RCVD OCT 15 '08
OIL CONS. DIV.
DIST. 3

In Lieu of
Form 3160
(June 1990)

UNITED STATES
DEPARTMENT OF INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No 1004-0135
Expires. March 31, 1993

OCT 02 2008

SUNDRY NOTICE AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir. Use "APPLICATION TO DRILL" for permit for such proposals

SUBMIT IN TRIPLICATE

5. Lease Designation and Serial No
NMSF-078763

6. If Indian, Allottee or Tribe Name

7 If Unit or CA, Agreement Designation
Rosa Unit

1 Type of Well
Oil Well Gas Well **X** Other

8. Well Name and No.
Rosa Unit #360A

2 Name of Operator
WILLIAMS PRODUCTION COMPANY

9 API Well No
30-039-30556

3 Address and Telephone No.
PO Box 640 Aztec, NM 87410-0640

10 Field and Pool, or Exploratory Area
Basin Fruitland Coal

4 Location of Well (Footage, Sec., T., R., M , or Survey Description)
Surface: Lot G, 1470 FNL & 2095 FEL, Sec 9, T31N, R5W
BHL: LotC, 948 FNL & 2251 FWL, Sec 9, T31N, R5W

11 County or Parish, State
Rio Arriba, New Mexico

CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
Notice of Intent	Abandonment	Change of Plans
	Recompletion	New Construction
X Subsequent Report	Plugging Back	Non-Routine Fracturing
	Casing Repair	Water Shut-Off
Final Abandonment	Altering Casing	Conversion to Injection
	X Other Completion	Dispose Water
		(Note Report results of multiple completion on Well Completion or Recompletion Report and Log form)

13 Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

09-03-2008
Recap. Road rig from Rosa 240A, Load out equipment & move to Rosa 360A.set rig ramp, spot rig on ramp, spot catwalk & pipe rack, spot rig pit & pump, raise derrick, RU surface equipment. Spot air package. --- ND WH, NU BOP, RU rig floor, PU and RU tongs. --- **Test blind rams & 7" csg to 1500 psi w/ rig pump and hold for 30 minutes, no leak off.** --- Secure well & equipment, SDFN no accidents reported

09-04-2008
Recap: SM w/ rig crew, check & start equipment. --- Tally, PU, MU & RIW- 6-1/4" bit, bit sub, eight 4-3/4" DC's, X-over sub, & 106 jts 2-7/8" AOH DP, Tag FC @ 3600'. --- PU 3.5 PS, Break circ w/ produced coal water, DO, FC @ 3600', cmt and 7" csg shoe @ 3647'. --- Circ bottoms up, pull up of bottom --- Secure well & equipment, SDFN, no accidents reported.

09-05-2008
Recap: SM w/ rig crew, check & start equipment. --- Begin drilling formation @ 3647', mud loggers on location, **DO from 3647' to TD @ 3912'**. --- Circ bottoms up. --- unload hole w/ air. --- LD 9 jts DP & pull into 7" csg --- Secure well & equipment, SDFN no accidents reported.

14. I hereby certify that the foregoing is true and correct

Signed Larry Higgins Title **Drilling C.O.M.** Date **October 2, 2008**

ACCEPTED FOR RECORD

(This space for Federal or State office use)

Approved by _____ Title _____ Date OCT 14 2008

FARMINGTON FIELD OFFICE
BY TL Salyers

Conditions of approval, if any.

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

NMOCD

9-06-2008
Recap: SM w/ rig crew, check & start equipment, SICP 800 psi, bleed well down slow @ 2" line Basin Wireline broke down on Rosa Rd w/ 2 flats, wait on wireline truck. -- SM, w/ all personnel on location. RU Basin WL, PU Scientific Drilling Gyro & RIW. --- POOW w/ WL & Gyro, RD Basin WL. Deviation @ TD 14.4 degrees. --- LD 8 jts DP, TOH & standback, DP & DC's. --- Secure well & location, SDFN, no accidents reported.

09-07-2008
Recap: SM w/ rig crew, service & start equipment. SICP 650 psi, Bleed well down slow @ 2" line. --- PU, MU, & RIW as follows, Knight UR, bit sub, eight 4-3/4" DC's, X-over sub & 108 jts AOH DP. --- PU & RU 3.5 PS, PU 1 jt DP, RIW to 3453', break circ w/ 10 bph A/S mist, open UR arms @ 3653'. --- UR from 3653' to TD @ 3912', Pump 1 3bbl sweep, circulate hole clean, --- LD 9 jts DP pull into 7"csg, RD & hang back 3.5 PS. --- FLOW TEST: Duration = .5 hr, Test Method = pitot, MCF/D = 217 mcf/d, Csg Psi = 2 ozs, Tbg Psi = 0 psi , Gas Type = dry, Gas Disposition = non flaring, Choke Size = 2" open line. --- TOH & standback, 20 stands of DP, --- Secure well & location, SDFN, no accidents reported.

09-08-2008
Recap: SICP 925 psi, Bleed well down slow @ 2" line. --- TOH & standback DP & DC's, breakoff UR & LD. --- TIH w/ 6-1/4 bit, bit sub, eight 4-3/4" DC's, X-over sub & 108 jts 2-7/8" AOH DP to shoe. --- Cavitate from shoe w/ energized surges to 1200 psi. --- Turn well over to flowback hand & air hand for overnight cavitation, no accidents reported.

09-09-2008
Recap: Cavitate from shoe w/ energized surges to 1200 psi, & natural surges. --- SM w/ rig crew, service & start equipment. SICP 250 psi, Surge well to pit @ blooie line. --- PU 1 jt DP, tagged bridge @ 3640' bridged off @ shoe. Break circulation w/ 10 bph air/mist w/ 1 gal foamer, 1/2 gal shale treat, & 1/2 gal corrosion inhibitor per 20bbl water. cleared bridge unloaded medium fine to 1/8" coal. Cleanout to TD @ 3912', returns were lt fines & heavy dark grey water. Work pipe & pump sweeps as needed. Blow well dry w/ air. --- LD 9 jts DP & pull into 7" csg --- FLOW TEST: Duration = 1 hr, Test Method = pitot, Mcfd = 247 Mcfd, Csg Psi = 2.5 oz, Tbg Psi = 0 psi , Gas Type = dry, Gas Disposition = non flaring, Choke Size = 2" open line. 1 hour shut in test, 15min= 70 psi, 30min= 100psi, 45min= 150 psi, 60min= 160 psi. --- Secure well, turn well over to flowback hand & air hand for overnight cavitation. --- Air hand reported @ 17:00 that the packing on the PS was leaking and wouldn't allow him to build surges, instructed night crew to run 3 & 4 hour naturals tonight.

09-10-2008
Recap: Cavitate from shoe w/ energized surges to 1200 psi, & natural surges. --- SM w/ rig crew, service & start equipment. SICP 250 psi, Surge well to pit @ blooie line. --- PU 1 jt DP, tagged bridge @ 3640' bridged off @ shoe. Break circulation w/ 10 bph air/mist w/ 1 gal foamer, 1/2 gal shale treat, & 1/2 gal corrosion inhibitor per 20bbl water, cleared bridge unloaded heavy fine to 1/8" coal. Tagged fill @ 3876', 36' of loose fill Cleanout to TD @ 3912', returns were med fine to 1/8" coal & heavy dark grey water. Work pipe & pump sweeps as needed. --- Blow well dry w/ air. --- LD 9 jts DP & pull into 7" csg. --- Secure well, turn well over to flowback hand & air hand for overnight cavitation.

09-11-2008
Recap: Cavitate from shoe w/ energized surges to 1200 psi, & natural surges. SICP 250 psi, Surge well to pit @ blooie line. --- PU 1 jt DP, tagged bridge @ 3640', bridged off @ shoe. Break circulation w/ 10 bph air/mist w/ 1 gal foamer, 1/2 gal shale treat, & 1/2 gal corrosion inhibitor per 20bbl water, cleared bridge unloaded very heavy fine to 1/4" coal. Tagged fill @ 3887', 25' of loose fill. Cleanout to TD @ 3912', returns were med fine to 1/8" coal & heavy dark grey water. Work pipe & pump sweeps as needed. --- Blow well dry w/ air. --- LD 8 jts DP, set bit @ 3666', 19' into OH to try and keep from bridging off in 7" csg. --- Secure well, Turn well over to flowback hand & air hand for overnight cavitation, no accidents reported.

09-12-2008
Recap: Cavitate from shoe w/ energized surges to 1200 psi, & natural surges. SICP 500 psi, Surge well to pit @ blooie line --- PU 2 jt DP, tagged bridge @ 3705. Break circulation w/ 10 bph air/mist w/ 1 gal foamer, 1/2 gal shale treat, & 1/2 gal corrosion inhibitor per 20bbl water cleared bridge unloaded very heavy fine to 1/4" coal. Tagged fill @ 3882', 30' of loose fill. Cleanout to TD @ 3912' returns were med fine to 1/8" coal & heavy black water. Work pipe & pump sweeps as needed. --- Blow well dry w/ air. --- LD 8 jts DP, set bit @ 3666', 19' into OH to try and keep from bridging off in 7" csg --- FLOW TEST: Duration = 1 hr, Test Method = pitot, MCFD = 404 Mcfd, Csg Psi = 7 oz, Tbg Psi = 0 psi , Gas Type = dry, Gas Disposition = non flaring, Choke Size = 2" open line. --- Secure well, turn well over to flowback hand & air hand for overnight cavitation.

09-13-2008
Recap: Cavitate from shoe w/ energized surges to 1200 psi, & natural surges. --- SM w/ rig crew, service & start equipment. SICP 550psi, Surge well to pit @ blooie line. --- PU DP, check for fill, well clean to 3900' 12" of fill. Break circulation w/ 10 bph air/mist w/ 1 gal foamer, 1/2 gal shale treat, & 1/2 gal corrosion inhibitor per 20bbl water Cleanout to TD @ 3912', returns were med fine to 1/4" coal & med black water. Work pipe & pump sweeps as needed. --- Blow well dry w/ air --- LD 8 jts DP, set bit @ 3666', 19' into OH to try and keep from bridging off in 7" csg. --- Secure well, turn well over to flowback hand & air hand for cavitation, no accidents reported.

09-14-2008
Recap: Cavitate from 3666' w/ energized surges to 1200 psi, & natural surges.

09-15-2008
Recap: Cavitate from 3666' w/ energized Surges to 1200 PSI, & Nat. Surges --- SM w/ rig crew, Service & start equipment. SICP 550 PSI, Surge well to Pit @ blooie line. --- PU DP, check for fill, well clean to 3800' 12' of fill. Break circulation w/ 10 bph air/mist w/ 1 gal foamer, 1/2 gal Corrosion inhibitor/shale treatment per 20 bbls water. CO to TD @ 3912' returns were med fine to 1/8" coal/shale & med black water. Work pipe & pump sweeps as needed. --- LD 2 Jts DP, Blow well Dry w/ AIR ONLY. --- LD 8 Jts DP, set bit @ 3666', 19' into OH to try and keep from bridging off in 7" csg. --- FLOW TEST: Duration = 1hr, Test Method = Pitot, MCFD = 600 Mcfd, Casing PSI = 5oz, Tubing PSI = 0 due to string float, Gas Type = Dry, Gas Disposition = non-flaring, Choke Size = 2" open line --- Secure well, turn well over to flowback hand & air hand for cavitation, no accidents reported.

09-16-2008
Recap: Cavitate from shoe w/ energized Srg's to 1000 PSI. Travel to location. --- SM w/ rig crew, check & start equipment. SICP 600 PSI, Srg well to pit @ blooie line --- PU 2 Jts DP tag bridge @ 3517', Break Circ. w/ 8 bph air/mist w/1gal foamer, 1/2 gal corrosion inhibitor/shale treatment per 20 bbls water Cleared Bridge, brought back heavy fine to 4" coal, work pipe and pump sweeps, CO to 3600', work pipe and pump sweeps through bottom coal section, running med to hvy fine to 4" coal and light 1/4" shale at this depth, tag fill @ 3717' - 10' of loose fill, CO to TD 3725'. --- LD 9 Jts DP set bit @ 3480', 10' into open hole. --- Secure well, Turn well over to flowback hand & air hand for weekend cavitation, no accidents reported.

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09-17-2008
Recap: Cavitate from 3666' w/ energized Srg's to 1200 PSI, & Nat. Srg's. --- SM w/ rig crew, Service & start equipment. SICP 600 PSI, Srg well to Pit @ blooie line. --- PU DP, check for fill, well clean to 3800' 12' of fill. Break circulation w/ 10 bph air/mist w/ 1 gal foamer, 1/2 gal Corrosion inhibitor/shale treatment per 20 bbls water. CO to TD @ 3912' returns were med fine to 1/8" coal/shale & med black water. Work pipe & pump sweeps as needed --- LD 2 Jts DP, Blow well Dry w/ AIR ONLY. LD 7 Jts DP, set bit @ 3666', 19' into OH to try and keep from bridging off in 7" csg. --- Nat Flow well to get Air off well. --- FLOW TEST: Duration = 1hr, Test Method = Pitot, MCFD = 600 Mcfd, Casing PSI = 11oz, Tubing PSI = 0 due to string float, Gas Type = Dry, Gas Disposition = non-flaring, Choke Size = 2" open line. --- Secure well, Turn well over to flowback hand & air hand for cavitation, no accidents reported.

09-18-2008
Recap: Cavitate from 3660', w/ Energized Surges to 1200PSI, & Natural Surges. --- JHA w/ Rig Crew, and Air Hand, service and start equipment. --- PU DP, Check for fill, well clean to 3800' 12' of fill. Break circulation w/ 8 bph air/mist w/ 1gal foamer, 1/2 gal shale treat/corrosion inhibitor per 20bbls water. --- Cleanout to TD @ 3912, returns were med fines to 1/8" coal/shale & med amounts of black water Work pipe & pump sweeps as needed. --- LD 8 jts DP, Set bit @ 3660', 13' into OH to try & keep from bridging off in 7" csg. --- Build Air only break-over, well broke @ 1200 PSI. Release, down blooie line, returns black dust, light coal fines to 1/8", and dry gas. --- Secure well, turn well over to flowback hand & air hand for cavitation, no accidents reported.

09-19-2008
Recap: Cavitate from 3660' w/ energized surges to 1200 psi, & natural surges. --- SM w/ rig crew & air hand. Service & start rig & equipment. SICP 550 psi, surge well to pit doen the blooie line. --- PU DP, check for fill, well clean to 3810', 2' of fill. Break circulation w/8bph air/mist w/ 1gal foamer, 1/2 gal shale treat/corrosion inhibitor per 20bbls water. --- Cleanout to TD @3912', returns were med fine to 1/8" coal & med black water. Work pipe & pump sweeps as needed. --- LD 2 Jts DP and Dry up well w/ Air Only. LD 7 Jts DP, set bit @3660', 25' into OH to try and keep from bridging off in the 7" csg. --- Nat Flow well to get Air off well. --- FLOW TEST: Duration = 1hr, Test Method = Pitot, MCFD = 600 Mcfd, Casing PSI = 15oz, Tubing PSI = 0 due to string float, Gas Type = Dry, Gas Disposition = non-flaring, Choke Size = 2" open line. --- Secure well. Turn well over to flowback hand & air hand for cavitation, no accidents reported.

09-20-2008
Recap: Flowback and air hand, cavitate well w/ energized and Nat surges.

09-21-2008
Recap: Flowback and Air hand, cavitate well w/ energized and Nat surges.

09-22-2008
Recap: Cavitate from 3660' w/ energized surges to 1200 psi, & natural surge. --- SM w/ rig crew & air hand. Service & start Rig and equipment SICP 600 psi, surge well to pit down blooie line. --- PU DP, check for fill, well clean to 3802', 10' of fill. Break circulation w/ 8 bph air/mist w/ 1gal foamer, 1/2 gal shale treat/corrosion inhibitor per 20 bbls water. --- Cleanout to TD @ 3912' returns were med fine to 1/8" coal & med black water, work pipe 7 pump sweeps as needed. --- LD 2 Jts DP and Dry up well w/ Air Only. LD 7 Jts DP, set bit @ 3660', 25' into OH to try to keep from bridging off in 7" csg. --- Nat Flow well to get air off well --- FLOW TEST: Duration = 1hr, Test Method = Pitot, MCFD = 514 Mcfd, Casing PSI = 11oz, Tubing PSI = 0 due to string float, Gas Type = Dry, Gas Disposition = non-flaring, Choke Size = 2" open line. --- Secure well. Turn well over to flowback & air hand for cavitation, no accidents reported.

09-23-2008
Recap: Cavitate from 3660' w/ energized surges to 1200 PSI, & natural surge. --- SM w/ rig crew & air hand. Service & start rig and equipment. SICP 780 PSI, surge well to pit down the blooie line. --- PU DP, check for fill. Well clean to 3866', 46' of fill. Break circulation w/ 8 bph air/mist w/ 1gal foamer, 1/2 gal shale treat/corrosion inhibitor per 20 bbls water. CO to TD @ 3912', returns were hvy fine coal & hvy black water. Work pipe & pump sweeps as needed. --- LD 2 Jts DP and Dry up well w/ Air Only LD 7 Jts DP, set bit @ 3660', 25' into OH try and keep from bridging off in 7" csg --- Nat Flow well to get Air off well. --- FLOW TEST: Duration = 1hr, Test Method = Pitot, MCF/D = 600 mcf/d, Casing PSI = 15oz, Tubing PSI = 0 due to string float, Gas Type = Dry, Gas Disposition = non-flaring, Choke size = 2" open line. --- Secure well. Turn well over to flowback hand & air hand form cavitation. No accidents reported

09-24-2008
Recap: Cavitate from 3660' w/ energized surges to 1200 PSI, & Natural surges. --- SICP 720 PSI, Surge well to pit down the blooie line. --- PU DP, check for fill 3876' 36' of fill. Break circulation w/ 8 bph air/mist, w/ 1 gal foamer, 1/2 gal shale treat/ corrosion inhibitor per 20 bbls water. CO to TD @ 3912', returns were hvy fine coal & hvy black water. Work pipe and pump sweeps as needed. --- LD 2 Jts DP and Dry up well w/ Air Only. LD 7 Jts DP, set bit @ 3660', 25' into OH to try and keep from bridging off in the 7" csg. --- Nat Flow well to get Air off well. --- FLOW TEST: Duration = 1hr, Test Method = Pitot, MCF/D = 600 mcf/d, Casing PSI = 0 due to string float, Gas Type = Dry, Gas Disposition = non-flaring, Choke Size = 2" open line. --- Secure well. Turn well over to flowback hand & air hand for cavitation. No accidents reported.

09-25-2008
Recap: Cavitate from 3660' w/ Nat Srg's, 4 hr Nat Build. --- SM w/ rig crew & air hand. Service & start rig and equipment. SICP 550 PSI, Surge well to pit down the blooie line. --- PU DP, Check for fill, well clean to 3892, 20' of fill. Break circulation w/ 8 bph air/mist w/ 1 gal foamer, 1/2 gal shale treat/ corrosion inhibitor per 20 bbls water. CO to TD @ 3912', returns were hvy fine to 1/8" coal, light fine shale, & hvy black water. Work pipe & pump sweeps as needed. --- LD 2 Jts DP and Dry up well w/ Air Only. LD 7 Jts DP, set bit @ 3660', 25' into OH to try and keep from briding off in 7" csg. --- Nat Flow well to get air off well. --- FLOW TEST: Duration = 1hr, Test Method = Pitot, MCF/D = 623 mcf/d, Casing PSI = 17oz, Tubing PSI = 0 due to string float, Gas Type = Dry, Gas Disposition = non-flaring, Choke Size = 2" open line. Secure well. Turn well over to flowback hand & air hand flow well over night No Accidents Reported

09-26-2008
Recap: Flow and Flare well overnight. --- SM w/ rig crew & air hand. Service & start Rig and equipment. --- PU DP, Check for fill, well clean to 3910', 2' of fill. Break circulation w/ 8bph air/mist w/ 1 gal foamer, 1/2 gal shale treat/corrosion inhibitor per 20 bbls water. Cleanout to TD #3912', returns were light fine coal & hvy black water. Work pipe & pump sweeps as needed. --- LD 2 Jts DP and Dru up well w/ AIR ONLY. LD 7 Jts DP, set bit @ 3660', 25' into OH to try and keep from bridging off in 7" csg. --- Nat Flow well to get air off well. **--- FLOW TEST: Duration = 1hr, Test Method = Pitot, MCF/D = 687 mcf/d, Casing PSI = 20oz, Tubing PSI = 0 due to string float, Gas Type = Dry, Gas Disposition = non-flaring, Choke Size = 2" open line. Secure well.** Turn well over to flowback hand & air hand flow well overnight. No Accidents Reported.

09-27-2008
Recap: Flow well to Burn Pit Down Blooie line w/ Flowback and Air Hand. --- SM w/ rig crew & air hand, service & start rig and equipment. --- PU DP check for fill. Tagged fill @ 3900'. Break circulation w/ 10 bph air/mist w/ 1 gal foamer, 1/2 gal shale treat/corrosion inhibitor per 20 bbls water. Returns, med coal fines, work pipe & pump sweeps, Clean out to TD @ 3912' --- LD 12 Jts of DP, hang off 3 5 PS. TOOH & stand back DP and DC's --- SM w/ all personnel **RU San Juan Casing PU, MU and TIH as follows: LA set shoe, 8 jts 5-1/2" 15.5, K-55 csg (370/70'), H-latch. --- TIH w/ liner assembly & 99 Jts AOH DP. PU DP singles run in slow, tagged @ 3875' circ totate to 3912'. Release liner @ 3912' PBTD @ 3912'. --- 7" shoe @ 3647', Liner top @ 3537', Liner bottom @ 3912', 110' overlap.** --- RD & LD 3.5 PS. TOOH & LD 8 Jts DP. --- Secure well & equipment. SIFN. No Accidents Reported.

09-28-2008
Recap: Crew travel to location. SICP 720 PSI, Bleed off down 2" line to Pit.Lay down DC's set in pipe basket. --- JHA w/ crew, air hand, and Basin wireline. Move swivel skid and set Tbg float. RU wireline. --- TIH w/ wireline guns and **perforate 5-1/2" liner w/ 11 grams charge, 0.53 inch holes, 4 shots per foot, as follows bottom to top, 3782' to 3812', 30', 120 shots, 3725' to 3755', 30', 120 shots, 3700' to 3710', 10', 40 shots, 3665' to 3680', 15' , 60 shots, total feet 85', and 340 shots.** --- RD wireline. --- Tally, PU, Rabbit, MU & TIH as follows - 2-7/8" mule shoe, 121 Jts 2-7/8" 6.5# J-55, EUE 8rd Tbg. --- Tie air onto Tbg string, circulate well untill returns are clean. --- LD 2 Jts Tbg and Stand back 8 stands. --- Secure well & Equipment. SDFN, No Accidents Reported.

09-29-2008
Recap. Crew travel to location. SICP 850 PSI. Bleed off down 2" line to pit. --- JHA w/ crew, air hand, and SB Banding. --- Circ. Tbg CO to TD @3912'. --- Waiting on Rd trailer for BHA. --- **TIH w/ Plug Jt, Screen, F-Nipple, 2-7/8" 6.5# J-55, EUE 8rd Production Tbg as Follows: 1 - 2-7/8" 6.5#, J-55, EUE 8rd, Plug and Screen, 1 - 2-7/8" x 2.28" x 2-7/8" F-Nipple, 119 - 2-7/8", 6.5#, J-55, EUE 8RD Production Tbg, 1 - 2-7/8" x 6' x 2-7/8", Pup Jt, 1 - 2-7/8", 6.5#, J-55, EUE 8RD Production Tbg. EOT: 3862', F nipple: 3835'** --- Test Tbg to 1000 PSI. Test good. TIH w/ and line fish standing valve. --- TOOH w/ 3 stands and 6' pup. Run 200' Chem. Cap. String. --- RD Floor and NU BOP's. MU SR head. Test Head, test good. --- Secure well. SDFN. No Accidents Reported.

09-30-2008
Recap: Travel to location from Farmington Yard. --- SM w/ rig crew. Service and start rig and equipment. --- TIH w/ Pump, Sinker bars and Rods as follows: 1 - 1-1/2" Insert Pump w/ 1"x6' gas anchor, 6 - 3/4" x 1/2" sinker bars, 72 - 3/4" Type 54, API Grade "D" Rods, 74 - 3/4" Type 54, API Grade "D" Rods Guided Rods 5 per Rod, 1 - 8', 6', 4', and 2', x 3/4" Type 54, Grade "D" Pony's, 1 - 1-1/4" x 16' Polished Rod w 1-1/2" x 8' liner. --- Test Tbg to 700 PSI ,test good. Test pump to 700 PSI, test good. --- RD Rig and Derrick Prepare rig to move. --- Secure well. SDFN. No Accidents Reported.

ROSA UNIT #360A
BASIN FRUITLAND COAL

Spud 08/08/08

Completed: 09/30/08

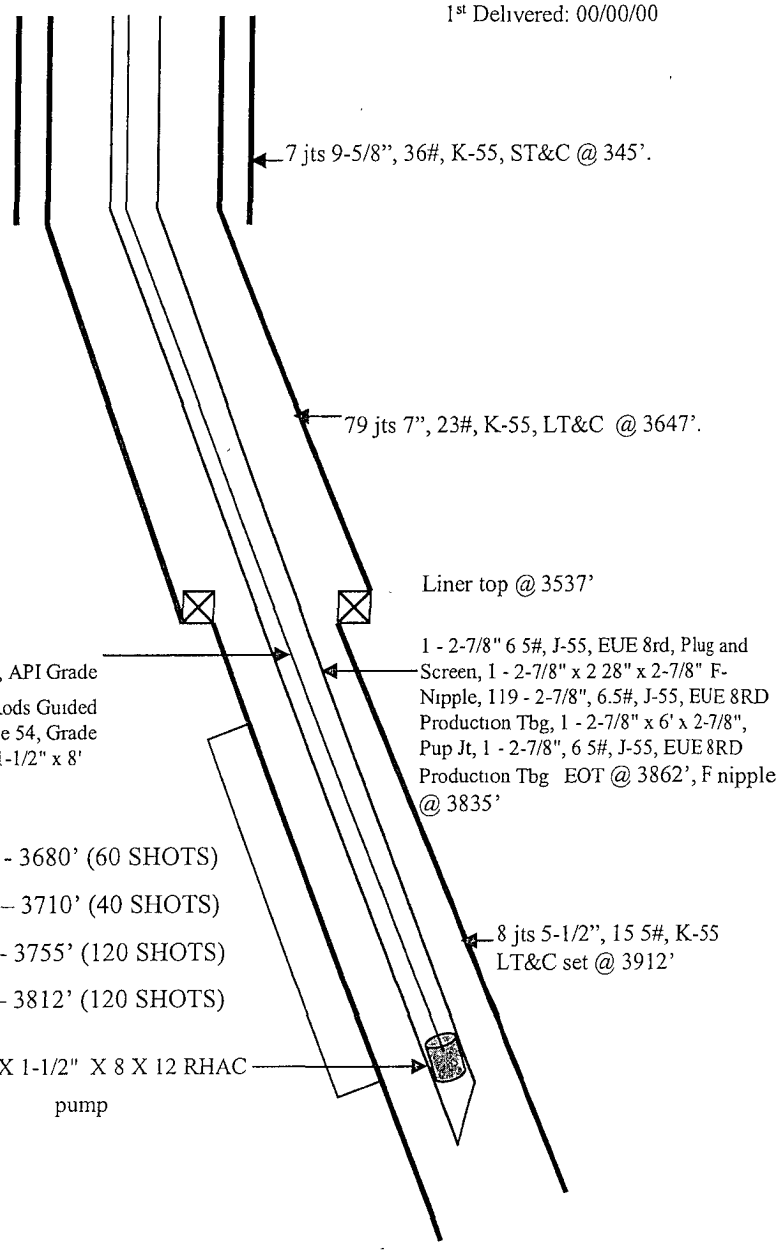
1st Delivered: 00/00/00

Surface Location:
1470' FNL and 2095' FEL
SW/4 NE/4 Sec 9 (G), T31N, R5W
Rio Arriba, NM

Bottom Hole Location:
948' FSL and 2251' FWL
NE/4 NW/4 Sec 9 (C), T31N, R5W
Rio Arriba, NM

Elevation: 6814' GR
API # 30-039-30556

Top	MD Depth	TVD Depth
Ojo Alamo	3012'	2898'
Kirtland	3151'	3013'
Fruitland	3544'	3383'



Hole Size	Casing	Cement	Volume	Top of Cmt
12-1/4"	9-5/8", 36#	150 sxs	211 cu.ft.	Surface
8-3/4"	7", 23#	525 sxs	1060 cu.ft	Surface
6-1/4"	5-1/2", 15.5#	Did Not Cmt		

LH 10-2-08

Scientific Drilling

Gyroscopic Survey Report
for
Williams

Well Location	Sec.9-T-31N-R-5-W, Rio Arriba County, New Mexico
Well Name	Rosa Unit 360A
Rig Name	HWS Rig 17
Survey Date	2008/09/06
Latitude	36.92 deg
North Reference	True North
Grid Correction	0.00 deg
Depth Reference	RKB (14')
Calculation Method	*Minimum Curvature*
Section (VS) Ref	0.00N (ft), 0.00E (ft), 300.00Azim (deg)
Definitive Survey	Computed from ROSA0813.BIN's HighSpeed: InRun
Operator	Brett Lanier

Comments

Survyed from RKB to 3909'
Surveyed in 2 7/8" drill pipe
Surveyed RKB 14'

Scientific Drilling

Survey Report

Well Name:	Rosa Unit 360A
Survey:	Computed from ROSA0813.BIN's HighSpeed. InRun
Survey Date:	2008/09/06

MD ft	Inc deg	Azim deg	TVD ft	VS ft	Northing ft	Easting ft	DLS deg/100ft	Closure Distance ft	Closure Angle deg
0.00	0.00	0.00	0.00	0.00	0.00	0 00	Invalid	0.00	0.00
100.00	0 29	69.34	100.00	-0 16	0.09	0.24	0.29	0 25	69.34
200.00	0.31	353.62	200.00	-0.16	0.45	0.44	0.37	0.63	44.57
300.00	0.07	31.41	300.00	0.00	0 77	0.44	0.26	0.89	29.90
400.00	0.72	326 50	400.00	0.56	1.35	0.13	0 69	1.36	5.67
500.00	4.93	298.28	499.85	5.41	3.91	-4 00	4.31	5.59	314.35
600.00	6.75	295 10	599.33	15 56	8.43	-13.10	1.85	15 58	302 77
700.00	8.47	295 35	698.45	28.76	14.08	-25.08	1.72	28.76	299.31
800.00	11.53	298 54	796 92	46.10	22 01	-40.52	3.11	46.11	298 51
900.00	16.15	298.35	893.99	70.01	33.40	-61 55	4 62	70.03	298.49
1000 00	18 56	300.02	989.43	99.83	47.97	-87 57	2.46	99.85	298.71
1100.00	19.74	300.75	1083.89	132.62	64 56	-115.87	1.21	132.64	299.13
1200.00	20.16	295.55	1177.90	166 69	80.63	-145.93	1 82	166 72	298 92
1300.00	20.27	295.35	1271.74	201.13	95.48	-177 12	0.13	201.22	298.33
1400.00	20.29	298.69	1365.55	235.73	111.22	-207.98	1.16	235 85	298.14
1500 00	20.07	301.00	1459 41	270.22	128.38	-237.90	0.83	270 33	298.35
1600 00	19.96	304.81	1553.37	304.39	146.96	-266.63	1.31	304.45	298.86
1700.00	19.79	300.81	1647.42	338.33	165 38	-295.18	1 37	338.35	299.26
1800.00	19.85	297 69	1741.50	372 22	181.94	-324 76	1.06	372.25	299 26
1900 00	19.99	294.88	1835.52	406 21	197.02	-355.30	0.97	406 27	299 01
2000.00	20.10	293.95	1929.46	440.31	211 18	-386 50	0 33	440.44	298 65
2100.00	20.49	294 27	2023.26	474.82	225.35	-418.16	0 41	475.02	298.32
2200 00	20.10	298.53	2117.05	509 41	240.76	-449 22	1.53	509.67	298.19
2300.00	19.87	298.82	2211.03	543 59	257.16	-479.21	0.25	543 85	298 22
2400.00	19.67	299.87	2305 13	577.41	273.73	-508 70	0.41	577.67	298.28
2500 00	19.54	299.39	2399.33	610.97	290.32	-537 86	0.21	611.22	298.36
2600 00	19.79	299.32	2493.50	644 62	306.82	-567.20	0.25	644.87	298.41
2700.00	20.46	299 71	2587.40	679.02	323.77	-597.14	0.68	679.27	298.47
2800 00	20.54	298.89	2681 06	714.04	340.91	-627.68	0 30	714.28	298 51
2900 00	20 63	298.76	2774.68	749.20	357 87	-658 48	0 10	749.45	298 52
3000.00	20.35	301.54	2868.35	784.20	375.44	-688 75	1.01	784.43	298.59
3100.00	20.84	299.05	2961.96	819 36	393.17	-719.12	1.00	819.59	298.67
3200.00	19.93	296.12	3055.70	854.15	409.31	-749.98	1 37	854.40	298 62
3300.00	20.06	295.62	3149.67	888.26	424.23	-780.75	0.22	888.56	298.52
3400 00	19.56	296.86	3243 75	922 08	439.21	-811 15	0.66	922 42	298 43
3500.00	19.08	298.51	3338.12	955.13	454 57	-840.44	0.72	955.50	298.41
3600.00	18.14	299.91	3432.89	987.04	470.14	-868.30	1.05	987.41	298.43
3700 00	17.54	303.99	3528.09	1017.64	486 32	-894.29	1 38	1017.97	298 54
3800.00	15.08	313.19	3624.07	1045.35	503 66	-916.28	3.56	1045 58	298.80

Scientific Drilling

Survey Report

Well Name:	*Rosa Unit 360A*
Survey:	Computed from *ROSA0813.BIN's HighSpeed: InRun*
Survey Date:	2008/09/06

MD ft	Inc deg	Azim deg	TVD ft	VS ft	Northing ft	Easting ft	DLS deg/100ft	Closure Distance ft	Closure Angle deg
3900.00	14.41	312.38	3720.77	1070.18	520.96	-934.96	0.70	1070.30	299.13
3909.00	14.39	312 36	3729.49	1072.36	522.46	-936.61	0 26	1072.48	299.15