

In Lieu of
Form 3160
(June 1990)

UNITED STATES
DEPARTMENT OF INTERIOR
BUREAU OF LAND MANAGEMENT

REF ID: A6008
SEP 18 2008

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

SUNDRY NOTICE AND REPORTS ON WELLS

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

Use "APPLICATION for Lease Designation and Serial No.
SF-078770

SUBMIT IN TRIPLICATE

1. Type of Well Oil Well Gas Well X Other	6 If Indian, Allottee or Tribe Name RCVD SEP 24 '08
2. Name of Operator WILLIAMS PRODUCTION COMPANY	7. If Unit or CA, Agreement Designation Rosa Unit OIL CONS. DIV.
3. Address and Telephone No PO Box 640 Aztec, NM 87410-0640	8 Well Name and No. Rosa Unit #378
4. Location of Well (Footage, Sec., T, R, M, or Survey Description) 2060' FNL & 1945' FEL 1601' FNL & 935' FEL SEC 27, 31N, R5W	9 API Well No. 30-039-30410
	10. Field and Pool, or Exploratory Area BASIN FRUITLAND COAL
	11. County or Parish, State RIO ARRIBA

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

TYPE OF SUBMISSION	TYPE OF ACTION
Ke Notice of Intent	Abandonment
X Subsequent Report	Recompletion
Final Abandonment	Plugging Back
	Casing Repair
	Altering Casing
	X Other Completion Sundry
	Change of Plans
	New Construction
	Non-Routine Fracturing
	Water Shut-Off
	Conversion to Injection
	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)*

08-22-2008

Recap: SM w/ all personnel on location. Load out equipment on Triple S trucks, move rig & equipment from Rosa 378A to Rosa 378. --- Spot rig ramp, & rig equipment, set rig on ramp, raise derrick, RU air package. --- RU surface equipment, ND WH, NU BOPE & blooie lines. --- Secure well & equipment SDFN, No accidents reported.

8-23-2008

Recap: SM w/ rig crew, start & service equipment --- RU rig pump to csg valve, Test 7" csg & blind rams to 1500 psi hold for 30min w/ no leak off. Good test. --- RU rig floor, PU & RU tongs. --- PU, MU & RIW as follows. 6-1/4" new tooth bit, bit sub w/ float, eight 4-3/4" DC's, X-over sub & 101 jts 2-7/8" AOH DP, tag FC @ 3388'. --- PU & RU 3.5 PS, --- break circ w/ produced water, DO FC @ 3388', cmt, & 7" csg shoe @ 3438'. --- circulate bottoms up. --- Pull up off bottom, Secure well & equipment. SDFN, No accidents reported.

08-24-2008

Recap: SM w/ rig crew, service & start equipment. --- RU Choquette Logging, --- RIW and tag @ 3438', break circ w/ produced coal water, begin DO formation @ 3481', DO to TD @ 3665'. --- Circ bttms up. --- tie air package to drill string. unload wtr w/ air. --- LD 7 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 7/28/08

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

ACCEPTED FOR RECORD
SEP 22 2008
FARMINGTON FIELD OFFICE
BY T. Salyers

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

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08-25-2008

Recap: SM w/ all personnel on location, service & start equipment. --- PU 7 jts DP & RIW, tag @ TD- 3665'. --- RU Basin WL, PU Scientific Drilling Gyro & RIW. POOW w/ WL & Gyro, RD Basin WL. Deviation @ TD 19 degrees. --- LD jts of DP, TOH & standback DP & DC's, break off bit. --- swap out rig pumps. ---PU Knight UR, DC's & DP & RIW to 7" shoe. --- secure well & equipment SDFN, no accidents reported.

08-26-2008

Recap: SM w/ rig crew, service & start equipment. SICP 700psi, bleed well down @ 2" line. --- Est circ w/ 10bph air-mist w/ 2 gal foamer per 20 bbl produced water, open under reamer arms @ 3444'. --- **UR 6-1/4" to 9-1/2", from 3444' to 3665'**. --- pump 2 3bbl sweeps to clean hole, circ bottoms up. --- LD 9 jts DP, & pull into 7" csg. --- FLOW TEST: Duration = .5 hr, Test Method = pitot, MCF/D = 372 mcf/d, Csg Psi = 6 ozs, Tbg Psi = 0 psi, Gas Type = dry, Gas Disposition = non flaring, Choke Size = 2" open line. Secure well, SDFN, no accidents reported.

08-27-2008

Recap: SM w/ all personnel on location, service & start equipment. SICP 700 psi, bleed well down @ 2" line. --- TOH & standback DP & DC's, break off UR & LD. --- TIH w/ bit, bit sub, eight 4-3/4" DC's X-over sub & DP to shoe. --- RU to surge from shoe. --- Build energized surges @ shoe to 1000 psi, --- secure well & equipment, turn well over to flowback hand & air hand for overnight cavitation w/ energized & natural surges.

08-28-2008

Recap: Cavitate from shoe w/ natural & energized surges. SM w/ all personnel on location, service & start equipment. SICP 900 psi, surge well to blooie line. --- PU & RU 3.5 PS, tagged light bridge @ shoe, est circ w/ 10bph air-mist w/ 1 gal soap, 1/2 gal shale treat & 1/2 gal corrosion inhibitor per 20 bbl prod wtr. cleared bridge at shoe, tagged lt bridges on each jt picked up, cleaned out lt to med coal and heavy black water, work pipe & pump sweeps as needed to cleanout to TD @ 3665'. --- blow well dry w/ air only. --- LD 8 jts DP & pull into 7" csg, hang back PS, RU for surging. Secure well & location, turn well over to flowback hand & air hand for overnight cavitation w/ energized & natural surges, no accidents reported.

08-29-2008

Recap: Cavitate from shoe w/ natural & energized surges. SICP 450 psi, surge well to blooie line. --- PU & RU 3.5 PS, tagged bridge @ 3430', 8' into 7" csg., est circ w/ 10bph air-mist w/ 1 gal soap, 1/2 gal shale treat & 1/2 gal corrosion inhibitor per 20 bbl prod wtr cleared bridge at shoe, tagged lt bridges on each jt picked up, cleaned out lt to med coal and heavy black water, work pipe & pump sweeps as needed to cleanout. Tagged fill @ 3660', 5' of fill. Cleanout to TD @ 3665', blow well dry w/ air only. --- LD 8 jts DP & pull into 7" csg, hang back PS, RU for surging. Secure well & location, turn well over to flowback hand & air hand for cavitation w/ energized & natural surges, no accidents reported.

08-30-2008

Recap: Cavitate from shoe w/natural & energized surges to 1200 psi, 4hr natural SI 450 psi, no accidents reported

08-31-2008

Recap: Cavitate from shoe w/natural & energized surges to 1200 psi, 4hr natural SI 450 psi, no accidents reported.

09-01-2008

Recap: Cavitate from shoe w/natural & energized surges to 1200 psi, chase every other surge w/ air-mist. 4hr natural SI 450 psi, no accidents reported.

09-02-2008

Recap: Cavitate from shoe w/ natural & energized surges, Travel to location. --- SM w/ rig crew, service & start equipment. SICP 300 psi, surge well to blooie line. --- PU & RU 3.5 PS, tagged bridge @ 3430', 8' into 7" csg., est circ w/ 10bph air-mist w/ 1 gal soap, 1/2 gal shale treat & 1/2 gal corrosion inhibitor per 20 bbl prod wtr. cleared bridge at shoe, cleaned out lt coal and heavy black water, work pipe & pump sweeps as needed to cleanout. Tagged fill @ 3650', 15' of fill. Cleanout to TD @ 3665', blow well dry w/ air only. --- LD 8 jts DP & pull into 7" csg, hang back PS, RU for surging. --- FLOW TEST: Duration = 1 hr, Test Method = pitot, MCF/D = 372 mcf/d, Csg Psi = 6 oz, Tbg Psi = 0 psi, Gas Type = dry, Gas Disposition = non flaring, Choke Size = 2" open line. --- Build energized surges @ shoe to 1200 psi, pump 3bbl pad @ 600 psi on each surge, chase each surge w/ air-mist to clear 7' csg. Secure well & location, turn well over to flowback hand & air hand for cavitation w/ energized & natural surges, no accidents reported.

09-03-2008

Recap: Cavitate well w/ flowback and air hand, build PSI and Nat Surges. --- JHA w/ crew and air hand. Release Surge, returns med amounts of coal fines, hvy black water. --- TIH w/DP CO w/ air/ mist @ 10bbls/hr / foamer @ 1gal/20bbls corrosion inhibitor, 1/2 gal/20bbls / shale treat 1/2gal/20bbls. Tagged fill at 3447', 216' above TD @ 3665'. Returns hvy coal and shale fines to 1/8", hvy gray water, wet gas. CO to TD @ 3665', TOOH w/ 2 Jts DP, dry up well w/ Air Only for 1hr. TOOH w/ 5 Jts DP leave at she and flow 45 min to get air off well --- FLOW TEST: Duration = 1hr, Test Type = Pitot, MCF/D = 654mcf/d, Casing PSI = 11oz, Tubing PSI = 0 due to string float, Gas Type = Dry, Gas Disposition = non-flaring, Choke Size = 2" open line. --- Turn well over to Flowback and Air hand, Cavitate well w/ Nat Build Surges

09-04-2008

Recap: Cavitate well w/ flowback and air hand. Build 4 hr Nat Surges --- Release 4 hr Nat Surge, returns were hvy brown dust and dry gas --- TIH w/ DP CO to TD @ 3665'. Returns hvy amounts of coal/shale fines-1" size pieces, TOOH w/ 2 Jts DP, dry up well. --- Flow well for 1 hr get air off. TOOH w/ 5 Jts DP, FLOW TEST Duration = 1hr, Test Method = Pitot, MCF/D = 565 mcf/d, csg psi = 13oz, tbg psi = 0 due to string float, Gas Type = Dry, Gas Disposition = non-flaring, Choke Size = 2" open line. --- Cavitate well w/ flowback and air hand, build 4 hr Nat Surges.

09-05-2008

Recap: Cavitate well w/ flowback and air hand, build 4 hr Nat Surges. SICP 1000 psi, release surge, Returns brown dust, dry gas --- TIH w/ DP CO w/ air/mist @ 10 bbls hr/ foamer 1gal/20bbls corrosion inhibitor, 1/2gal/20bbls shale, treat 1/2gal/20bbls Returns light amounts of coal/shale fines 1/8" in size, med amount of black water, wet gas. CO to TD @ 3665', TOOH w/ 2 Jts DP and dry up well w/ air only. ---TOOH w/ 5 Jts DP, and Nat Flow 1 hr, get air off well. --- FLOW TEST Duration = 1hr, Test method = Pitot, Mcfd = 582 Mcfd, csg psi = 14oz, tbg psi = 0 due to string floats, Gas Type = Dry, Gas disposition = non-flaring, Choke Size = 2" open line. --- Cavitate well w/ flowback and air hand, build Energized Surges.

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09-06-2008

Recap: Cavitate well w/ psi and Nat Surges. Returns light coal fines, hvy black water, wet gas. Circ 20 min, Nat flow 1 hr. --- Cavitate well w/ psi Surges build up to 1100 psi, 5 bbls pad on every other Surge, air/mist 10bbls/hr, foamer @ 1gal/20bbls, corrosion inhibitor and shale treat @ 1/2 gal/20bbls. --- Returns hvy shale/ coal fines to 1" size rocks, hvy black water w/ brown mud, wet gas. Circ well after opening Surge 20 min w/ air/mist, and Nat flow 1 hr --- Well bridged off, tried circ well but psi on tbg shot up in 10 min to 1400 psi nothing come back. --- Secure well, SDFW, no accidents reported.

09-08-2008

Recap: Well Equalized, open rams, leave HCR's closed, pulled 1 jt DP Lay down, open HCR, and Circ w/air/mist. Bridge came free. --- TIH w/ DP and CO w/ air/mist @ 10bbls/hr, Foamer @ 1gal/20bbls, Corrosion Inhibitor & Shale Treat @ 1/2gal/20bbls. --- CO well to TD @ 3665', returns hvy amounts of coal/shale rocks fines to 1" in size, hvy black water, hvy gas. --- TOOH w/ 2 Jts DP, dry up well w/ air only. TOOH w/ 5 Jts DP, flow well for 1 hr get air out of well. --- FLOW TEST: Duration = 1hr, Test Method = Pitot, MCFD = 687 MCFD, csg psi = 20 oz, Tubing psi = 0 due to string float, Gas Type = Dry, Gas Disposition = non-flaring, Choke Size = 2" open line. --- Turn well over to flowback and air hand, Surge well to 1100 PSI w/ 5bbl pad, soak 1hr, open follow w/ air/mist 20 min, Nat flow 1hr, 40 ft flare.

09-09-2008

Recap: Cavitate well w/ flowback and air hand, build Energized and Nat Surges. --- TIH w/ DP and CO w/ air / mist @ 10bbls/hr / foamer @ 1gal/20bbls / Corrosion Inhibitor & Shale Treat @ 1/2gal/20bbls. CO well to TD @ 3665', returns Med to light amounts of coal/shale rocks fines to 1" in size, hvy black water, hvy gas. --- TOOH w/ 2 Jts DP, Dry up well w/ air only. TOOH w/ 5 Jts DP, Flow well for 1hr get air off. --- FLOW TEST: Duration = 1hr, Test Method = Pitot, MCFD = 492 MCFD, Casing PSI = 10 oz, Tubing PSI = 0 due to string, Gas Type = Dry, Gas Disposition = non-flaring, Choke Size = 2" open line. --- Turn well over to Flowback and air hand, build 4 hr Nat Build Surges, 30 ft flare.

09-10-2008

Recap: Cavitate well w/ flowback and air hand, build Energized and Nat Surges. --- TIH w/ DP and CO w/ air / mist @ 10bbls/hr / foamer @ 1gal/20bbls / Corrosion Inhibitor & Shale Treat @ 1/2gal/20bbls. CO well to TD @ 3665', returns Med to light amounts of coal/shale rocks fines to 1" in size, hvy black water, hvy gas. --- TOOH w/ 2 Jts DP, Dry up well w/ AIR ONLY. TOOH w/ 5 Jts DP, Flow well for 1hr get air off. --- FLOW TEST: Duration = 1hr, Test Method = Pitot, MCFD = 600 MCFD, csg PSI = 15 oz, Tubing PSI = 0 due to string, Gas Type = Dry, Gas Disposition = non-flaring, Choke Size = 2" open line. --- Turn well over to Flowback and air hand, build 4 hr Nat Build Surges, 30 ft flare.

09-11-2008

Recap: Cavitate well w/ flowback and air hand, build Energized and Nat Srg's. --- JHA w/ crew and air hand. Service Rig. --- TIH w/ DP and CO w/ air / mist @ 10bbls/hr / foamer @ 1gal/20bbls / Corrosion Inhibitor & Shale Treat @ 1/2gal/20bbls. CO well to TD @ 3665', returns Med to light amounts of coal/shale rocks fines to 1" in size, hvy black water, hvy gas. --- TOOH w/ 2 Jts DP, Dry up well w/ AIR ONLY. TOOH w/ 5 Jts DP, Flow well for 1hr get air off. --- FLOW TEST: Duration = 1hr, Test Method = Pitot, MCFD = 615 MCFD, Casing PSI = 16 oz, Tubing PSI = 0 due to string, Gas Type = Dry, Gas Disposition = non-flaring, Choke Size = 2" open line. --- Turn well over to Flowback and air hand, build 4 hr Nat Build Srg's, 30 ft flare.

09-12-2008

Recap: Cavitate well w/ flowback and air hand, build Energized and Nat Srg's. --- JHA w/ crew and air hand. SICP 900 PSI --- TIH w/ DP and CO w/ air / mist @ 10bbls/hr / foamer @ 1gal/20bbls / Corrosion Inhibitor & Shale Treat @ 1/2gal/20bbls. CO well to TD @ 3665', returns Med to light amounts of coal/shale rocks fines to 1" in size, hvy black water, hvy gas. --- TOOH w/ 2 Jts DP, Dry up well w/ AIR ONLY. TOOH w/ 5 Jts DP, Flow well for 1hr get air off. --- FLOW TEST: Duration = 1hr, Test Method = Pitot, MCFD = 673 MCFD, Casing PSI = 19 oz, Tubing PSI = 0 due to string, Gas Type = Dry, Gas Disposition = non-flaring, Choke Size = 2" open line. --- Turn well over

09-13-2008

Recap: Flow well to Burn Pit down Bloore line w/ flowback. --- JHA w/ crew and air hand. --- TIH CO. CO to TD @ 3665'. Open hole clean no fill. --- LD 12 Jts of DP and DC's --- TOOH & standback DP an DC's. --- SM w/ all personnel. RU San Juan Casing PU, MU and RIW as follows - 5-1/2 LA set Shoe, Sub w/ string float, 7 Jts 5-1/2" 17#N-80 EUE Csg (322.71), H-latch. --- TIW w/ setting Tool, RD San Juan Casing. --- RIW w/liner assembly & 101 Jts AOH DP. PU DP singles run in slow, tag @ 3650' Circ rotate to 3665'. Release liner @ 3665' PBTD @ 3665'. --- 7" shoe @ 3438', Liner Top @ 3342', Liner bottom @ 3665', 95.71 overlap. --- RD & LD 2.5 PS TOOH & LD 60 Jts DP. Secure well & equipment. SDFN, no accidents reported.

09-15-2008

Recap: SICP 1080 psi, bleed well down @ 2" line. --- TOOH LD DP, TIH w/ DC's, TOOH & LD DC's, --- SM w/ all personnel on location, RU Basin Wireline --- perforate 5-1/2" liner w/ 11 gram charge .53 holes, 4 spf, as follows bottom to top- 3513' to 3568' 55' 220 shots, 3460' to 3470' 10' 40 shots, Total 65' 260 shots. --- RD Basin Wireline --- Tally, PU MU & RIW w/ 1/2 muleshoe, & production tbg, cleanout perforating debris & fill. --- LD 10 jts tbg, pull above top perfs. --- Secure well & location, SDFN, no accidents reported.

09-16-2008

Recap: Travel to location --- SM w/ rig crew, SICP 1000 psi, bleed well down @ 2" line --- TOH & standback production tbg --- TIH as follows, 2-7/8" mud anchor, 2-7/8" tbg screen, 2.28" I.D. F-nipple, 113 jts 2-7/8" 6.5# J-55 EUE 8rnd tbg. RU Specialty Banding. Attache 222' of 1/4" SS chem line to top 7jts of prod tbg. --- PU tbg hanger, land well, EOT @ 3637' F-Nipple @ 3605' RD Specialty banding --- ND BOP & Bloore lines, NU SR WH --- PU MU & RIW as follows, Gas anchor, 2-1/2" X 1-1/2" X 8 X 11 RHAC pump, 3 - 1-1/2" HF sinker rods, 72 -3/4" API D rods rods, 68- 3/4" API D 3 per 2-1/2 guided rods, 1- 8' pony rod, 1- 4' pony rod, 1 - 2' pony rod & 1-1/4" X 16' polished rod w/ 8' X 1-1/2" liner --- install stuffing box, seat pump & Space out pump, load tbg w/ produced water, test tbg & pump to 500 psig, release pressure and stroke pump to 500psig. Test OK --- RD surface equipment, lower derrick, prepare for rig move to Rosa 264A DIR, Secure well & equipment, No accidents reported .

**ROSA UNIT #378
BASIN FRUITLAND COAL**

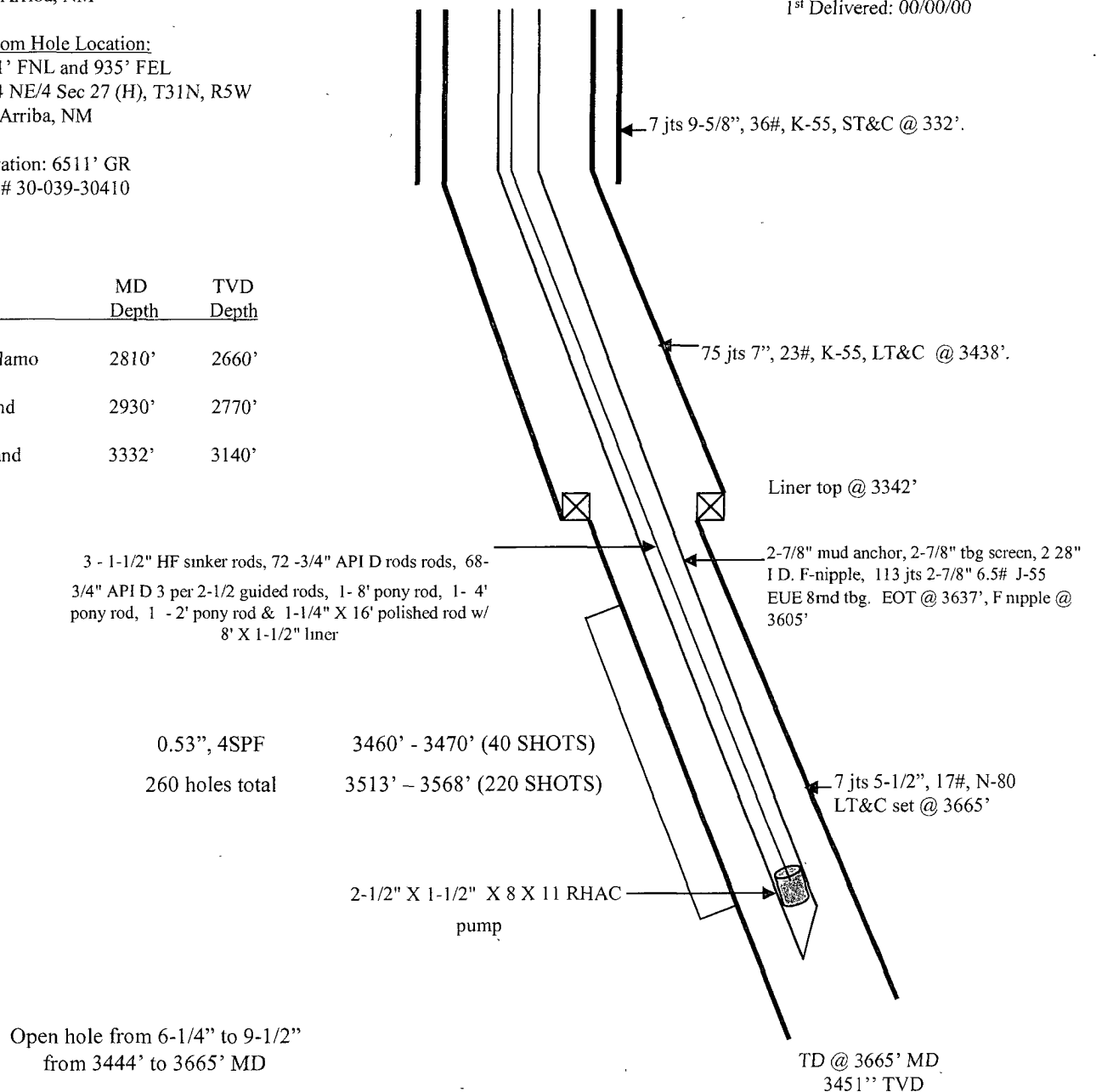
Surface Location:
2060' FNL and 1945' FEL
SW/4 NE/4 Sec 27 (G), T31N, R5W
Rio Arriba, NM

Spud: 07/26/08
Completed: 09/16/08
1st Delivered: 00/00/00

Bottom Hole Location:
1601' FNL and 935' FEL
SE/4 NE/4 Sec 27 (H), T31N, R5W
Rio Arriba, NM

Elevation: 6511' GR
API # 30-039-30410

Top	MD Depth	TVD Depth
Ojo Alamo	2810'	2660'
Kirtland	2930'	2770'
Fruitland	3332'	3140'



Open hole from 6-1/4" to 9-1/2"
from 3444' to 3665' MD

Hole Size	Casing	Cement	Volume	Top of Cmt
12-1/4"	9-5/8", 36#	150 sxs	212 cu.ft.	Surface
8-3/4"	7", 23#	490 sxs	998 cu.ft.	Surface
6-1/4"	5-1/2", 17#	Did Not Cmt		