

CEIVED

MAR 15 2009

In Lieu of  
Form 3160  
(June 1990)UNITED STATES  
DEPARTMENT OF INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993Bureau of Land Management  
Farmington Field Office

## 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 <b>Jicarilla Apache Contract #93</b>
		6. If Indian, Allottee or Tribe Name <b>Jicarilla Apache Nation</b>
		7. If Unit or CA, Agreement Designation
1. Type of Well Oil Well Gas Well <input checked="" type="checkbox"/> Other	8. Well Name and No. <b>Jicarilla 93 #14</b>	
2. Name of Operator <b>WILLIAMS PRODUCTION COMPANY</b>	9. API Well No. <b>30-039-29876</b>	
3. Address and Telephone No. <b>PO BOX 640 Aztec, NM 87410-0640</b>	10. Field and Pool, or Exploratory Area <b>Blanco MV</b>	
4. Location of Well (Footage, Sec., T, R., M, or Survey Description) <b>1935' FNL &amp; 105' FEL, Sec. 32, T27N, R3W</b>	11. County or Parish, State <b>Rio Arriba, NM</b>	

## 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
	X Other <u>Completion</u>	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.)\*

02-12-2009

Recap: RU mast truck & WL truck - RIH & tag w/ gauge ring @ 6386', POOH & RU CBL, RIH w/ CBL 7 log f/ 6386' to surface, bond appears to be good, send copy to Engineer, TOC of 4-1/2" @ 4120', TOC of 7" @ 650' - RD WL truck & mast truck

02-24-2009

Recap: RU Halliburton services to frac Y, psi test lines @ 4500 psi, pressure test WH & csg to 1500 psi for 30 min w/ 60 psi leak off, psi test WH & csg to 3500 psi for 5 min w/ 10 psi leak off. RU BWWC mast truck, perf PLO interval, 6034' - 6302', bottom up w/ 2000 psi on csg until 6 bpm rate is est, 1 SPF w/ 3 1/8" SFG, .34" Dia, 21" Pen & 10 Grm Chgs, two gun runs w/ 53 total shots & all shots fired. RD BWWC, Halliburton is moving trucks in to set up for frac tomorrow A.M., SIWFN.

RCVD MAR 9 '09

OIL CONS. DIV.

DIST. 3

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

Signed

Larry Higgins

Title Drilling COMDate 3-5-09

ACCEPTED FOR RECORD

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any

MAR 06 2009

FARMINGTON FIELD OFFICE

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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

## Jicarilla 93 #14 – Page 2

02-25-2009

Recap: Halliburton finish rigging up to WH. Psi test lines @ 4500 psi, tested good. Load well w/ 17 bbls FW, BD PLO @ 2116 psi @ 12 bpm, spearhead 1000 gals acid @ 41 bpm, frac PLO w/ 700 lbs 20/40 sand @ .25 & .50 ppg, followed w/ 5670 lbs Mono Prop @ .05, .10, .15 & .20 ppg, followed w/ 2600 lbs, 20/40 sand carried in slick wtr, ISIP = 792 psi, 5 min = 651 psi, 10 min = 600 psi, 15 min = 561 psi, MIR = 100 bpm, AIR 90 bpm, MTP = 3074 psi, ATP = 2396, total fluid to recover = 2760 bbls. WL set 4.5" CIBP @ 5990 psi, psi test plug @ 3490 psi, tested good. Perf CH/MEN. 5608' – 5966', bottom up 1 SPF w/ 3 1/8" SFG, after 1st gun run tried to break down & achieved 4 bpm @ 3415 psi, run 2nd gun & finish perforating CH/MEN, .34" Dia, 21" Pen & 10 Grm Chgs, two gun runs w/ 60 total shots, all shots fired, RD BWWC BD CH/MEN @ 3415 psi @ 5 bpm, push psi to max & slowly increase rate, when acid hit perfs rate was @ 25 bpm @ 3370 psi, after acid we slowly walked rate to 74 bpm, Frac CH/MEN w/ 2440 lbs 20/40 sand @ .25 & .50 ppg, followed w/ 5600 lbs Mono Prop @ .05, .10, .15 & .20 ppg, followed w/ 960 lbs 20/40 sand, cut tail sand early due to well trying to screen off, ISIP = 1315 psi, 5 min = 1202 psi, 10 min = 1170 psi, 15 min = 1144 psi, MIR = 74 bpm, AIR = 69 bpm, MTP = 3460 psi, ATP = 3107 psi, total fluid to recover = 2572 bbls. RD Halliburton Serv.

02-26-2009

Recap: SU rig & equip, load out surface equip, road rig to highway & take chains off rig, finish mobing rig to Jicarilla location. Spot in ramp, spot rig on ramp & RU rig over well - NDWH & NU new set of BOP's, install mud cross & stripper head, RU rig floor & change out handling tools to 2 3/8", swap out 2 7/8" rams to 2 3/8", RU pump, pit, FB tank & all hardline, SICP = 500 psi, bleed well down to FB tank. MU 3 7/8" junk mill, B/S, tally, rabbit & TIH w/ 100 jts 2 3/8" tbg, set bit 32 10', install TIW valve & hook up Kelly hose. Psi test air lines unload wtr off CH/MEN w/ air only @ 1200 psi into FB tank, turn over to night crew. Unload wtr off well w/ air only to FB tank & record FB data.

02-27-2009

Recap: Unload wtr off well w/ air only to FB tank & record FB data. SU rig, SD air unit & blow well down. TIH w/ 45 jts 2 3/8" tbg, set mill @ 4695', RU 2.5" PS & tie back on sgl line, as per AWS safety policies. Unload wtr off CH/MEN, RD 2.5" PS, swap over to 2 lines, tally, rabbit & TIH w/ 36 jts tbg & tag fill @ 5840', tie back to single line. RU 2.5" PS, break circ w/ air only @ 1800 psi, CO 150' of fill to 5990', it is taking approx 35 min between connections to break circ, DO 4.5" CIBP @ 5990' w/ 6K on mill, drilled off top of mill & lost 10 K on weight indicator, tbg torqued up, pull tbg up w/ coupler above the slips & CIBP followed us up, SD mist & blow on well w/ air only & let pressure equalize, turn over to night crew. Unload wtr off well w/ air only to FB tank & record FB data.

02-28-2009

Recap: Unload wtr off well w/ air to FB tank & record FB data. SU rig & equip, break circ w/ 12 bph a/s mist, still could not rotate tbg, LD 1 jt tbg & finish D/O 4.5" CIBP @ 5990'. PU 10 jts 3/8" tbg & push remaining plug to 6338' & plug hung up in csg collar, break circ w/ 12 bph a/s mist. DO remaining plug & fill to 6372', tbg started torqueing up like it was on the float collar, talk w/ engineer & decided that 70' of rat hole was enough. Run two 3 bbl sweeps & circ well clean, SD a/s mist & unload wtr off well w/ air only. SD air, LD 1 jt on float, RD 2.5" PS, TOO H w/ 11 stds tbg & turn over to night crew. Well flowed light wtr until 16:00 hrs & flare was @ approx 12' tall. Well has logged off & flare is f/ 2' to 12' in height acting like it is working thru fluid, but did not ever unload.

03-01-2009

Recap: Change oil in air unit, break circ w/ air only @ 1450 psi, unloaded 40 bbl slug, flow to FB tank & take tank straps every 2 hrs.

03-02-2009

Recap: Unload wtr to FB tank w/ air & record FB data. SU rig & equip, SD air pack, PU 1 jt & start in hole & approx 6' in we lost approx 10K on wt indicator, TOO H w/ 1 std tbg & try to TIH w/ same results. Break circ w/ 10 bph a/s mist, tag approx 6' in rotate mill thru bridge, TIH w/ 11 stds tbg & tag @ 6360', break circ w/ 10 bph a/s mist & CO 12' of fill to 6372', run 3 sweeps & catch samples in bucket to ck for prop, trace of prop in sample, circ well clean & SD mist, blow on well for 1 hr. RD 2.5" PS, TOO H w/ 11 stds tbg, FLOW TEST: Duration = 1 hr, Test Method = pitot, MCF/D = 150 Mcfd, Csg Psi = 1 oz on 30 oz pitot gauge, Tbg Psi = 0 psi due to string float, Gas Type = dry, Gas Disposition = non flaring, Choke Size = 2" open line. Open to bloore line & flare well to visibly inspect, approx 8' flare, turn over to night crew. Unload wtr to FB tank w/ air & record FB data.

03-03-2009

Recap: Unload wtr off well w/ air only to FB tank & record FB data - Trvl f/ Farmington to Jicarilla well site, hold tailgate safety mtg, SU rig & equip - Unload wtr off well w/ air only to FB tank & catch some wtr samples out of the 2" line going to burn pit - SD air package, RD 2.5" P/S - TOO H w/ 2 3/8" tbg & B/O 3 7/8" jnk mill - MU 1/2 MS - Exp Chk, one jt 2 3/8" tbg & one 1.78" F-Nipple, TIH w/ 194 jts, set Exp Chk @ 6312' - RU Kelly hose & break circ w/ air only @ 1250 psi, turn over to night crew - Unload wtr off well w/ air only to FB tank & record FB data.

03-04-2009

Recap: Unload wtr off well w/ air to FB tank & record FB data - TRVL f/ Farmington to Jicarilla well site, hold tailgate safety mtg, SU rig & equip - SD air package, Land well @ 6312' KB as follows, one Exp Chk-1/2 MS, one jt 2.375", J-55, 4.7#, EUE tbg, one 1.78" F-Nipple, 194 jts 2.375", J-55, 4.7#, EUE tbg, ( 195 total jts tbg ), F-Nipple set @ 6280' - RD rig floor, NDBOP stack & NUWH, test WH to 2500 psi, tested good - Pump off Exp Chk @ 1625 psi, unload appr 10 bbls off well, SD air - RD rig, pump, pit & hardline, help L/O surface equip to go to Jaeco 25-3 22#1A & pump & pit were hauled to Jicarilla 93#12B - Hook up air jammers line to 2" csg & FB tank to tbg side, start to road rig to Jaeco location & lost the transmission in the rig, call for a mechanic - Try to unload wtr off well going up the tbg, pressured to 1400 w/ no circulation - Swap over lines to conventional circulate, break circ @ 850 psi, unload 19 bbl slug of wtr - SD air package & NF well to FB tank, blew light gas but did not unload any wtr, SI well to get a SI pressure in the A.M.