

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 Use "APPLICATION TO DRILL" for permit for such proposals.

5. Lease Designation and Serial No.

SF-078773

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

SUBMIT IN TRIPLICATE

RECEIVED
BLM
210 FARMINGTON NM

1. Type of Well
Oil Well ☒ Gas Well ☐ Other ☐

8. Well Name and No.
ROSA UNIT #259

2. Name of Operator
WILLIAMS PRODUCTION COMPANY

9. API Well No.
30-039-24612

3. Address and Telephone No.
PO BOX 3102 MS 25-4, TULSA, OK 74101 (918) 573-3046

10. Field and Pool, or Exploratory Area
BASIN FRUITLAND COAL

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1300' FSL & 905' FWL, SE/4 SW/4 SEC 33-T31N-R05W

11. County or Parish, State
RIO ARRIBA, NM

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

X Subsequent Report

Recompletion

New Construction

Final Abandonment

Plugging Back

Non-Routine Fracturing

Casing Repair

Water Shut-Off

Altering Casing

Conversion to Injection

Other PU

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.)

06-02-2007

MIRU. Off load DP & DC's, set up w/ rig mast. Csg & tbg = 125#. Bled down & killed w/ water. ND w/ xmas tree. NU w/ BOPs, mud cross, HCR valves & blooie line. NU w/ work platform. Unlanded tbg & removed tbg hanger. TIH & tagged for fill. NU w/ air pack. Broke circ w/ 10 bph air/soap/corrosion inhibitor, displace 5 bbls form water w/ air. Unable to make any hole. Made soap sweeps, ND w/ air pack. TOO H w/ 2 3/8" prod tbg, pins eaten up w/ inside corrosion. LD tbg in sgls, meas same. Recover 104 jts 2 3/8", 8 EUE tbg = 3316', tbg landed @ 3328', tagged pbtld @ 3334' = 8' deeper than records show.

06-04-2007

Csg = 350#, bled down thru 2" choke manifold. MU TIW liner puller. TIH w/ same on 2-7/8" DP, PU DP, TIH, tagged TOL @ 3101'. Engaged liner w/ liner pluckier tool, called out csg crew. Worked liner and got moving up hole at 20,000# over pull. Pulled liner up into csg. Doubled up w/ drill line. TOH w/ 27/8" drill pipe and pluckier. MIRU w/ San Juan csg equipment. TOH w/ 4" x 11# pre-perforated liner. Laid liner, recovered 6' x 4" flush jt, pre-perforated liner = 258' = bottom of liner was at 3359', 75% of perforations were plugged with scale and aluminum plugs. RD San Juan Csg crew, made well safe for night, SDFN.

06-05-2007

340# csg, bled down thru 2" choke manifold. Made up 4 3/4" tri-cone cavitational bit on 6 x 3 1/2" DC's. TUH w/ drlg assy on 2 7/8" AOH DP. Broke circ @ bottom of 5 1/2" csg @ 3216'. Made 5 soap sweeps in 80 min to break circ. Leveled off @ 12 bph air/soap/corrosion inhibitor/polymar. Circ & rotated from bottom of csg shoe @ 3222' to 3309'. Recovered heavy coal fines & med coffee bean size coal. TOO H & hung off drlg assy inside 5 1/2" csg @ 3185'. Description continued on following pages:

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

Signed

Rachel Lippert
Rachel Lippert

Title Engineering Tech

Date July 9, 2007

ACCEPTED FOR RECORD

(This space for Federal or State office use)

Approved by

Title

Date

JUL 13 2007

Conditions of approval, if any:

FARMINGTON FIELD OFFICE

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.

Wellbore schematic attached

NMOCD

B

06-06-2007

Csg = 340#, press up on 2 7/8" DP to 340#, surged blooie line open, recovered med coal fines and light coffee ground size coal and no water. TDH w/ drilling assembly, broke circ at btm of csg at 3222' with 10 bph air/soap/corrosion inhibitor/polymar. Circ and rotate from 3222' to 3364', very hard & tight from 3353' to 3364', rec med coal fines and lite coffee ground size coal. TUH, hang off inside csg @ 3185'. Pump ahead w/ 2 bbls pad & press to 600# in 20 min. Let stand 30 min. Surged open blooie line, rec load wtr w/ hvy coal fines & med coffee ground size coal. Made 3 surges with same results. Made well safe for night.

06-07-2007

Csg = 320#. Press up on DP to 700#. Surged blooie line open, recovered light coffee ground coal & heavy coal fines. Surged w/ drlg assy hung off @ 3185'. Pumped 3 bbl pad, press up to 750# let soak for 15 mins surged blooie line open recovered light to med coffee bean size coal w/ heavy coal fines. Made 5 press surges. TDH w/ drlg assy. Tagged top of solid coal fill @ 3200'. Broke circ w/ 12 bph air/soap/corrosion inhibitor/polymar. CO solid coal fill from 3200' to 3364' = pbtd, recovered heavy coal fines, heavy coffee ground size to dime size coal. TUH & hung off inside csg @ 3185'.

06-08-2007

400# csg. Pressure up on DP to 400# w/ air. Surged blooie line open, recovered light coffee bean coal and medium coal fines. Made power surges as follows: pump ahead w/ 3 bbls wtr pad, pressure to 800# w/ air, pumped 3 bbls wtr pad, let soak for 15 mins, surged blooie line open. Recovered medium coal fines to dime size coal, made 5 surges. TDH w/ drilling assembly. Tagged solid coal fill at 3221' = 5 1/2" csg shoe. Circulated and rotated from 3221' to 3278'. Recovered heavy coal fines to dime size coal, running solidly. Made soap sweeps and TUH w/ drilling assembly. Hung off drilling assembly inside csg at 3185'. SDFN

06-09-2007

400# csg. Pumped 3 bbl pad, pressure up on DP to 700#, surged blooie line open, recovered heavy coal fines and medium coffee bean size coal w/ load water. TIH, tagged solid coal fill at 3200', broke circ w/ 12 bbls air/soap/corrosion inhibitor/polymer. Circ and rotated from 3200' to 3278', recovered heavy coal fine mud, heavy coal fines, heavy coffee bean size coal with some dime size coal. Tight spot at 3248', pipe stuck, worked pipe free. Running heavy coal fines and coal fine mud at 3248'. TUH w/ drilling assembly and hung off inside csg at 3185'. Made well safe for night. Note: rig will be down until Monday, 6/11/07

06-11-2007

Csg = 400#. Pumped ahead w/ 2 bbl pads, press up on DP to 700#, pumped 3 bbl pad & let soak for 15 min. Surged blooie line open, recovered load water w/ light coffee bean size coal & heavy coal fines. TIH w/ drl assy tagged solid coal fill @ 3222' = csg shoe. Broke circ w/ 12 bbls air/soap/corrosion inhibitor/polymer. Circ & rotated from 3222' to 3290', recovered heavy coal fines, heavy coffee ground size coal to dime size coal, coal running heavy. Stuck pipe @ 3290', worked pipe & got it moving up hole. TOOH & hung drlg assy off inside csg @ 3185'.

06-12-2007

Csg = 400#, pumped ahead w/ 3 bbl pad, press up on DP to 700#, pumped 2 bbl pad, let soak for 15 mins, surged open blooie line, recovered light coffee bean size and heavy coal fines w/ load water. TDH w/ drilling assembly, tagged fill @ 3233', broke circ w/ 12 bbls air/soap/corrosion inhibitor/polymar. Circulated and rotated from 3233' to 3278', stuck pipe at 3278', worked pipe and got moving up hole. TUH, circulate @ 3248', recovered heavy half dollar size coal to heavy coal fines, coal running very heavily. TUH, hung drilling assembly off inside casing at 3185'. SDFN

06-13-2007

Csg = 400#. Pump ahead w/ 3 bbl pad, pressure up DP to 400#, pump 3 bbl pad, let soak for 15 mins. Surged blooie line open, recovered lite coffee bean coal and hvy coal fines w/ load wtr. TDH w/ drilling assembly, tagged solid coal fill at 3238'. Broke circ w/ 12 bbls air/soap/corrosion inhibitor/polymar. Circ & rotated from 3238' to 3278', rec lite coffee bean coal and hvy coal fines, pipe stuck and lost circ at 3278', worked pipe and got moving up hole to 3248', broke circ and circ and rotated to 3258', pipe sticking and loosing circ. Made soap sweeps at 3248', recovering heavy quarter size coal and shale to heavy coal fines. Circ and made soap sweeps. TUH and hung off drilling assembly inside csg. SDFN

06-14-2007

Load out from pipe racks 104 jts 2 3/8" old prod string tbg, 6 jts 4" flush jt liner sent to Tubascope. Off loaded 100 jts 2 3/8" new prod tbg, 9 jts 2 1/16" IJ prod tbg & 7 jts 4" X hydrill flush jt liner. Csg = 400#, pump 3 bbl pad, press up drl pipe to 700#, pump 3 bbl pad let soak 15 min surged open blooie line rec light coffee bean coal, heavy coal fines w/ load water. Made 4 power surges. TDH w/ drlg assy. Tagged solid coal fill @ csg shoe 3222'. Broke circ w/ 12 bph air/soap/corrosion inhibitor/ polymer. Circ & rotated from 3222' to 3309'. Recovered heavy coffee bean coal & heavy coal fines. Stuck pipe @ 3278', worked pipe & got moving up hole. TUH inside csg & circ clean. ND w/ air pack & PS. TOOH w/ 2 7/8" DP & drlg assy. Made well safe for night.

06-15-2007

Csg = 400#, bled down thru 2" choke manifold. Made up w/ Knight 4 1/4" X 8 1/2" underreamer w/ PDC arms, 6 X 3 1/2" DC's. TIH w/ underreamer assy on 2 7/8" AOH DP. Hung off @ 3231' = 10' below csg shoe. Singled out w/ drl line & NU w/ air pack. Broke circ w/ 12 bph air/soap/corrosion inhibitor/polymer. Underreamed from 3231' to 3296'. Pipe torques up & unable to rotate, worked pipe up & down hole from 3248' to 3296', recovered coal & shale cuttings. TOOH & hung off inside csg @ 3185'.

06-16-2007

Csg = 400#, bled down thru 2" choke manifold. Installed new packing in PS & TIH w/ underreamer assy. Hung off 10' below shoe. Broke circ w/ 14 bph air/soap/corrosion inhibitor/polymer. Underreamed from 3231' to 3296', stopped solid @ 3296', unable to work below 3296'. Recovering very heavy returns of coffee bean size coal & shale. Circ WB clean, TOOH inside csg, ND w/ air pack & PS. Doubled up w/ drlg lines, TOOH w/ 2 7/8" DP & underreamer assy. Loaded out w/ Knight underreamer. Rig SD until Monday, 6/18/07.

06-18-2007

400# csg, bled down thru 2" choke manifold, let gas equalize, made pitot test = 22 oz = 726 mcf/day. Made up w/ new 4 3/4" tri-cone bit, 6 X 3 1/2" DC's. TIH w/ drlg assy on 2 7/8" DP. Tagged fill @ 3200' = 21' above 5 1/2" csg shoe. Singled out w/ drlg line. NU w/ PS & air pack. Broke circ w/ 12 bph air/soap/ corrosion inhibitor/polymar. Displaced 8 bbls form water, circ & rotated solid fill from 3200' to 3248'. Coal running solid recovering heavy coal fines to heavy quarter size coal. TUH w/ drlg assy & hung off inside csg @ 3185'.

06-19-2007

Recap: 400# csg, bled down thru choke manifold, equalized pressure & made pitot test = 34 oz = 910 mcf/day. TDH w/ drlg assy, tagged top of coal fill @ 3208' = 13' inside 5 1/2" csg. Broke circ w/ 12 bph air/soap/corrosion inhibitor/polymar. Disp 10 bbls form water. Circ & rotated from 3208' to 3309', recovered heavy coal fines & heavy coffee bean size coal. Pipe stuck @ 3309', worked pipe free. TUH to 3278', working pipe up & down from 3248' to 3278', coal running heavy, made soap sweeps, recovered heavy coal fines to dime size coal, running heavy coal @ 3278'. TUH w/ drlg assy & hung off inside 5 1/2" csg @ 3185'.

06-20-2007

Csg = 400#, bled down thru 2" choke manifold, let gas press equalize & made pitot test = 32 oz = 910 mcf/day. TDH w/ drlg assy, tagged solid coal fill @ 5 1/2", csg shoe @ 3221'. Broke circ w/ 12 bph air/soap/corrosion/inhibitor. Circ & rotated from 3221' to 3309'. Recovered very heavy coal fines & coffee bean size coal, losing circ & sticking pipe @ 3309'. TUH w/ drlg assy & hung off inside 5 1/2" csg @ 3185'. Made well safe for the night.

06-21-2007

Csg = 400#, bled down thru 2" choke manifold. Let gas equalize & made pitot test = 34 oz = 910 mcf/day, TDH w/ drlg assy & tagged top of solid coal fill @ 3234'. Broke circ w/ 15 bph air/soap/ corrosion inhibitor/polymar. Circ & rotated from 3234' to PBTD @ 3366'. Recovered heavy coal fines, heavy coffee ground & coffee bean size coal. Encountered numerous very tight spots & lost circ. TUH w/ drlg assy & hung off inside 5 1/2" csg @ 3185'.

06-22-2007

Csg = 400#, bled down thru 2" choke manifold. Let gas pressure equalize & made pitot test = 34 oz = 910 MCF/DAY TDH w/ drlg assy & tagged top solid coal fill @ 3228' = 7' below csg shoe. NU w/ air pack & broke circ w/ 15 bph air/soap/corrosion inhibitor/polymar. Displaced 10 bbls form water w/ air. Circ & rotated from 3228' to PBTD @ 3366'. Located various tight spots, able to work thru & dress up same. Recovered heavy coal fines, heavy coffee ground & coffee bean size coal, coal running. TUH & hung off drlg assy inside 5 1/2" csg @ 3185'.

06-23-2007

Csg = 400#, bled down thru 2" choke manifold, equalized gas press & made pitot test = 36 oz - 913 mcf/day. TIH w/ drlg assy, tagged fill @ 3233' = 12' below csg shoe. NU w/ air pack & broke circ w/ 15 bph air/soap/corrosion inhibitor/polymar. Displaced 12 bbls form water w/ air. Circ & rotated from 3233' to pbtd @ 3366'. Encountered various tight spots, able to work thru them & smooth them up. Recovered heavy coal fines & heavy coffee ground size coal. TOOH & hung drlg assy off inside 5 1/2" csg @ 3185' Riggd to flowback thru blooie line over weekend. FB hand on location to monitor flowback.

06-24-2007

Flowing back Fruitland coal zone thru 7" blooie line, FB hand on location to monitor flowback. Recovering gas & no water.

06-25-2007

FB overnight thru blooie line. Rec gas & no water. TDH w/ drl assy, tagged @ 3346' = 20' above PBTD, did not break circ, didn't want to start coal running. TUH & hung off inside csg. ND w/ PS & doubled up w/ drlg line. TOOH w/ drlg assy, MIRU w/ SJ csg, made up 4" finned guide shoe, 6 jts, 4", 11.34#, L-80, Hydrill Series 511 w/ 5 1/2" JGS, HDS liner hanger. TIH w/ same on 2 7/8" DP. Hung off @ 3185' & NU w/ PS & air pack. TIH w/ liner, stopped in tight spot @ 3346'. Circ & rotated from 3346' to 3366'. Set liner w/ PBTD @ 3365' & top of liner @ 3106' = 115' of overlap. ND w/ air pack & PS. Doubled up w/ drlg line. TOOH w/ 2 7/8" DP & liner tools. LD 2 7/8" DP in singles. Broke down & loaded out w/ liner tools. TIH w/ 6 3/2" DC's, TOOH & laid w/ 5 3/2" DC's.

06-26-2007

400# csg, bleed down thru choke manifold. MIRU w/ Basin WL equip, perf Fruitland Coal with 0.41" dia, 11 gram, 17" pent, 4 spf at the following intervals: 3240' - 3260' (80), 3265' - 3275' (40) & 3320' - 3357' (148), total of 268 total holes. Unable to get below 3357' due to coal entry. Well started flowing form wtr at end of perforations at 20 bph for 20 minutes. RD Basin, ND & load out power swivel. MI & spot rods & equipment, RU to run production tbg. SDFN.

06-27-2007

Csg = 400#, bled down thru 2" choke manifold. Recovered 40 bbls form water bleeding down. Made pitot test = 32 oz = 869 mcf/day. Unable to get a completely dry test. Made up 2 1/16" mule shoe, 9 jts 2 1/16", 3.25#, IJ tbg & TIH w/ same on 2 3/8", J-55, 8 EUE new prod string tbg, rabbited, measured & picked tbg up in singles. Tagged up @ 3365', no fill. NU w/ air pack & broke circ w/ 10 bph air/soap/corrosion inhibitor. Displace 10 bbls form water w/ air. Unable to make any hole, PBTD @ 3365'. Circ w/ air & recover very light coffee ground size coal. Circ clean & made soap sweeps. Circ w/ air & dried up wellbore. ND w/ air pack. TOOH w/ prod string tbg. ND & loaded out w/ drlg tools. Made ready to run prod equip in morning.

06-28-2007

400# csg, bled choke manifold, equal press, made pitot = 62 oz = 1230mcf/day. MIRU w/ Dyna Coil. Made up 2 1/16" mud anchor, 1.53" F-nipple, 9 jts 2 1/16" IJ tbg & TIH w/ same on 2 3/8", 8 EUE tbg. Strapped 1/4" stainless steel chem capillary tube to outside of prod tbg. Land tbg OA @ 3363' = 2' above pbtd. NU w/ chem adapter hanger. ND w/ BOPs, blooie line & HCR valves. NU w/ chem adapter companion flange. NU w/ new prod head. NU w/ air pack. Pump ahead w/ 4 bbls water. Pump off exp chk @ 500#. Circ w/ air recover load water. ND w/ air pack. Rig for rods. TIH w/ rods & pump, PU rods in sgls. Dress polished rod & spaced pump. Fill tbg w/ water, press test @ 500# w/ rig pump, solid. Stroked pump to 500# w/ pulling unit, good action. Hung well, ready for production. Cleaned location & load out w/ rig equip, LD w/ rig mast. Made ready to move rig & equip in morning to the Rosa #232.

ROSA UNIT #259 BASIN FRUITLAND COAL

Surface Location:

1300' FSL and 905' FWL
SW/4 SW/4 Sec 33M, T31N, R5W

Bottomhole Location:

1378' FSL and 983' FWL
NW/4 SW/4 Sec 33L, T31N, R5W
Rio Arriba, New Mexico

API # 30-039-24612

Elevation: 6520' GR

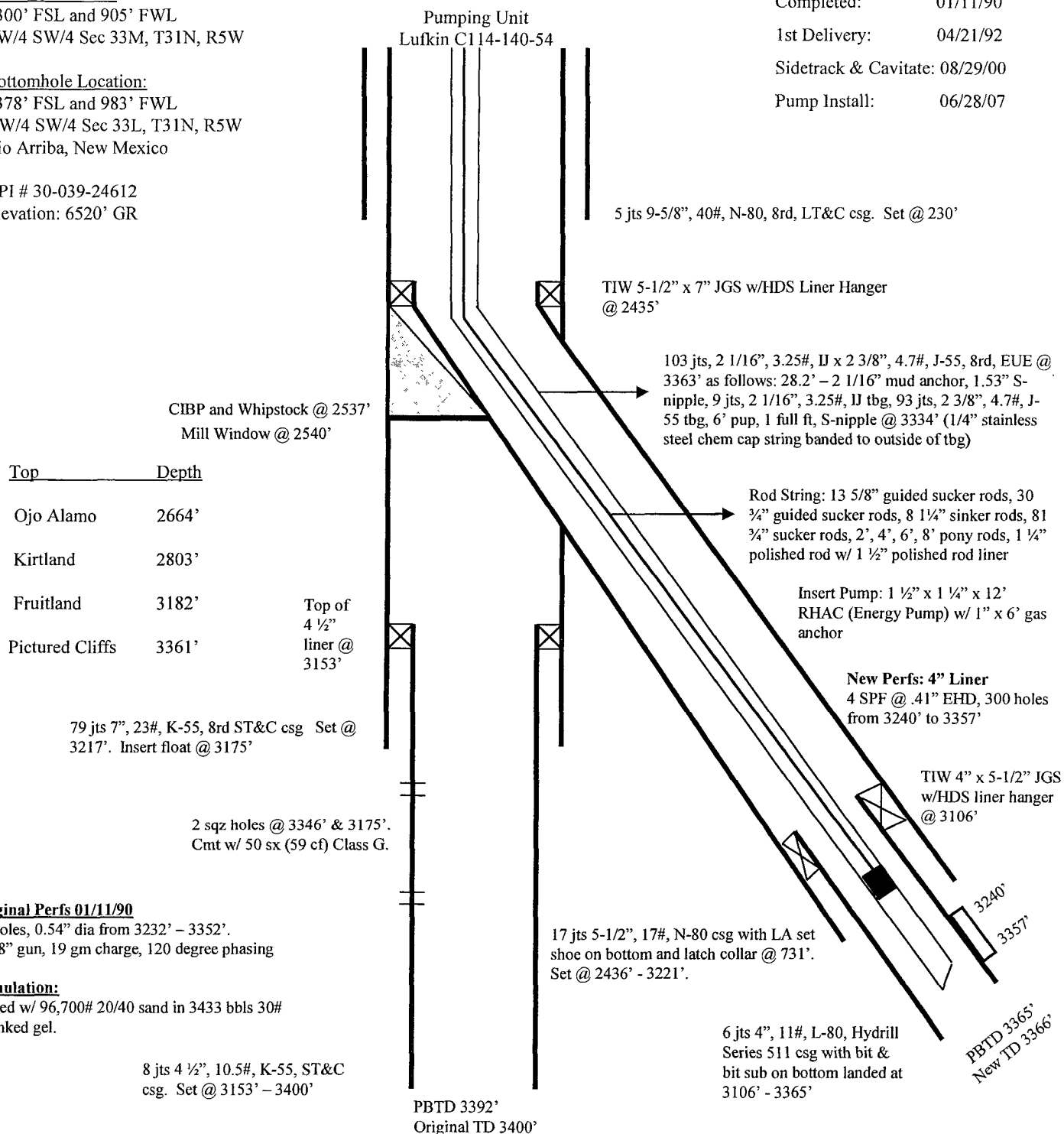
Spud: 12/18/89

Completed: 01/11/90

1st Delivery: 04/21/92

Sidetrack & Cavitate: 08/29/00

Pump Install: 06/28/07



Original Perfs 01/11/90

66 holes, 0.54" dia from 3232' - 3352'.
3-1/8" gun, 19 gm charge, 120 degree phasing

Stimulation:

Fracced w/ 96,700# 20/40 sand in 3433 bbls 30#
X-linked gel.

Hole Size	Casing	Cement	Volume	Top of Cmt
12-1/4"	9-5/8", 40#	160 sx	184 cu. ft.	Surface
8-3/4"	7", 23#	550 sx	1020 cu. ft.	Surface
6-1/4"	5-1/2", 17#	55 sx	65 cu. ft.	3153'
6-1/4"	5-1/2", 17#	55 sx	65 cu. ft.	

RML 07/09/07