3465', (50/HR) MUD = 9.0 PPG, 36 VIS, 11 WL. SERVICE RIG. DRILL F/3458' - T/3745', (46/HR), MUD = 9.2 PPG, 35 VIS, 8.9 WL. 8IT #2 = 8-3/4", HTC, HXS-09CJ, #5018885, 10-11-11. 3413', 47.5 HRS = 72/HR. 07/26/2003 DRILL F/3745' - T/3887', (47/HR), MUD = 9.3 PPG, 35 VIS, 9 WL. SURVEY AT 3857', 1 DEGREE. DRILL F/3867' - T/4139', (35/HR) MUD = 9.3 PPG, 40 VIS, 110 WL. SERVICE RIG. DRILL F/4139' - T/4307', (27/HR), MUD = 9.2 PPG, 38 VIS, 10 WL. POOH 25 STANDS DUE TO KELLY HOSE FAILURE. WAIT ON NEW KELLY HOSE, (CIRCULATE HOLE WITH SWEDGE), REPLACE KELLY HOSE. TRIP BACK IN WITH 25 STANDS. DRILL F/4315', (32/HR) MUD = 9.2 PPG, 32 VIS, 8.8 WL. BIT #2 = 8-3/4", HTC, HXS-09CJ, #5018885, 10-11-11. 3983', 64.25 HRS = 62/HR. 07/27/2003 DRILL F/4315' - T/4448', (23/HR) MUD = 9.3 PPG, 46 VIS, 8 WL, 10% LCM. SURVEY AT 4417', 1-1/4 DEGREES. DRILL F/448' - T/4574', (30/HR), MUD = 9.3 PPG, 40 VIS, 8 WL, 10% LCM. SURVEY AT 4417', 1-1/4 DEGREES. DRILL F/448' - T/4574', (30/HR), MUD = 9.3 PPG, 40 VIS, 8 WL, 10% LCM. SERVICE RIG. DRILL F/4574' - T/4750', (21/HR), MUD = 9.3 PPG, 49 VIS, 8 WL, 10% LCM. SERVICE RIG. DRILL F/4750' - T/4838', (19/HR) MUD = 9.3 PPG, 48 VIS, 9.2 WL, 7% LCM. BIT #2 = 8-3/4", HTC, HXS-09CJ, #5018885, 10-11-11. 4506', 87.5 HRS = 51.5/HR. 14. I hereby certify that the foregoing is true and correct	07/22/2003	MOVE IN AND RIG UP ROTARY TO FINISH RIGGING UP ROTARY TOO WT. = ALL, RPM = 110, SURVEY A DRILL F/160° - T/332' (TOTAL DEPT POOH W/12 - 1/4" BIT FOR CASING 6 CENTRALIZERS @ 287', 243', 19 CLASS 8 NEAT, 2% CACL2, 1/4#/SI PLUG DOWN AT 23:30 HRS 07/21/, SURFACE, WITNESSED BY AL YAF NIPPLE UP BOP, FLOW LINE KILL PIPE RAMS HAD SLOW LEAK, UNA PRESSURE TEST BOP, TEST BLIN AND 1500 PSI HIGH WITH TEST PI CLEAN OUT MUD PITS, REFILL WI	DOLS. RIG UP PASON EQUIPMENT. RIG UP SOLIDS DLS. MIX SPUD MUD. DRILL RAT & MOUSE HOLE. T.91'. MISS RUN. DRILL F/131'- T/160' W/SPUD MU TH) W/SPUD MUD. WT. = ALL, RPM = 110. CIRCULA S. RUN 7 JOINTS 9-58", 36#, J-55, 5T&C CASING A' 19', 155', 111', 67'. CEMENT CASING AS FOLLOWS: F K CELLO-FLAKE MIXED AT 15.6 PPG, 1.18 YIELD, 5.2 2003, SHUT WELL IN, HAD FULL RETURNS, CIRCU PPA OF BLM. WAIT ON CEMENT. BACK OUT LAND LINE AND CHOKE MANIFOLD. PRESSURE TEST BA ABLE TO GET TEST. PUSHER WENT TO TOWN PIC ID RAMS, PIPE RAMS, KELLY VALVE, FLOOR VALVE LUG 15 MIN EACH TEST, TEST GOOD, TEST CASINI TITH WATER. REDRILL MOUSE HOLE. PICK UP BH/E	S CONTROL EQUIPMENT. SPUD WELL, DRILL T/131' W/SPUD MUD, D, WT. = ALL, RPM = 110. SURVEY AT 120', 1/2 DEGREE. TE AND CONDITION HOLE, SURVEY AT 304', 1/4 DEGREE. S FOLLOWS: GUIDE SHOE @ 331' - 332', PUMP 10 BBLS WATER, 240 SKS (283 CU FT) 2 GPS, DROP PLUG, DISPLACE WITH 23 BBLS WATER. LATE 23 BBLS (1/28 CU FT) GOOD CEMENT TO ING JOINT, NIPPLE UP BRADEN HEAD, NIPPLE UP BOP. DP, BLIND RAMS HAD SLOW LEAK KED UP NEW RAMS AND TEST PLUG. ;, KILL LINE AND CHOKE MANIFOLD TO 300 PSI LOW 3 TO 500 PSI, 30 MIN TEST GOOD. L, RIH, TAG CEMENT AT 260'.
MUD = 9.1 PPG, 40 VIS, 11.8 WL, SERVICE RIG. DRILL F3143' - T3360', (48'HR) MUD = 9.3 PPG, 36 VIS, 10.1 WL. SURVEY AT 3352', 1 DEGREE. DRILL F3360' - T3485', (50'HR) MUD = 9.0 PPG, 38 VIS, 11 WL. SERVICE RIG. DRILL F3485' - T3745', (45'HR) MUD = 9.2 PPG, 35 VIS, 89 WL. BIT #2 = 8-3/4", HTC, HXS-09CJ, #5018885, 10-11-11. 3413', 47.5 HRS = 72'HR. O7/26/2003 DRILL F/3745' - T/3887', (47'HR) MUD = 9.3 PPG, 35 VIS, 9 WL. SURVEY AT 3857', 1 DEGREE. DRILL F/3887' - T/4139', (35'HR) MUD = 9.3 PPG, 40 VIS, 110 WL. SERVICE RIG. DRILL F/4139' - T/4307', (27'HR) MUD = 9.2 PPG, 38 VIS, 10 WL. POOH 25 STANDS DUE TO KELLY HOSE FAILURE. WAIT ON NEW KELLY HOSE, (CIRCULATE HOLE WITH SWEDGE), REPLACE KELLY HOSE. TRIP BACK IN WITH 25 STANDS. DRILL F/4307' - T/4315', (32'HR) MUD = 9.2 PPG, 32 VIS, 8.8 WL. BIT #2 = 8-3/4", HTC, HXS-09CJ, #5018885, 10-11-11. 3983', 64.25 HRS = 62'HR. O7/27/2003 DRILL F/4315' - T/4448', (23'HR) MUD = 9.3 PPG, 46 VIS, 8 WL., 10% LCM. SURVEY AT 4417', 1-1/4 DEGREES. DRILL F/4448' - T/4574', (30'HR) MUD = 9.3 PPG, 40 VIS, 8 WL., 10% LCM. SERVICE RIG. DRILL F/4574' - T/4750', (21'HR) MUD = 9.3 PPG, 49 VIS, 8 WL., 10% LCM. SERVICE RIG. DRILL F/4750' - T/4750', (21'HR) MUD = 9.3 PPG, 48 VIS, 9.2 WL., 7% LCM. BIT #2 = 8-3/4", HTC, HXS-09CJ, #5018885, 10-11-11. 4506', 87.5 HRS = 51.5'/HR. 14. I hereby certify that the foregoing is true and correct Signed: Thomas E. Mullins Title: Engineering Manager Date: 08-18-2003	07/22/2003	MOVE IN AND RIG UP ROTARY TO FINISH RIGGING UP ROTARY TO WT. = ALL, RPM = 110. SURVEY A DRILL F/160' - T/332' (TOTAL DEPT POOH W/12 - 1/4" BIT FOR CASING 6 CENTRALIZERS @ 287', 243', 19 CLASS 8 NEAT, 2% CACL2, 1/4#SI PLUG DOWN AT 23:30 HRS 07/21/SURFACE, WITNESSED BY AL YAF NIPPLE UP BOP, FLOW LINE KILL PIPE RAMS HAD SLOW LEAK, UNA PRESSURE TEST BOP, TEST BLIN AND 1500 PSI HIGH WITH TEST PI CLEAN OUT MUD PITS, REFILL WID DRILL OUT CEMENT SHOE JOINT DRILL 8-3/4" HOLE F/332' - T/519'.	DOLS. RIG UP PASON EQUIPMENT. RIG UP SOLIDS DLS. MIX SPUD MUD. DRILL RAT & MOUSE HOLE. T. 91', MISS RUN. DRILL F/131'- T/160' WSPUD MU B. RUN 7 JOINTS 9-56", 36#, J-55, 5T&C CASING A: 19', 155', 111', 67'. CEMENT CASING AS FOLLOWS: F K CELLO-FLAKE MIXED AT 15.6 PPG, 1.18 YIELD, 5.1 2003, SHUT WELL IN, HAD FULL RETURNS, CIRCU PPA OF BLM. WAIT ON CEMENT. BACK OUT LAND LINE AND CHOKE MANIFOLD. PRESSURE TEST BO ABLE TO GET TEST. PUSHER WENT TO TOWN PIC ID RAMS, PIPE RAMS, KELLY VALVE, FLOOR VALVE LUG 15 MIN EACH TEST, TEST GOOD. TEST CASIN ITH WATER. REDRILL MOUSE HOLE. PICK UP BHA LUG 15 MIN EACH TEST, TEST GOOD. TEST CASIN ITH WATER. REDRILL MOUSE HOLE. PICK UP BHA LPLUG FLOW LINE, CLEAN OUT FLOW LINE. DRIL WOB = 40, RPM = 75, 1150 PSI. MIX MUD, 8.5 PPG.	S CONTROL EQUIPMENT. SPUD WELL, DRILL T/131' W/SPUD MUD, D, WT. = ALL, RPM = 110. SURVEY AT 120', 1/2 DEGREE. TE AND CONDITION HOLE, SURVEY AT 304', 1/4 DEGREE. S FOLLOWS: GUIDE SHOE @ 331' - 332', PUMP 10 BBLS WATER, 240 SKS (283 CU FT) 2 GPS, DROP PLUG, DISPILACE WITH 23 BBLS WATER. LATE 23 BBLS (128 CU FT) GOOD CEMENT TO ING JOINT, NIPPLE UP BRADEN HEAD, NIPPLE UP BOP. DP, BLIND RAMS HAD SLOW LEAK KED UP NEW RAMS AND TEST PLUG. I, KILL LINE AND CHOKE MANIFOLD TO 300 PSI LOW 3 TO 500 PSI, 30 MIN TEST GOOD. L, RIH, TAG CEMENT AT 260'. L OUT CEMENT SHOE JOINT.
MUD = 9.3 PPG, 40 VIS, 110 WL. SERVICE RIG. DRILL F/4139' - T/4307', (27/HR) MUD = 9.2 PPG, 38 VIS, 10 WL. POOH 25 STANDS DUE TO KELLY HOSE FAILURE. WAIT ON NEW KELLY HOSE, (CIRCULATE HOLE WITH SWEDGE), REPLACE KELLY HOSE TRIP BACK IN WITH 25 STANDS. DRILL F/4307'. T/43/15', (32/HR) MUD = 9.2 PPG, 32 VIS, 8.8 WL. BIT #2 = 8-3/4", HTC, HXS-09CJ, #5018885, 10-11-11. 3983', 64.25 HRS = 62/HR. 07/27/2003 DRILL F/4315' - T/4448', (23/HR) MUD = 9.3 PPG, 46 VIS, 8 WL., 10% LCM. SURVEY AT 4417', 1-1/4 DEGREES. DRILL F/4448'. T/4574', (30/HR) MUD = 9.3 PPG, 40 VIS, 8 WL., 10% LCM. SERVICE RIG. DRILL F/4574' - T/4750', (21/HR) MUD = 9.3 PPG, 49 VIS, 8 WL., 10% LCM. SERVICE RIG. DRILL F/4750' - T/4838', (19/HR) MUD = 9.3 PPG, 48 VIS, 9.2 WL, 7% LCM. BIT #2 = 8-3/4", HTC, HXS-09CJ, #5018885, 10-11-11. 4506', 87.5 HRS = 51.5/HR. 14. I hereby certify that the foregoing is true and correct Title: Engineering Manager Date: 08-18-2003 Title: Engineering Manager Date: 08-18-2003	07 <i>/22/2</i> 003 07 <i>/23/2</i> 003	MOVE IN AND RIG UP ROTARY TO FINISH RIGGING UP ROTARY TO WT. = ALL, RPM = 110. SURVEY A DRILL F/160' - T/332' (TOTAL DEPT POOH W/12 - 1/4" BIT FOR CASING 6 CENTRALIZERS @ 287', 243', 19 CLASS 8 NEAT, 2% CACL2, 1/4#SI PLUG DOWN AT 23:30 HRS 07/21/SURFACE, WITNESSED BY AL YAF NIPPLE UP BOP, FLOW LINE KILL PIPE RAMS HAD SLOW LEAK. UNA PRESSURE TEST BOP, TEST BLIN AND 1500 PSI HIGH WITH TEST PI CLEAN OUT MUD PITS, REFILL WID DRILL OUT CEMENT SHOE JOINT DRILL 8-3/4", HTC, HXS-09CJ, # DRILL F/519' - T/845', (93'/HR). SU MUD = 8.6 PPG, 34 VIS, 10.6 WL. SMUD = 8.7 PPG, 34 VIS, 10.6 WL. SMUD = 8.7 PPG, 34 VIS, 11.8 WL. SE	DOLS. RIG UP PASON EQUIPMENT. RIG UP SOLIDS DLS. MIX SPUD MUD. DRILL RAT & MOUSE HOLE. T. 91', MISS RUN. DRILL F/131'- T/160' W/SPUD MU D. WT. = ALL, RPM = 110. CIRCULA B. RUN 7 JOINTS 9-56", 36#, J-55, ST&C CASING A: 19', 155', 111', 67'. CEMENT CASING AS FOLLOWS: F K CELLO-FLAKE MIXED AT 15.6 PPG, 1.18 YIELD, 5.1 2003, SHUT WELL IN, HAD FULL RETURNS, CIRCU PPA OF BLM. WAIT ON CEMENT. BACK OUT LAND LINE AND CHOKE MANIFOLD. PRESSURE TEST BO ABLE TO GET TEST. PUSHER WENT TO TOWN PIC ID RAMS, PIPE RAMS, KELLY VALVE, FLOOR VALVE LUG 15 MIN EACH TEST, TEST GOOD, TEST CASIN ITH WATER. REDRILL MOUSE HOLE. PICK UP BHA LUG 15 MIN EACH TEST, TEST GOOD, TEST CASIN ITH WATER. REDRILL MOUSE HOLE. PICK UP BHA LUG 15 MIN EACH TEST, TAST GOOD, TEST CASIN ITH WATER. REDRILL MOUSE HOLE. PICK UP BHA LUG 15 MIN EACH TEST, TAST GOOD, TEST CASIN ITH WATER. REDRILL MOUSE HOLE. PICK UP BHA SHOULD HOW LINE, CLEAN OUT FLOW LINE. DRILL WOB = 40, RPM = 75, 1150 PSI. MIX MUD, 8.5 PPG, 15018885, 10-11-11. 1-3/4 HRS, 187', 107/HR. REVEY AT 805', 1 DEGREE (TELEDRIFT). DRILL F/8 15URVEY AT 1805', 1 DEGREE (TELEDRIFT). DRILL F/8 15URVEY AT 1805', 1 DEGREE (TELEDRIFT). DRILL F/8 15URVEY AT 1855', 1 DEGREE (TELEDRIFT). DRILL F/8 15URVEY AT 1830', 1 DEGREE (TELEDRIFT). DRILL F/8 15URVEY AT 1830', 1 DEGREE (TELEDRIFT). DRILL F/8 15URVEY AT 1835', 1 DEGREE (TELEDRIFT). DRILL F/8 15URVEY AT 1830', 1 DEGREE (TELEDRIFT). MILL 15' LEVICE RICE.	S CONTROL EQUIPMENT. SPUD WELL, DRILL T/131' W/SPUD MUD, D, WT. = ALL, RPM = 110. SURVEY AT 120', 1/2 DEGREE. TE AND CONDITION HOLE, SURVEY AT 304', 1/4 DEGREE. S FOLLOWS: GUIDE SHOE @ 331' - 332', PUMP 10 BBLS WATER, 240 SKS (283 CU FT) 2 GPS, DROP PLUG, DISPLACE WITH 23 BBLS WATER. LATE 23 BBLS (128 CU FT) GOOD CEMENT TO ING JOINT, NIPPLE UP BRADEN HEAD, NIPPLE UP BOP. DP, BLIND RAMS HAD SLOW LEAK. KED UP NEW RAMS AND TEST PLUG. E, KILL LINE AND CHOKE MANIFOLD TO 300 PSI LOW G TO 500 PSI, 30 MIN TEST GOOD. A, RIH, TAG CEMENT AT 260'. L OUT CEMENT SHOE JOINT. 32 VIS. D5' - T/1430', (100'/HR) P/1430' - T/1863', (108'/HR) F/1863' - T/2113', (71'/HR) = 8.7 PPG, 35 VIS, 11.2 WL.
DRILL F/4448' - T/4574', (30'AHR) MUD = 9.3 PPG, 40 VIS, 8 WL, 10% LCM. SERVICE RIG. DRILL F/4574' - T/4750', (21'/HR) MUD = 9.3 PPG, 49 VIS, 8 WL, 10% LCM. SERVICE RIG. DRILL F/4750' - T/4838', (19'/HR) MUD = 9.3 PPG, 48 VIS, 9.2 WL, 7% LCM. BIT #2 = 8-3/4", HTC, HXS-09CJ, #5018885, 10-11-11. 4506', 87.5 HRS = 51.5'/HR. 14. I hereby certify that the feregoing is true and correct Signed: Title: Engineering Manager Date: 08-18-2003	07/23/2003 07/23/2003	MOVE IN AND RIG UP ROTARY TO FINISH RIGGING UP ROTARY TO WT. = ALL, RPM = 110. SURVEY A DRILL F160" - T332" (TOTAL DEPT POOH W/12 - 1/4" BIT FOR CASING 6 CENTRALIZERS @ 287", 243", 19 CLASS 8 NEAT, 2% CACIL2, 1/4#SI PLUG DOWN AT 23:30 HRS 07/21/5 SURFACE, WITNESSED BY AL YAF NIPPLE UP BOP, FLOW LINE KILL PIPE RAMS HAD SLOW LEAK, UNV PRESSURE TEST BOP, TEST BLIN AND 1500 PSI HIGH WITH TEST PICLEAN OUT MUD PTIS, REFILL WID DRILL OUT CEMENT SHOE JOINT. DRILL 8-3/4" HOLE F/332" - T/519", BIT #2 = 8-3/4", HTC, HXS-09CJ, # DRILL F/519" - T/845", (93'/HR), SU MUD = 8.7 PPG, 34 VIS, 10.8 WL. S MUD = 8.7 PPG, 34 VIS, 10.8 WL. S SURVEY AT 2353", 2 DEGREES (T DRILL F/2588" - T/2852", (48'/HR) MUD = 9.1 PPG, 40 VIS, 11.8 WL. S SURVEY AT 3352", 1 DEGREE. DR DRILL F/3488" - T/2745", (48'/HR) MUD = 9.1 PPG, 40 VIS, 11.8 WL. S SURVEY AT 3352", 1 DEGREE. DR	DOLS. RIG UP PASON EQUIPMENT. RIG UP SOLIDS DOLS. MIX SPUD MUD. DRILL RAT & MOUSE HOLE. T 91", MISS RUN. DRILL F/131"- T/160" WSPID MU H) WSPUD MUD. WT. = ALL, RPM = 110. CIRCULA B. RUN 7 JOINTS 9-5/8" 36#, J-55, ST&C CASING AS 9", 155", 111", 67". CEMENT CASING AS FOLLOWS: F 9", 155", 111", 67". CEMENT CASING AS FOLLOWS: F 9", 155", 111", 67". CEMENT CASING AS FOLLOWS: F 9", 155", 111", 67". CEMENT CASING AS FOLLOWS: F 9", 155", 111", 67". CEMENT CASING AS FOLLOWS: F 9", 155", 111", 67". CEMENT CASING AS FOLLOWS: F 9", 155", 111", 157". CEMENT CASING AS FOLLOWS: F 9", 150", 118", 150",	S CONTROL EQUIPMENT. SPUD WELL, DRILL T/131' W/SPUD MUD, D, WT. = ALL, RPM = 110. SURVEY AT 120', 1/2 DEGREE. TE AND CONDITION HOLE, SURVEY AT 304', 1/4 DEGREE. S FOLLOWS: GUIDE SHOE @ 331' - 332', PUMP 10 BBLS WATER, 240 SKS (283 CU FT) 2 GPS, DROP PLUG, DISPILACE WITH 23 BBLS WATER. LATE 23 BBLS (128 CU FT) GOOD CEMENT TO ING JOINT, NIPPLE UP BRADEN HEAD, NIPPLE UP BOP. DP, BLIND RAMS HAD SLOW LEAK KED UP NEW RAMS AND TEST PLUG. I, KILL LINE AND CHOKE MANIFOLD TO 300 PSI LOW 3 TO 500 PSI, 30 MIN TEST GOOD. L, RIH, TAG CEMENT AT 260'. L OUT CEMENT SHOE JOINT. 32 VIS. DOS' - T/1430', (100'/HR) P/1430' - T/1863', (108'/HR) F/1863' - T/2113', (71'/HR) = 8.7 PPG, 35 VIS, 11.5 WL. DEGREE. DRILL F/2852' - T/3143', (61'/HR) D = 9.3 PPG, 36 VIS, 10.1 WL.
Signed:	07/23/2003 07/23/2003 07/24/2003	MOVE IN AND RIG UP ROTARY TO FINISH RIGGING UP ROTARY TOO WT. = ALL, RPM = 110. SURVEY A DRILL F160°- T-1332′ (TOTAL DEPT POOH W/12 - 1/4" BIT FOR CASING 6 CENTRALIZERS @ 287°, 243°, 19 CLASS 8 NEAT, 2% CACL2, 1/4#SI PLUG DOWN AT 23:30 HRS 07/21/SURFACE, WITNESSED BY AL YAF NIPPLE UP BOP, FLOW LINE KILL PIPE RAMS HAD SLOW LEAK, UNV PRESSURE TEST BOP, TEST BLIN AND 1500 PSI HIGH WITH TEST PLIN AND 1500 PSI HIGH WITH TEST PIN LEAST POPG, 34 VIS, 10.6 WL. SMUD = 8.34", HTC, HXS-09CJ, # MUD = 8.7 PPG, 34 VIS, 10.8 WL. SMUD = 8.7 PPG, 34 VIS, 11.8 WL. SSURVEY AT 23352', 1 DEGREE. OF DRILL F/2588' - T/2852', (48/HR) NMUD = 9.1 PPG, 40 VIS, 11.8 WL. SSURVEY AT 3352', 1 DEGREE. OF DRILL F/3485' - T/3745', (46/HR) NMUD = 9.3 PPG, 40 VIS, 110 WL. SPOOH 25 STANDS DUE TO KELLY HOSE. TRIP BACK FILL PROSE. TRIP BACK FILL PROSE. TRIP BACK FILL PROSE TENP BACK FILL PROSE	DOLS. RIG UP PASON EQUIPMENT. RIG UP SOLIDS DLS. MIX SPUD MUD. DRILL RAT & MOUSE HOLE. T 91", MISS RUN. DRILL F/131" - T/160 WSPUD MU H) WSPUD MUD. WT. = ALL, RPM = 110. CIRCULA G. RUN 7 JOINTS 9-5/8", 36#, J-55, ST&C CASING AS 19", 155", 111", 67". CEMENT CASING AS FOLLOWS: F K CELLO-FLAKE MIXED AT 15.6 PPG, T.18 YIELD, 2003, SHUT WELL IN, HAD FULL RETURNS, CIRCU PPA OF BLM. WAIT ON CEMENT. BACK OUT LAND LINE AND CHOKE MANIFOLD. PRESSURE TEST B ABLE TO GET TEST. PUSHER WENT TO TOWN PIC ID RAMS, PIPE RAMS, KELLY VALVE, FLOOR VALVE LUG 15 MIN EACH TEST. TEST GOOD. TEST CASIN THY WATER. REDRILL MOUSE HOLE. PICK UP BHA PLUG FLOW LINE, CLEAN OUT FLOW LINE. DRIL WOB = 40, RPM = 75, 1150 PSI. MIX MUD, 8.5 PPG, 5018885, 10-11-11. 1-3/4 HRS, 187", 107/HR. IRVEY AT 805", 1 DEGREE (TELEDRIFT). DRILL F/8 SURVEY AT 1807", 1 DEGREE (TELEDRIFT). DRILL F/8 SURVEY AT 1805", 1 DEGREE (TELEDRIFT). DRILL F/8 SURVEY AT 1855", 1 DEGREE (TELEDRIFT). DRILL F/8 SURVEY AT 1855"	S CONTROL EQUIPMENT. SPUD WELL, DRILL T/131' W/SPUD MUD, D, WT. = ALL, RPM = 110. SURVEY AT 120', 1/2 DEGREE. TE AND CONDITION HOLE, SURVEY AT 304', 1/4 DEGREE. S FOLLOWS: GUIDE SHOE @ 331' - 332', PUMP 10 BBLS WATER, 240 SKS (283 CU FT) 2 GPS, DROP PLUG, DISPLACE WITH 23 BBLS WATER. LATE 23 BBLS (128 CU FT) GOOD CEMENT TO ING JOINT, NIPPLE UP BRADEN HEAD, NIPPLE UP BOP. DP, BLIND RAMS HAD SLOW LEAK. KEO UP NEW RAMS AND TEST PLUG. S, KILL LINE AND CHOKE MANIFOLD TO 300 PSI LOW G TO 500 PSI, 30 MIN TEST GOOD. L, RIH, TAG CEMENT AT 260'. L OUT CEMENT SHOE JOINT. 32 VIS. DS' - T/1430'; (100'/HR) P/1430' - T/1863', (108'/HR) F/1863' - T/213', (71'/HR) = 8.7 PPG, 36 VIS, 11.5 WL. DEGREE. DRILL F/2852' - T/3143', (61'/HR) D= 9.3 PPG, 36 VIS, 10.1 WL. IS, 11 WL. SERVICE RIG.
Thomas E. Mullins (505) 325-5449	07/23/2003 07/23/2003 07/24/2003 07/25/2003	MOVE IN AND RIG UP ROTARY TO FINISH RIGGING UP ROTARY TO WT. = ALL, RPM = 110. SURVEY A DRILL F160°- T-1332′ (TOTAL DEPT POOH W/12 - 1/4" BIT FOR CASING 6 CENTRALIZERS @ 287′, 243′, 19 CLASS 8 NEAT, 2% CACIL2, 1/4#SI PLUG DOWN AT 23:30 HRS 07/21/SURFACE, WITNESSED BY AL YAF NIPPLE UP BOP, FLOW LINE KILL PIPE RAMS HAD SLOW LEAK, UNV PRESSURE TEST BOP, TEST BLIN AND 1500 PSI HIGH WITH TEST PICLEAN OUT MUD PTIS, REFILL WID DRILL OUT CEMENT SHOE JOINT. DRILL 8-3/4" HOLE F/332′ - 1/5/19′. BIT #2 = 8-3/4", HTC, HXS-09CJ, #3 WID = 8.7 PPG, 34 VIS, 10.8 WL. SWID = 8.7 PPG, 34 VIS, 10.8 WL. SWIN = 1.7 PPG, 40 VIS, 11.8 WL. SURVEY AT 2353′, 2 DEGREES (TORILL F/3485′ - T/3745′, (45/HR) MUD = 9.1 PPG, 40 VIS, 11.8 WL. SURVEY AT 3352′, 1 DEGREE. DRILL F/3485′ - T/3745′, (45/HR) MUD = 9.3 PPG, 40 VIS, 110 WL. SPOOH 25 STANDS DUE TO KELLY REPLACE KELLY HOSE. TRIP BAC BIT #2 = 8-3/4", HTC, HXS-09CJ, #DRILL F/3448′ - T/4574′, (30/HR) MUD = 9.3 PPG, 40 VIS, 110 WL. SPOOH 25 STANDS DUE TO KELLY REPLACE KELLY HOSE. TRIP BAC BIT #2 = 8-3/4", HTC, HXS-09CJ, #DRILL F/3448′ - T/4574′, (30/HR) MUD = 9.3 PPG, 49 VIS, 8 WL, 10% MUD = 9.3 PPG, 49 VIS, 8 WL, 10% DRILL F/3448′ - T/4574′, (30/HR) MOUD = 9.3 PPG, 49 VIS, 8 WL, 10% MUD = 9.3 PPG, 49 VIS, 8 WL, 10% DRILL F/3448′ - T/4574′, (30/HR) MUD = 9.3 PPG, 49 VIS, 8 WL, 10% MUD = 9.3 PPG, 49 VIS, 8 WL, 10%	DOLS. RIG UP PASON EQUIPMENT. RIG UP SOLIDS DOLS. MIX SPUD MUD. DRILL RAT & MOUSE HOLE. T 91", MISS RUN. DRILL F/131" - T/150" WSPID MU T) WSPUD MUD. WT. = ALL, RPM = 110. CIRCULA G. RUN 7 JOINTS 9-5/8" 36#, J-55, ST&C CASING AS 19". 155", 111", 67". CEMENT CASING AS FOLLOWS: F. CELLO-FLAKE MIXED AT 15.6 PPG, 1.18 YIELD, 5. 2003, SHUT WELL IN, HAD FULL RETURNS, CIRCU PPA OF BLM. WAIT ON CEMENT. BACK OUT LAND LINE AND CHOKE MANIFOLD. PRESSURE TEST BE ABLE TO GET TEST. PUSHER WENT TO TOWN PIC ID RAMS, PIPE RAMS, KELLY VALVE, FLOOR VALVE LUG 15 MIN EACH TEST. TEST GOOD. TEST CASIN HIT WATER. REDRILL MOUSE HOLE. PICK UP BHA. PLUG FLOW LINE, CLEAN OUT FLOW LINE. DRIL WOB = 40, RPM = 75, 1150 PSI. MIX MUD. 8.5 PPG, 5018885, 10-11-11. 1-3/4 HRS, 187", 107/HR. IRVEY AT 805", 1 DEGREE (TELEDRIFT). DRILL F/8/ SURVEY AT 1307", 1 DEGREE (TELEDRIFT). DRILL F/8/ SURVEY AT 1855", 1 DEGREE (TELEDRIF	S CONTROL EQUIPMENT. SPUD WELL, DRILL T/131' W/SPUD MUD, D, WT. = ALL, RPM = 110. SURVEY AT 120', 1/2 DEGREE. TE AND CONDITION HOLE, SURVEY AT 304', 1/4 DEGREE. S FOLLOWS: GUIDE SHOE @ 331' - 332', PUMP 10 BBLS WATER, 240 SKS (283 CU FT) 2 GPS, DROP PLUG, DISPLACE WITH 23 BBLS WATER. LATE 23 BBLS (128 CU FT) GOOD CEMENT TO ING JOINT, NIPPLE UP BRADEN HEAD, NIPPLE UP BOP. DP, BLIND RAMS HAD SLOW LEAK. KED UP NEW RAMS AND TEST PLUG. IKILL LINE AND CHOKE MANIFOLD TO 300 PSI LOW 3 TO 500 PSI, 30 MIN TEST GOOD. I, RIH, TAG CEMENT AT 260'. I. OUT CEMENT SHOE JOINT. 32 VIS. DO'- T/1430', (100'/HR) F/1430' - T/1863', (108'/HR) F/1863' - T/2113', (71'/HR) = 8.7 PPG, 35 VIS, 11.2 WL. = 8.8 PPG, 36 VIS, 11.5 WL. DEGREE. DRILL F/2852' - T/3143', (61'/HR) D= 9.3 PPG, 36 VIS, 10.1 WL. IS, 11 WL. SERVICE RIG. DEGREE. DRILL F/3887' - T/4139', (35'/HR) D= 9.2 PPG, 38 VIS, 10 WL. CULATE HOLE WITH SWEDGE), Z'HIR) MUD = 9.2 PPG, 32 VIS, 8.8 WL. 4417', 1-1/4 DEGREES. IG. DRILL F/4574' - T/4750', (21'/HR)
	07/23/2003 07/23/2003 07/24/2003 07/26/2003	MOVE IN AND RIG UP ROTARY TO FINISH RIGGING UP ROTARY TO WT. = ALL, RPM = 110. SURVEY A DRILL F160°- T-1332′ (TOTAL DEPT POOH W/12 - 1/4" BIT FOR CASING 6 CENTRALIZERS @ 287, 243, 19 CLASS 8 NEAT, 26 CACL2, 1/4#S! PLUG DOWN AT 23:30 HRS 07/21/SURFACE, WITNESSED BY AL YAF NIPPLE UP BOP, FLOW LINE KILL PIPE RAMS HAD SLOW LEAK, UNAPRESSURE TEST BOP, TEST BLIN AND 1500 PSI HIGH WITH TEST PL CLEAN OUT MUD PITS, REFILL WID DRILL OUT CEMENT SHOE JOINT. DRILL 8-3/4" HOLE F/332" - T/519°, BIT #2 = 8-3/4", HTC, HXS-09CJ, # DRILL F/519' - T/845°, (93'/HR). SU MUD = 8.6 PPG, 34 VIS, 10.6 WIL. SMUD = 8.7 PPG, 34 VIS, 10.8 WIL. SMUD = 8.7 PPG, 34 VIS, 11 WIL. SE SURVEY AT 2353", 2 DEGREES (T) DRILL F/52581' - T/2852", (48'/HR). MUD = 9.1 PPG, 40 VIS, 11.8 WIL. SURVEY AT 3352', 1 DEGREE. DROTHLE F/3485' - T/3745°, (48'/HR). MUD = 9.3 PPG, 40 VIS, 11.0 WIL. SPOOH 25 STANDS DUE TO KELLY REPLACE KELLY HOSE TRIP BAC BIT #2 = 8-3/4", HTC, HXS-09CJ, # DRILL F/4448' - T/4574', (30'/HR). MUD = 9.3 PPG, 49 VIS, 8 WIL, 10% BIT #2 = 8-3/4", HTC, HXS-09CJ, # DRILL F/4448' - T/4574', (30'/HR). MUD = 9.3 PPG, 49 VIS, 8 WIL, 10% BIT #2 = 8-3/4", HTC, HXS-09CJ, # DRILL F/4448' - T/4574', (30'/HR). MUD = 9.3 PPG, 49 VIS, 8 WIL, 10% BIT #2 = 8-3/4", HTC, HXS-09CJ, #	DOLS. RIG UP PASON EQUIPMENT. RIG UP SOLIDS DLS. MIX SPUD MUD. DRILL RAT & MOUSE HOLE. T 91", MISS RUN. DRILL F/131" - T/160" WSPUD MU T 91", MISS RUN. DRILL F/131" - T/160" WSPUD MU G. RUN 7 JOINTS 9-5/8", 36#, J-55, ST&C CASING AS 19", 155", 111", 67". CEMENT CASING AS FOLLOWS: F K CELLO-FLAKE MIXED AT 15.6 PPG, 118 YIELD. 2003, SHUT WELL IN, HAD FULL RETURNS, CIRCU PPA OF BLM. WAIT ON CEMENT. BACK OUT LAND LINE AND CHOKE MANIFOLD. PRESSURE TEST & ABLE TO GET TEST. PUSHER WENT TO TOWN PIC ID RAMS, PIPE RAMS, KELLY VALVE, FLOOR VALVE LUG 15 MIN EACH TEST, TEST GOOD, TEST CASIN, 17H WATER. REDRILL MOUSE HOLE. PICK UP BHA L. PLUG FLOW LINE, CLEAN OUT FLOW LINE. DRILL WOB = 40, RPM = 75, 1150 PSI. MIX MUD, 8.5 PPG, 5018865, 10-11-11. 1-3/4 HRS, 187', 107/HR. IRVEY AT 1805', 1 DEGREE (TELEDRIFT). DRILL F/8/ ISURVEY AT 1307", 1 DEGREE (TELEDRIFT). DRILL F/8/ ISURVEY AT 1855', 1 DEGREE (TELEDRIFT). DRILL F/8/ ISURVE	S CONTROL EQUIPMENT. SPUD WELL, DRILL T/131' W/SPUD MUD, D, WT. = ALL, RPM = 110. SURVEY AT 120', 1/2 DEGREE. TE AND CONDITION HOLE, SURVEY AT 304', 1/4 DEGREE. S FOLLOWS: GUIDE SHOE @ 331' - 332', PUMP 10 BBLS WATER, 240 SKS (283 CU FT) 2 GPS, DROP PLUG, DISPLACE WITH 23 BBLS WATER. LATE 23 BBLS (128 CU FT) GOOD CEMENT TO ING JOINT, NIPPLE UP BRADEN HEAD, NIPPLE UP BOP. DP, BLIND RAMS HAD SLOW LEAK. KED UP NEW RAMS AND TEST PLUG. IKILL LINE AND CHOKE MANIFOLD TO 300 PSI LOW 3 TO 500 PSI, 30 MIN TEST GOOD. I, RIH, TAG CEMENT AT 260'. I. OUT CEMENT SHOE JOINT. 32 VIS. DO'- T/1430', (100'/HR) F/1430' - T/1863', (108'/HR) F/1863' - T/2113', (71'/HR) = 8.7 PPG, 35 VIS, 11.2 WL. = 8.8 PPG, 36 VIS, 11.5 WL. DEGREE. DRILL F/2852' - T/3143', (61'/HR) D= 9.3 PPG, 36 VIS, 10.1 WL. IS, 11 WL. SERVICE RIG. DEGREE. DRILL F/3887' - T/4139', (35'/HR) D= 9.2 PPG, 38 VIS, 10 WL. CULATE HOLE WITH SWEDGE), Z'HIR) MUD = 9.2 PPG, 32 VIS, 8.8 WL. 4417', 1-1/4 DEGREES. IG. DRILL F/4574' - T/4750', (21'/HR)
	07/22/2003 07/23/2003 07/24/2003 07/26/2003 14. I hereby	MOVE IN AND RIG UP ROTARY TO FINISH RIGGING UP ROTARY TOO WT. = ALL, RPM = 110. SURVEY A DRILL F160°- T-1332′ (TOTAL DEPT POOH W/12 - 1/4" BIT FOR CASING 6 CENTRALIZERS @ 287°, 243°, 19 CLASS 8 NEAT, 2% CACL2, 1/4#SI PLUG DOWN AT 23:30 HRS 07/21/SURFACE, WITNESSED BY AL YAF NIPPLE UP BOP, FLOW LINE KILL PIPE RAMS HAD SLOW LEAK, UNV PRESSURE TEST BOP, TEST BLIN AND 1500 PSI HIGH WITH TEST PICLEAN OUT MUD PTIS, REFILL WID CLEAN OUT MUD PTIS, REFILL WID RILL OUT CEMENT SHOE JOINTDRILL 8-3/4" HOLE F/332" - T/519°, BIT #2 = 8-3/4", HTC, HXS-09CJ, #3 MUD = 8.7 PPG, 34 VIS, 10.8 WL. SMUD = 8.7 PPG, 34 VIS, 10.8 WL. SMUD = 8.7 PPG, 34 VIS, 10.8 WL. SMUD = 8.7 PPG, 34 VIS, 110.8 WL. SMUD = 9.7 PPG, 34 VIS, 110.8 WL. SMUD = 9.7 PPG, 34 VIS, 110.8 WL. SMUD = 9.7 PPG, 40 VIS, 11.8 WL. SMUD = 9.7 PPG, 40 VIS, 11.8 WL. SMUD = 9.3 PPG, 40 VIS, 110 WL. SMUD = 9.3 PPG, 40 VIS, 8 WL. 10 WL. SMUD = 9.3 PPG, 40 VIS, 8 WL. 10 WL. SMUD = 9.3 PPG, 40 VIS, 8 WL. 10 WL. SMUD = 9.3 PPG, 40 VIS, 8 WL. 10 WL. SMUD = 9.3 PPG, 40 VIS, 8 WL. 10 WL. SMUD = 9.3 PPG, 40 VIS, 8 WL. 10 WL. SMUD = 9.3 PPG, 40 VIS, 8 WL. 10	DOLS. RIG UP PASON EQUIPMENT. RIG UP SOLIDS DLS. MIX SPUD MUD. DRILL RAT & MOUSE HOLE. T 91", MISS RUN. DRILL F/131" - T/160" WSPUD MU DWD, WT. = ALL, RPM = 110. CIRCULA G. RUN 7 JOINTS 9-5/8". 36#, J-55, ST&C CASING AS 19". 155", 111", 67". CEMENT CASING AS FOLLOWS: F. CELLO-FLAKE MIXED AT 15.6 PPG, 1.18 YIELD; 5. 2003, SHUT WELL IN, HAD FULL RETURNS, CIRCU PPA OF BLM. WAIT ON CEMENT. BACK OUT LAND PPA OF BLM. WAIT ON CEMENT. BACK OUT LAND LINE AND CHOKE MANIFOLD. PRESSURE TEST 8. ABLE TO GET TEST. PUSHER WENT TO TOWN PIC ID RAMS, PIPE RAMS, KELLY VALVE, FLOOR VALVE LUG 15 MIN EACH TEST. TEST GOOD, TEST CASIN THY WATER. REDRILL MOUSE HOLE. PICK UP BHA. PLUG FLOW LINE, CLEAN OUT FLOW LINE. DRIL WOB = 40, RPM = 75, 1150 PSI. MIX MUD, 8.5 PPG, 5018885, 10-11-11. 1-3/4 HRS, 187", 107/HR. IRVEY AT 805", 1 DEGREE (TELEDRIFT). DRILL F/8/ SURVEY AT 1807", 1 DEGREE (TELEDRIFT). DRILL F/8/ SURVEY AT 1805", 1 DRILL F/1314", 1 T/3/ SERVICE RIG. DRILL F/3/143" - T/3/360", (48/HR) MUD MUD = 9.0 PPG, 35 VIS, 9 WL. SURVEY AT 1805", 1 DRILL F/1430" - T/4/ RUMD = 9.0 PPG, 35 VIS, 9 WL. MUD = 9.3 PPG, 35 VIS, 9 WL. SURVEY AT 1805", 1 T/4/ SURVEY A	S CONTROL EQUIPMENT. SPUD WELL, DRILL T/131' W/SPUD MUD. D, WT. = ALL, RPM = 110. SURVEY AT 120'. 1/2 DEGREE. TE AND CONDITION HOLE, SURVEY AT 304', 1/4 DEGREE. S FOLLOWS: GUIDE SHOE @ 331' - 332', PUMP 10 BBLS WATER, 240 SKS (283 CU FT) 2 GPS, DROP PLUG, DISPLACE WITH 23 BBLS WATER. LATE 23 BBLS (128 CU FT) GOOD CEMENT TO ING JOINT, NIPPLE UP BRADEN HEAD, NIPPLE UP BOP. DP, BLIND RAMS HAD SLOW LEAK. KED UP NEW RAMS AND TEST PLUG. I, KILL LINE AND CHOKE MANIFOLD TO 300 PSI LOW 3 TO 500 PSI, 30 MIN TEST GOOD. L RIH, TAG CEMENT AT 260'. L OUT CEMENT SHOE JOINT. 32 VIS. DS' - T/1430': (100'/HR) P/1430' - T/1863'; (108'/HR) F/1863' - T/2113', (71'/HR) = 8.7 PPG, 36 VIS, 11.5 WL. DEGREE. DRILL F/2852' - T/3143', (61'/HR) D = 9.3 PPG, 36 VIS, 10.1 WL. IS, 11 WL. SERVICE RIG. DEGREE. DRILL F/3887' - T/4139', (35'/HR) D = 9.2 PPG, 38 VIS, 10 WL. CULATE HOLE WITH SWEDGE), P/HR) MUD = 9.2 PPG, 32 VIS, 8.8 WL. 4417'. 1-1/4 DEGREES. IG. DRILL F/4574' - T/4750', (21'/HR) IR) MUD = 9.3 PPG, 48 VIS, 9.2 WL, 7% LCM.

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

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including, estimated date of starting work.

If well is directionally drilled give subsurface locations and measured and true vertical depths for all markers and zones of pertinent to this work.

07/28/2003

DRILL F/4448' - T/4882', (18'/HR) MUD = 9.3 PPG, 44 VIS, 8.2 WL, 7% LCM. SURVEY AT 4852', 1 DEGREE. DRILL F/4882' - T/5040', (25'/HR) MUD = 9.6 PPG, 45 VIS, 8.5 WL, 3% LCM. LOST CIRCULATION (100 BBLS), TRIED TO RUN SOLIDS CONTROL EQUIPMENT TO LOWER MUD WT. GETTING OUT OF HAND. POOH WITH 10 STANDS DRILL PIPE. MIX MUD AND LCM, BUILD VOLUME, MUD = 8.7 PPG, 55 VIS, 10 WL, 10% LCM. REGAIN CIRCULATION. TRIP BACK TO BOTTOM. DRILL F/5040' - T/5240', (17'/HR) MUD = 9.1 PPG, 60 VIS, 10 WL, 8% LCM. BIT #2 = 8-3/4", HTC, HXS-09CJ, #5018885, 10-11-11. 4908', 108 HRS = 45'/HR.

07/29/2003

DRILL F/5240' - T/5287", (17'/HR) MUD = 9.1 PPG, 50 VIS, 8.8 WL, 9% LCM. CIRCULATE AND CONDITION HOLE FOR TRIP. TRIP OUT OF THE HOLE FOR BIT. FUNCTION TEST BOP, CHANGE OUT BITS. TRIP IN THE HOLE WITH BIT #3. WASH AND REAM 40' TO BOTTOM. DRILL F/5287' - T/5411', (15'/HR) MUD = 9.2 PPG, 48 VIS, 8.4 WL, 9% LCM. SERVICE RIG. DRILL F/5411' - T/5442', (21'/HR) MUD = 9.2 PPG, 48 VIS, 8.4 WL, 9% LCM. SURVEY AT 5432', 1 DEGREE. DRILL F/5442' - T/5450', (8'/HR) MUD = 9.2 PPG, 48 VIS, 8.4 WL, 9% LCM. POOH 10 STANDS TO REPACK WASHPIPE ON SWIVEL. BIT #2 = 8-3/4", HTC, HXS-09CJ, #5018885, 10-11-11. 4955', 110.75 HRS = 45'/HR, 4, 4, 8T, IN, SE, 1/8, HRS. BIT #3 = 8-3/4", HTC, HR-30C, #5030570, 10-11-11. 163', 10.75 HRS = 15'/HR.

07/30/2003

POOH 10 STANDS TO REPACK WASPIPE ON SWIVEL. REPACK WASH PIPE ON SWIVEL. SERVICE RIG, INSPECT DERRICK. RIH TO BOTTOM. DRILL F/5450' - T/5567', (14'/HR) MUD = 9.3 PPG, 40 VIS, 8.8 WL, 6% LCM. SERVICE RIG. DRILL F/5660', (12'/HR) MUD = 9.4 PPG, 44 VIS, 10 WL, 7% LCM. SERVICE RIG. DRILL F/5660' - T/5725', (11'/HR) MUD = 9.3 PPG, 44 VIS, 10 WL, 8% LCM. BIT #3 = 8-3/4", HTC, HR-30C, #5030570, 10-11-11. 438', 32.25 HRS = 13'/HR.

07/31/2003

DRILL F/5725' - T/5737', (12'/HR) MUD = 9.3 PPG, 42 VIS, 9 WL, 8% LCM. REPAIR MUD PUMP. DRILL F/5737' - T/5786', (12'/HR) MUD = 9.1 PPG, 40 VIS, 9 WL, 7% LCM. SERVICE RIG. DRILL F/5786' - T/5940', (14'/HR) MUD = 9.4 PPG, 40 VIS, 9 WL, 5% LCM. SURVEY AT 5932', 1 DEGREE. SERVICE RIG. DRILL F/5940' - T/6050', (17'/HR) MUD = 9.4 PPG, 43 VIS, 9 WL, 5% LCM. BIT #3 = 8-3/4", HTC, HR-30C. #5030570, 10-11-11. 763', 54.75 HRS = 14'/HR.

08/01/2003

DRILL F/6050' - T/6128', (20'/HR) MUD = 9.4 PPG, 45 VIS, 10 WL, 6% LCM. SERVICE RIG. DRILL F/6128' - T/6135', (TD), (14'/HR) MUD = 9.3 PPG, 70 VIS, 10 WL, 5% LCM. CIRCULATE AND CONDITION HOLE. SHORT TRIP 10 STANDS, NO DRAG, NO FILL. CIRCULATE AND CONDITION HOLE, WAIT ON HALLIBURTON. POOH FOR LOGS. RIG UP HALLIBURTON, LOG WELL F/6131' - T/332', RIG DOWN HALLIBURTON. TRIP IN THE HOLE, BREAK CIRCULATION @ 800' & 3600'. LOST 100 BBLS MUD, REGAIN FULL CIRCULATION. BIT #3 = 8-3/4", HTC, HR-30C, #5030570, 10-11-11. 848', 59.25 HRS = 14'/HR, 3, 3, WT, ALL, E. 1/8. NO. TD.

08/02/2003

TRIP IN THE HOLE. CIRCULATE AND CONDITION HOLE. TRIP OUT, LAY DOWN DRILL PIPE AND DRILL COLLARS. CHANGE OUT PIPE RAMS FOR CASING RAMS, RIG UP CASING CREW. RUN 57 JOINTS OF 7" CASING, TAG BRIDGE AT 3505'. RIG UP SWEDGE, WASH THROUGH BRIDGE, NO RETURNS, LOST 150 BBLS MUD. RUN 87 MORE JTS OF 7" CASING, LAND AT 6135' (DV TOOL @ 3770' & PORT COLLAR @ 1508'). RIG UP BJ SERVICES, TRY TO CIRCULATE HOLE, MIX MUD AND BUILD VOLUME. LOST APPROX. 275 BBLS MUD, NO RETURNS. CEMENT FIRST STAGE AS FOLLOWS: PUMP 10 BBLS MUD CLEAN, 5 BBLS WATER, 10 BBLS GEL WATER, 5 BBLS WATER CEMENT WITH 100 SKS (250 CU FT) TYPE 3, 3% KCL, 8% BENTONITE, .25#/SK CELLO-FLAKE, 4#/SK PHENO-SEAL, 0.3% SODIUM METASILICATE FOR LEAD SLURRY MIXED AT 12.2 PPG, 2.5 YIELD, 14.22 GPS. 75 SKS (157 CU FT) PREMIUM LITE HS FM, 5% SODIUM CHLORIDE, 0.25#/SK CELLO-FLAKE, 4#/SK PHENO-SEAL, 0.3% CO-32 FOR TAIL CEMENT MIXED AT 12.5 PPG, 2.09 YIELD, 10.83 GPS. DISPLACE WITH 93 BBLS WATER AND 148 BBLS MUD, REGAIN CIRCULATION 30 BBLS INTO DISPLACEMENT, FULL RETURNS, 515 PSI LIFT PRESSURE, BUMP PLUG AT 01:00 HRS. 08/02/2003, FLOAT HELD. DROP DV SHIFT TOOL, OPEN DV TOOL WITH 650 PSI, CIRCULATE AND WAIT ON CEMENT.

08/03/2003

CEMENT SECOND STAGE AS FOLLOWS: PUMP 5 BBLS WATER, 10 BBLS MUD CLEAN, 5 BBLS WATER CEMENT WITH 381 SKS (952 CU FT) TYPE 3, 3% KCL, 8% BENTONITE, .25#/SK CELLO-FLAKE, .4#/SK PHENO-SEAL, 0.3% SODIUM METASILICATE FOR LEAD SLURRY MIXED AT 12.2 PPG, 2.5 YIELD, 14.22 GPS. 76 SKS (159 CU FT) PREMIUM LITE HS FM, 5% SODIUM CHLORIDE, 0.25#/SK CELLO-FLAKE, .4#SK PHENO-SEAL, 0.3% CD-32 FOR TAIL CEMENT MIXED AT 12.5 PPG, 2.09 YIELD, 10.83 GPS. DISPLACE WITH 148 BBLS WATER, LOST CIRCULATION 111 BBLS INTO DISPLACEMENT, REGAIN FULL RETURNS 127 BBLS INTO DISPLACEMENT, HAD 850 PSI LIFT PRESSURE, NO CEMENT TO SURFACE, PLUG DOWN AT 06:52 HRS. 08/02/2003, FLOAT HELD. NIPPLE DOWN BOP, SET SLIPS (WT?), CUT OFF CASING RIG DOWN ROTARY TOOLS, INSTALL TRASH CAP ON WELLHEAD. RIG RELEASED AT 14:00 HRS 08/02/2003. MOVE TO THE BOIS D' ARC DIVIDE 22 #2. WILL RUN GR-CBL LOG TO SURFACE.