

UNITED STATES
DEPARTMENT OF INTERIOR
BUREAU OF LAND MANAGEMENT

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

RECEIVED
OCT 20 2008
Bureau of Land Management
Farmington Field Office

5. Lease Designation and Serial No.
SF-078770

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE

1. Type of Well
Oil Well Gas Well ☒ Other

2. Name of Operator
WILLIAMS PRODUCTION COMPANY

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

4. Location of Well (Footage, Sec., T, R., M., or Survey Description)
1285' FNL & 1890' FWL SEC 27,31N,R5W

7. If Unit or CA, Agreement Designation
Rosa Unit

8. Well Name and No.
Rosa Unit #257A

9. API Well No
30-039-30390

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

Notice of Intent

X Subsequent Report

Final Abandonment

Abandonment

Recompletion

Plugging Back

Casing Repair

Altering Casing

X Other Completion

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.)*

09-19-2008

Recap: Load out & move rig & equipment, from Key yard to Rosa #257A location, spot equipment, spot rig ramp, set rig on ramp, Raise derrick, RU surface equipment ND WH, NU BOP stack, SDFN, no accidents reported

09-20-2008

Recap: Loading in equipment, rigging up all surface equipment, bloore lines, Pressure test blind rams and csg to 1500 PSI (good), strap and start picking up 6 1/4" bit s# PJ3629, bit sub w/ float and crows foot ,8-4 3/4-DC and 6- 2 7/8 AOH, shut in & secure well until Monday, no accidents.

09-22-2008

Recap: Start picking up pipe and trip in hole. Change out mud pumps. Finish picking up pipe Tag @ 3219'. Rig up power swivel (Wrong saver sub). PRESSURE TEST PIPE RAMS AND CASING TO 1500PSI HELD FOR 30 MIN. NO BLEED OFFS (GOOD TEST). Test top pipe rams & hcr's (leaked) retightened, Bloore line flanges leaked, tightened up, retested (GOOD TEST) Built new stand pipe manifold. Shut in and secure well for night. @ 1030 AM a Key ng up truck turned over on road 309, no one was injured. I reported to Ronnie Shorter and Key Energy.

RCVD OCT 23 '08
OIL CONS. DIV.
DIST. 3

14 I hereby certify that the foregoing is true and correct

Signed Larry Higgins
Larry Higgins

Title Drilling C O M

Date 10-20-08

(This space for Federal or State office use)

Approved by _____

Title _____

Date _____

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.

NMOC

RECEIVED
OCT 21 2008
FARMINGTON FIELD OFFICE
BY JL Salvers

Page 2 – RU #257A

09-23-2008

Recap: MU 2.5 power swivel & break circulation. Drill cmt. From 3219' to 3254', drill out float collar @ 3254' and drill out cmt to 3302' drill out 7" csg shoe to 3303'. Rig up mud loggers. Drill new formation and log from 3303' to 3387'. Circulated clean and pulled up in shoe. Shut in and secured well for night, no accidents.

09-24-2008

Recap: Check pressure on csg 0 psi, trip in hole using power swivel. **Drill new formation and log from 3387' to 3535'**, 4 coal packages 35' total. Circulate hole clean. Dropped Totco survey tool, unloaded well with air. LD 9 jts with power swivel and trip out of hole with 48 stands drill pipe, 4 stands collars, pulled Totco survey tool. Pulled Totco survey tool @ 3535' 1 1/2 degree, no accidents.

09-25-2008

Recap: 11.5 hrs SICP= 800psi. Bleed well down 2" line, unloading water. PU & MU 9 1/2" underreamer, bit sub & TIH. PU & MU power swivel, BC @ 3313' with air mist, 14bbls/hr, w/ 1 gal foamer, 1/2 gal shale treat, & 1/2 gal corrosion inhibitor per 20 bbl produced coal water. UR 6 1/4" to 9 1/2" from 3313' to 3415', pump 5 bbl sweep, blow well clean, LD 4 jts DP, SDFN, no accidents.

09-26-2008

Recap: SICP 800psi 12.5/hrs, bleed well down 2" line, PU 4 jts. DP W/ swivel, BC @ 3415' with air mist, 14 bbls/hr, w/ 1 gal foamer, 1/2 gal shale treat, & 1/2 gal corrosion inhibitor per 20 bbl produced coal water. UR 6 1/4" to 9 1/2", from 3415' to 3535' Pump 5 bbl sweep & blow well clean W/ air LD 8 JTS & RD power swivel, TOOH, stand back DP & DC's & LD UR FLOW TEST: Duration = 1 hr, Test Method = pitot, MCFD = 354 Mcfd, Csg Psi = 5 oz, Tbg Psi = 0 psi, Gas Type = dry, Gas Disposition = non flaring, choke size = 2" open line. MU & RIW w/ bit, 8 DC's & 48 stands DP, prepare well for overnight surging, secure well & equipment, turn well over to flowback hand & air hand for overnight cavitation. 1 hr SICP 15 min=50 psi, 30 min=110 psi, 45 min=180 psi, 60 min=220 psi, cavitate well from 3305' csg shoe w/ energized surges to 1000 psi, 2 surges from shoe 35 min build up w/ 10 bbls/hr mist & 5 bbl pad 1000 psi, ret = grey wtr, little gas, no accidents.

09-27-2008

Recap: Energize surge well f/ shoe w/ one 5 bbl pad & 6 bph a/s mist, pressure to 800 psi, rets = light gay wtr w/ trace of coal, NF for 30 min, approx 10' flare, Natural surge 4 hr shut in, f/shoe, opened w/400 psi, rets= very light grey mist trace of coal, NF for 1 hr 10' flare. Ran 6-Energize surges f/ shoe w/ one 3 to 5 bbl pad & 6 bph a/s mist, pressure to 1200 psi, rets = light gay wtr w/ trace of coal, NF for 1 to 1.5 hr, approx 10' flare.

09-28-2008

Recap: Energize surge well f/ shoe w/two-3 bbl pad & 6 bph a/s mist, pressure to 1200 psi, rets =dark gay wtr w/ trace of coal, NF for 30 min, approx 10' flare, Natural surge 4 hr shut in, f/shoe, opened w/425 psi rets=more grey water & coal dust, NF for 1 hr 10' flare. Ran 5-Energize surges f/ shoe w/ two 3 bbl pad & 6 bph a/s mist, pressure to 1200 psi, rets = dark gray wtr with 1/8" coal, NF for 1 to 1.5 hr, approx 10' flare, no accidents

09-29-2008

Recap: Cavitate from shoe w/ natural & energized surges, SICP 420 psi, surge well to pit @ blooie line --- PU & RU 2.5 PS PU DP singles & RIW, tag @ 3535' no fill. Break circ w/ 10 bph air-mist w/ 1 gal foamer, 1/2 gal shale treat, & 1/2 gal corrosion inhibitor per 20 bbl produced coal water, unloaded med grey water, cleanout to TD @ 3535'. --- Blow well dry w/ air --- LD 8 jts DP, pull into 7" csg, hang off PS. Turn well over to flow back hand & air hand for overnight cavitation. --- Cavitate from shoe w/ natural & energized surges to 1200 psi, chase all surges w/ air mist for 30 min minimum, no accidents reported.

09-30-2008

Recap: Cavitate from shoe w/ natural & energized surges SICP 500 psi, surge well to pit @ blooie line --- PU & RU 2.5 PS PU DP singles & RIW, tag @ 3535' no fill, break circ w/ 10bph air-mist w/ 1 gal foamer, 1/2 gal shale treat, & 1/2 gal corrosion inhibitor per 20 bbl produced coal water RET= heavy coal, no shale, 6 bbls/hr grey water. CW clean from 3535', blow well dry w/ air --- LD 8 jts DP, pull into 7" csg, hang off PS. FLOW TEST. Duration=1hr, TEST method=pitot, MCFD=354 Mcfd, csg psi=5oz, tbg psi=0 psi, gas disposition =none flaring, choke size=2" open line. Turn well over to flow back hand & air hand for overnight cavitation. Cavitate from shoe w/ natural & energized surges to 1300 psi, chase all surges w/ air mist for 30min minimum, no accidents reported.

10-01-2008

Recap: Cavitate from shoe w/ natural & energized surges, SICP 275 psi, surge well to pit @ blooie line --- PU & RU 2.5 PS PU DP singles & RIW, tag @ 3329'. Break circ w/ 10bph air-mist w/ 1 gal foamer, 1/2 gal shale treat, & 1/2 gal corrosion inhibitor per 20 bbl produced coal water, CW from 3329' to 3381', heaving black coal, run sweeps. Blow well dry w/ air --- LD 2 jts DP, pull into 7" csg, hang off PS. Turn well over to flow back hand & air hand for overnight cavitation, no accidents

10-02-2008

Recap Cavitate from shoe w/ natural & energized surges. SICP 400 psi, surge well to pit @ blooie line --- PU & RU 2.5 PS PU DP singles & RIW, tag @ 3368'. Break circ w/ 10bph air-mist w/ 1 gal foamer, 1/2 gal shale treat, & 1/2 gal corrosion inhibitor per 20 bbl produced coal water, CW from 3368' to 3381', heavy black coal, run sweeps. Blow well dry w/ air --- LD 2 jts DP, pull into 7" csg, hang off PS. Turn well over to flow back hand & air hand for overnight cavitation, no accidents.

10-03-2008

Recap: Cavitate from shoe w/ natural & energized surges, Travel to location. JHA safety / rig crew, air hands SICP 420 psi, surge well to pit @ blooie line --- PU & RU 2.5 PS PU DP singles & RIW, tag @ 3368'. Break circ w/ 10bph air-mist w/ 1 gal foamer, 1/2 gal shale treat, & 1/2 gal corrosion inhibitor per 20 bbl produced coal water. CW from 3368' to 3381'. RET=14 bbl/hr & 1/8th bucket heavy black coal.run sweeps. Blow well dry w/ air --- LD 2 jts DP, pull into 7" csg, hang off PS. Turn well over to flow back hand & air hand for overnight cavitation, no accidents

10-04-2008

Recap: Cavitate from shoe w/ natural & energized surges, SICP 420 psi, surge well to pit @ blooie line --- PU & RU 2.5 PS PU DP singles & RIW, tag @ 3368'. Break circ w/ 10bph air-mist w/ 1 gal foamer, 1/2 gal shale treat, & 1/2 gal corrosion inhibitor per 20 bbl produced coal water. CW from 3368' to 3412' RET=14 bbl/hr & 1/8th bucket heavy black coal run. Ran sweeps, blow well dry w/ air --- LD 3 jts DP, pull into 7" csg, hang off PS. Turn well over to flow back hand & air hand for overnight cavitation, no accidents.

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10-05-2008

Recap: Cavitare from shoe w/ natural & energized surges, SICP 520 psi, surge well to pit @ blooie line --- PU & RU 2.5 PS PU DP singles & RIW, tag @ 3378'. Break circ w/ 10bph air-mist w/ 1 gal foamer, 1/2 gal shale treat, & 1/2 gal corrosion inhibitor per 20 bbl produced coal water. CW from 3378' to 3535' TD RET=14 bbl/hr & 1/8TH cup black coal & shale run. Ran sweeps, blow well dry w/ air --- LD 7 jts DP, pull into 7" csg, hang off PS. Turn well over to flow back hand & air hand for overnight cavitation and evaporation, no accidents.

10-06-2008

Recap. Cavitare from shoe w/ natural & energized surges. SICP 520 psi, surge well to pit @ blooie line --- PU & RU 2.5 PS PU DP singles & RIW, tag @ 3417'. Break circ w/ 10bph air-mist w/ 1 gal foamer, 1/2 gal shale treat, & 1/2 gal corrosion inhibitor per 20 bbl produced coal water. CW from 3417' to 3535' RET = 14 bbl/hr & coal dust & very little shale. Ran sweeps, blow well dry w/ air --- LD 7 jts DP, pull into 7" csg, hang off PS. Turn well over to flow back hand & air hand for overnight cavitation and evaporation, no accidents.

10-07-2008

Recap: Cavitare from shoe w/ natural & energized surges, Travel to location JHA safety / rig crew, air hands. SICP 430 psi, surge well to pit @ blooie line --- PU & RU 2.5 PS PU DP singles & RIW, tag @ 3517'. Break circ w/ 10bph air-mist w/ 1 gal foamer, 1/2 gal shale treat, & 1/2 gal corrosion inhibitor per 20 bbl produced coal water. CW from 3517' to 3535' RET=12 bbl/hr & coal dust & very little shale. Ran sweeps blow well dry w/ air --- LD 7jts. Hang off PS & TOO, bit check. FLOW TEST: Duration= 1HR, Test Method= pitot, MCFD=492 Mcfd, csg psi=10 oz, tbg psi= 0 psi, gas type= dry, gas disposition= none flaring, choke size=2" open line. TIH tag@ 3525' RU PS break circ w/ 10bph air-mist w/ 1 gal foamer, 1/2 gal shale treat, & 1/2 gal corrosion inhibitor per 20 bbl produced coal water. CW from 3525' to 3535'. Ran sweeps blow well dry w/ air --- LD 7jts DP, pull into 7" csg, hang off PS. Turn well over to flow back hand & air hand for overnight cavitation and evaporation, no accidents.

10-08-2008

Recap: Cavitare from shoe w/ natural & energized surges. SICP 430 psi, surge well to pit @ blooie line --- PU & RU 2.5 PS PU DP singles & RIW, tag bridge @ 3488'. Break circ w/ 10bph air-mist w/ 1 gal foamer, 1/2 gal shale treat, & 1/2 gal corrosion inhibitor per 20 bbl produced coal water. CW @ 3488' to 3535' (20' bridge), RET=12bbl/hr & 1/8" coal & very little shale, ran sweeps, blow well dry w/ air --- LD 7jts, hang off PS. Turn well over to flow back hand & air hand for overnight cavitation and evaporation, no accidents

10-09-2008

Recap: Cavitare from shoe w/ natural & energized surges. SICP 430 psi, surge well to pit @ blooie line --- PU & RU 2.5 PS PU DP singles & RIW, tag bridge @ 3496'. Break circ w/ 10bph air-mist w/ 1 gal foamer, 1/2 gal shale treat, & 1/2 gal corrosion inhibitor per 20 bbl produced coal water. CW. @ 3496' to 3535', RET=12bbl/hr very little coal dust & shale. Ran sweeps blow well dry w/ air --- LD 7jts, hang off PS Turn well over to flow back hand & air hand for overnight cavitation and evaporation, no accidents.

10-10-2008

Recap: Cavitare from shoe w/ natural & energized surges, Travel to location, JHA safety / rig crew, air hands. SICP 430 psi, surge well to pit @ blooie line --- PU & RU 2.5 PS PU DP singles & RIW, tag Fill @ 3490'. Break circ w/ 10bph air-mist w/ 1 gal foamer, 1/2 gal shale treat, & 1/2 gal corrosion inhibitor per 20 bbl produced coal water. CW. @ 3490' to 3535', RET=12 bbl/hr very little coal dust & shale, ran sweeps blow well dry w/ air --- LD 7jts. Hang off PS.FLOW TEST: Duration= 1HR, Test Method= pitot, MCFD=539 Mcfd, csg psi=12 oz, tbg psi= 0 psi, gas type= dry, gas disposition= none flaring, choke size=2" open line. Turn well over to flow back hand & air hand for overnight cavitation and evaporation, no accidents reported.

10-11-2008

Recap: Cavitare from shoe w/ natural & energized surges. 15" flare SICP 4HRS= 430 psi, surge well to pit @ blooie line. Cavitare from shoe w/ natural & energized surges, stopped flaring, wind too bad to flare, no accidents reported.

10-12-2008

Recap: Cavitare from shoe w/ natural & energized surges. 15" flare SICP 4HRS= 480 psi, surge well to pit @ blooie line, gas only, dry. Cavitare from shoe w/ natural & energized surges, no accidents reported.

10-13-2008

Recap: Cavitare from shoe w/ natural & energized surges, Travel to location. JHA safety / rig crew, air hands, SICP 500 psi, surge well to pit @ blooie line --- PU & RU 2.5 PS PU DP singles & RIW, tag Fill @ 3512'. Break circ w/ 10 bph air-mist w/ 1 gal foamer, 1/2 gal shale treat, & 1/2 gal corrosion inhibitor per 20 bbl produced coal water. CW. @ 3512' to 3535', RET=12 bbl/hr very little coal dust & shale, ran sweeps blow well dry w/ air --- LD 7jts. Hang off PS. Turn well over to flow back hand & air hand for overnight cavitation and evaporation, no accidents reported.

10-14-2008

Recap: Cavitare from shoe w/ natural & energized surges, Travel to location JHA safety / rig crew, air hands. SICP 400 psi, surge well to pit @ blooie line --- PU & RU 2.5 PS PU DP singles & RIW, tag Bridge @ 3417'. break circ w/ 10bph air-mist w/ 1 gal foamer, 1/2 gal shale treat, & 1/2 gal corrosion inhibitor per 20 bbl produced coal water. CW. @ 3417' to 3435', RET's=12bbl/hr very little coal dust & shale. Ran sweeps BlowWell dry w/ air. FLOW TEST: Duration= 1HR, Test Methad= pitot, MCFD=582 mcf/d, csg psi=14 oz, tbg psi= 0 psi, gas type= dry, gas disposition= none flaring, choke size=2" open line. break circ w/ 10bph air-mist w/ 1 gal foamer, 1/2 gal shale treat, & 1/2 gal corrosion inhibitor per 20 bbl produced coal water. Bridge @ 3430' & CW from 3500' to 3535' Ran sweeps BlowWell dry w/ air. --- LD 7jts. Hang off PS. Turn well over to flow back hand & air hand for overnight cavitation and evaporation. NO ACCIDENTS

10-15-2008

Recap: Cavitare from shoe w/ natural surges, travel to location --- SM w/ rig crew, SICP 400 psi, surge well to pit, returned it black dust, & it grey water --- PU & RU 3.5 PS PU DP singles & RIW, tag it bridge @ 3430', break circ w/ 10bph air-mist w/ 1 gal foamer, 1/2 gal shale treat, & 1/2 gal corrosion inhibitor per 20 bbl produced coal water. Clear bridge, unloaded it fine to 1/8" coal & shale, tag fill @ 3520' 15' of loose fill, work pipe & pump sweeps as needed cleanout to TD @ 3535', --- Blow well dry w/ air --- LD 8 jts DP & pull into 7" csg, hang off 3.5 PS, --- Secure well & equipment, turn well over to flowback hand & air hand --- Flow well to pit, flare gas & evaporate pit water

10-16-2008

Recap: Flow well to pit, flare gas & evaporate pit water, travel to location --- SM w/ rig crew check & start equipment --- PU & RU 3.5 PS PU DP singles & RIW, tag it bridge @ 3435, top of rathole, break circ w/ 10bph air-mist w/ 1 gal foamer, 1/2 gal shale treat, & 1/2 gal corrosion inhibitor per 20 bbl produced coal water. unloaded very it fine coal & shale, cleanout to TD @ 3535', --- TOOH & standback DP & DC's, RU to run 5-1/2" liner --- SM w/ all personnel on location, RU San Juan csg --- RIW w/ set shoe, 8 jts 5-1/2" 15.5# K-55 csg (371.66'), H-latch, setting tool & 1 jt DP, RD San Juan csg --- RIW w/ liner assembly & 94 jts 2-7/8" DP tagged tight spot @ 3435', top of rathole, --- PU & RU 3.5 PS, break circ w/ 12bph air/mist, rotate & circulate liner down to TD @ 3535'. --- Release liner @ TD, 3535' 7" shoe @ 3303', Liner top @ 3160', Liner bottom @ 3535', 143' overlap. --- RD & LD 3.5 PS. TOOH & LD 40 jts of DP, --- Secure well & location SDFN, no accidents reported

10-17-2008

Recap: Travel to location. --- SM w/ rig crew, SICP 480 psi, bleed well down @ 2" line. --- TOOH & LD DP & DC's. --- SM w/ all personnel on location. **RU BWWC.** --- perforate 5-1/2" liner w/ 11 gram charge .53 holes, 4 spf, as follows bottom to top- 3406' to 3436' 30' 120 shots, 3350' to 3370' 20' 80 shots, 3335' to 3345' 10' 40 shots. 3320' to 3330' 10' 40 shots. Total 70' 280 shots. --- RD BWWC. **FLOW TEST:** Duration= 1HR, Test Method= pitot, MCF/D=673 mcf/d, csg psi=19 oz, tbg psi= 0 psi, gas type= dry, gas disposition= none flaring, choke size=2" open line. --- Move pipe basket & catwalk, spot in tbg float, --- Tally, PU, MU & RIW, 2-7/8" half Muleshoe exp check, & 25 jts 2-7/8" tbg. --- Secure well & location SDFN, no accidents reported

10-18-2008

Recap: Travel to location --- SM w/ rig crew, SICP 480 psi, bleed well down @ 2" line --- Tally, PU, MU & RIW w/ half muleshoe exp check, 2.28" I.D. F-nipple w/ standing valve, & 106 jts 2-7/8" 6.5# J-55 EUE 8rnd tbg, (rabbit tbg while picking up). --- Test tbg w/ rig pump to 1000 psig, good test. --- fish standing valve w/ sandline. --- tie air package to tbg string, break circ blow liner clean w/ air/mist. Returned It fine coal, some perforation debris, and unloaded medium water --- TOH & standback tbg --- RU Specialty Banding, --- TIH w/ mud anchor, 2' pup jt, tbg screen, 2.28 I.D. F-nipple, 103 jts 2-7/8" 6.5# J-55, EUE 8rnd tbg, one 8' pup jt, one 4' pup jt & 1 jt 2-7/8" 6.5# J-55 EUE 8rnd tbg Attache chem line @ tbg screen, run to surface. --- PU tbg hanger and land well as follows- mud anchor, 2' pup jt, tbg screen, 2.28 I.D. F-nipple, 103 jts 2-7/8" 6.5# J-55, EUE 8rnd tbg, one 8' pup jt, one 4' pup jt & 1 jt 2-7/8" 6.5# J-55 EUE 8rnd tbg. EOT @ 3468' 2.28 I.D. F-Nipple @ 3439'. --- RD Specialty banding. --- ND BOP & Blooie lines, NU SR WH. --- Secure well & location SDFN, no accidents reported

10-19-2008

Recap: Travel to location. --- SM w/ rig crew, SICP 480 psi, bleed well down @ 2" line. --- PU MU & RIW as follows, Gas anchor, 2-1/2" X 1-1/2" X 8 X 11 RHAC pump, 6 - 1-1/2" HF sinker rods, 130 -3/4" API D rods rods, 8' pony rod, 6' 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 166B, Secure well & equipment, No accidents reported. FINAL REPORT FOR ROSA 257A, JOB COMPLETE



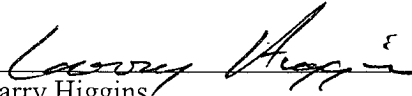
Exploration and Production

October 20, 2008

DEVIATION REPORT


Well Name: Rosa Unit #257A
Location: 1285' FNL & 1890' FWL SEC 27,T31N, R5W NMPM
County, State: Rio Arriba, New Mexico
Formation: Basin Fruitland Coal
API#: 30-039-30390

DEVIATION (Degrees)	DEPTH (Feet)
1.0	335
.25	496
1.0	1041
.75	1508
.75	2045
.75	2548
.75	3022
.50	3266
1.50	3535

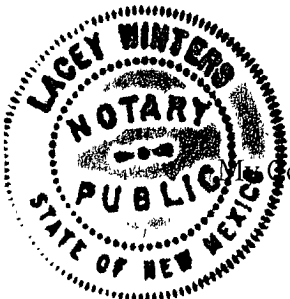

Larry Higgins
Drlg COM

State of New Mexico)
)
County of San Juan) ss.

Subscribed and sworn to before me this 20 day of October,
2008, by Larry Higgins.


Notary Public

Commission Expires: 11/30/2011



ROSA UNIT #257A BASIN FRUITLAND COAL

Location:
1285' FNL and 1890' FWL
NE/4 NW/4 Sec 27(C), T31N, R5W
Rio Arriba, New Mexico
Elevation: 6569' GR

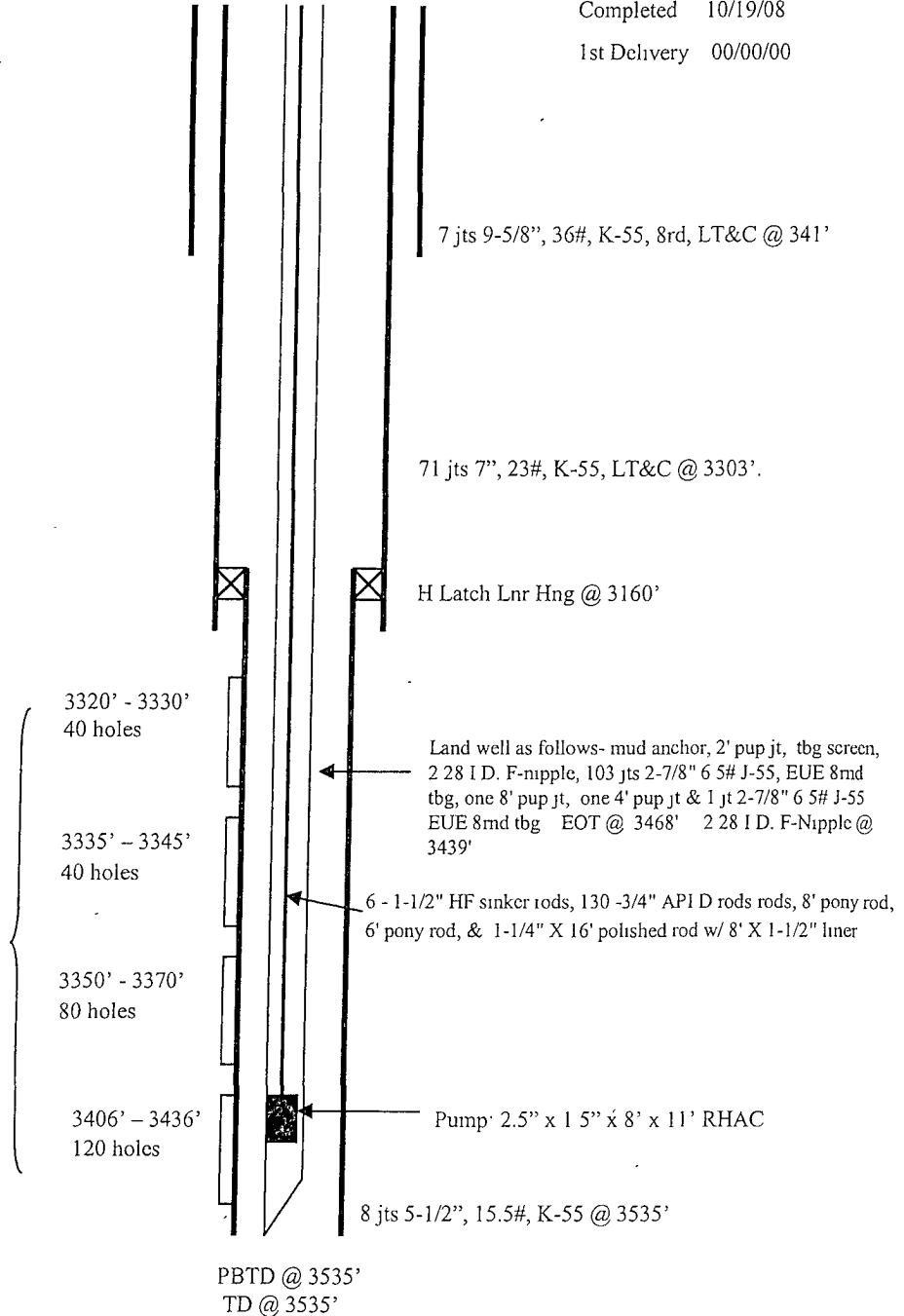
API # 30-039-30390

Spud 08/07/08
Completed 10/19/08
1st Delivery 00/00/00

Top	Depth
Ojo Alamo	2723'
Kirtland	2833'
Fruitland	3203'

4 SPF, 0.53" holes
280 total holes

Open hole from 6-1/4" to 9-1/2"
from 3313' to 3535'



Hole Size	Casing	Cement	Volume	Top of Cmt
12-1/4"	9-5/8", 36#	150 sx	205 cu. ft	Surface
8-3/4"	7", 23#	525 sx	1063 cu. ft	Surface
6-1/4"	5-1/2", 15 5#	Did Not Cmt		