

RECEIVED

In Lieu of
Form 3160
(June 1990)

UNITED STATES
DEPARTMENT OF INTERIOR
BUREAU OF LAND MANAGEMENT

APR 01 2009

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

Lease Designation and Serial No.
Jicarilla Apache Contract #92

Bureau of Land Management
Farmington Field Office

SUBMIT IN TRIPLICATE

1	Type of Well Oil Well Gas Well X Other	6	If Indian, Allottee or Tribe Name Jicarilla Apache Nation
2	Name of Operator WILLIAMS PRODUCTION COMPANY	7	If Unit or CA, Agreement Designation
3	Address and Telephone No. PO BOX 640 Aztec, NM 87410-0640	8	Well Name and No Jicarilla 92 #2B
4	Location of Well (Footage, Sec , T., R., M , or Survey Description) 1980' FSL & 660' FWL SEC 29, T27N, R3W	9	API Well No 30-039-29935
		10	Field and Pool, or-Exploratory Area Blanco MV/
		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
X Subsequent Report	Recompletion
Final Abandonment	Plugging Back
	Casing Repair
	Altering Casing
	X Other <u>Completion</u>
	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)*

02-19-2009

Recap: Move equipment from Jic 92 #17A to Jic 92 # 2B. MIRU, ND WH, NU BOPE, NU blooie line, RU pump to csg, RU air pkg, secure well & loc, freeze protect equip, SDFN.

02-20-2009

Recap: Finish NU on BOPE. Attempt to test csg to 1500 psi, pressured up to 1400 psi, pressure dropped to 0 & got flow back to 2" Braiden head valve, discussed situation w/ Tulsa engineer called for packer to locate leak in 7-5/8" csg. PU & MU packer, RIW to 125" test csg above packer, didn't test, test csg below packer to 500# w/ a good test, pull up the hole testing above the packer to 8' below the WH. Couldn't get the csg to test. LD tbg & packer, called Antelope for a WH hand for morning. Secure well & freeze protect equip, SDFN.

02-21-2009

Recap: Antelope attempted to test inner seal on WH but it wouldn't test, tried to repack WH but packing wouldn't seal off. ND WH & BOP stack, set off BOPE, found 7-5/8 csg had come out of csg slips & fell down hole 22" WO welder & new slip on WH. Cut off & remove WH, weld stub onto csg, set & weld up new WH, PU & MU 7-5/8" csg spear, spear into csg, pull 50,000#, set slips on csg & release spear, LD tools. Found csg seal ring wasn't the correct thickness; Antelope will get one machined for tomorrow. Secure well & equip, SDFN.

RCVD APR 7 '09
OIL CONS. DIV.
DIST 3

14 I hereby certify that the foregoing is true and correct

Signed

Larry Higgins

Title Drilling COM

Date 4-1-09

(This space for Federal or State office use)

Approved by

Title

Conditions of approval, if any

ACCEPTED FOR RECORD
Date APR 03 2009
FARMINGTON FIELD OFFICE
BY T. L. 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.

NMOC.D. 10

Will file amendment

Jicarilla 92 #2B – Page 2

02-22-2009

Recap. Set seal ring on slips, NU BOPE & WH, test inner seal to 3000 psi, good test. Tie rig pump to csg **Load csg w/ wtr, test csg & blind rams to 1500 psi & hold for 30 min w/ no leak off, good test.** Tally PU, MU & RIW (rabbit tbg while PU) w/ 6-3/4" junk mill, bit sub & 1 jt 2-7/8" tbg, unable to get mill past top of csg, rotated mill w/ tongs still no go. POOW & caliper mill, callipered @ 6-3/4". PU & MU 6-3/4" tooth bit went in w/ no problems. Called Knight Fishing & they suggested trying a string mill, thought the csg top might be egged. They will send one out at no charge to try. WO string mill, PU & MU 6-3/4" string mill, hung up in the same spot, tried milling but couldn't make any headway. ND frac valve @ tbg head to see what we were hanging up on, turned out not to be the csg but was the bit guide in the tbg head, callipered ID @ 6-3/4", called Antelope & they said the ID is 6-13/16", they will turn out the ID on another guide tonight & bring it out in the morning. While making up the string mill, floor hand was hit in the side w/ 24" pipe wrench being used as a backup when the PS rotated unexpectedly. Tool pusher took employee to town to have him checked out, tool pusher called & the injured employee has a broken rib. Set BOPE back on tbg head & secured well, freeze protect equip & SDFN. WO AWS Safety Rep, for investigation.

02-23-2009

Recap: Check & start equip ND BOP stack, PU 6-3/4" string mill & pup jt, ck clearance, hung up in the tbg head, LD mill. Called Knight & ordered a 6-11/16" shoe to cut outer ring on DV tool. NU BOP stack, talked to Brian @ Antelope he was concerned that csg might have collapsed, PU 6-3/4" bit, bit sub & 6 jts of tbg RIW to 190' w/ no problem, POOW & std back tbg. Service rig, secure well & freeze protect equip & SDFN.

02-24-2009

Recap: Tally, PU, MU & RIW (rabbit tbg while RIW) as follows- 5-1/2 WP mill shoe dressed to 6-11/16", X-over sub & 117 jts 2-7/8", 6.5#, EUE, 8rd tbg, RU 2.5 PS, PU 1 jt tbg & tag cmt @ 3840', DO cmt & tag DV tool @ 3864', drlg on DV tool, getting hvy torque on PS & drlg slow. Secure well & freeze protect equip, SDFN.

02-25-2009

Recap: RIW tag DV tool, break circ w/ wtr, DO DV tool, RD & hang back PS. Tally, PU & MU tbg, chase DV tool, tag cmt @ 6457' 71' off FC & 177' below bottom perf. RU PS, circ hole clean, TOO H & standback tbg. Load hole & RU BWWC. Run CBL on 7-5/8" csg, log showed TOC @ 6280'. Talked to Tulsa Engineer & we will rerun CBL tomorrow under pressure (BWWC didn't have a pressure head for the BOP with them) & run a larger OD tool. RD BWWC, secure well & freeze protect equip & SDFN.

02-26-2009

Recap: WO BWWC, service rig & equip. RU BWWC, RU rig pump to backside, load hole w/ wtr. Run CBL on 7-5/8" csg, under pressure @ 1000 psi. Log showed top of cmt @ 6274' no sign of cmt above that depth. Talked w/ Tulsa Engineer, instructed to SD until Tuesday & WO orders. RD BWWC, secure well & freeze protect equip, SD until Tuesday.

03-03-2009

Recap: RU BWWC, RU rig pump to backside, load hole w/ wtr. RIH w/ 4" squeeze gun, shoot 3 holes under pressure @ 1000 psi, 120 degree phasing @ 6074', .34" Dia, 21" Pen & 10 Grm Chgs, well went on a vacuum, pumped 10 bbls wtr into squeeze holes @ 250 psi @ 2.5 BPM, well went on vacuum when pump was SD. MU Halliburton 7-5/8" cmt rtmr, TIH w/ 184 jts tbg, set rtmr @ 6006'. RU Halliburton, psi test lines @ 3000 psi, pump 30 FW load hole & test rtmr to 1000 psi & 10 bbls FW pd @ 2 bpm @ 300 psi, start 21 bbls 15.6# slurry (100 sx class G prem) @ 150 psi fell to 0 psi max during pumping, start 34.2 bbl FW disp @ 2 bpm @ 0 psi, 0 psi @ SD, sting out of rtmr & rev out w/ 50 bbls FW, rev .25 bbls cmt returned. TOO H & std back tbg, LD stinger. PU 6-3/4" tooth bit, bit sub, 160 jts of 2-7/8" tbg & TIH. Secure well & freeze protect equip, SD until 3/5/09.

03-05-2009

Recap: Finish TIH, tag rtmr @ 6006'. RU 2.5 PS, break circ w/ FW, DO cmt rtmr & 70' of cmt below rtmr. CO to 6457', test squeeze holes to 500 psi, pressure bled off to 50 psi immediately. Hang off PS, LD 11 jts tbg, TOO H & standback 95 stds tbg. RU BWWC ran CBL on bottom 500'. CBL showed cmt from 6100' to 6218'. Secure well & freeze protect equip, SDFN.

03-06-2009

Recap: RU Halliburton pump truck, tie into backside. Pump down backside thru existing squeeze holes @ 6074', est rate @ 80 BPM @ 1350 psi & 50 BPM @ 800 psi. Discussed options w/ Tulsa Engineer, decision was made to re-squeeze this area. TIH w/ cmt rtmr to 6010', set rtmr. RU Halliburton, psi test lines @ 3000 psi, pump 30 FW load hole & test rtmr to 1000 psi & 10 bbls FW pd @ 2 bpm @ 640 psi, start 50 bbls 15.6# slurry (100 sx Class G Prem) @ .5 bpm @ 470 psi, held 950 psi back pressure on annulus, 3 bbls outside of perfs, SD for hesitation 15 min, began pumping more cmt to perfs & press went to 1500 psi, no more cmt squeezed to perfs, stung out of rtmr & reverse out 4 bbls of cmt left in tbg. RD Halliburton, TOO H & standback tbg, LD stinger. Secure well & freeze protect equip, SDFN.

03-07-2009

Recap: TIH, w/ 6-3/4" tooth bit, bit sub w/ float & 184 jts 2-7/8" tbg, tag rtmr @ 6010'. RU 2.5 PS, break circ w/ FW, DO cmt rtmr & 65' of cmt below rtmr. CO to 6457'. Test squeeze holes to 500 psi, hold for 5 min, no leak off, hang off PS, LD 4 jts tbg, TOO H & standback 97 stds of tbg, ND stripping head. RU BWWC, ran CBL under press @ 500 psi, RIH w/ 4" squeeze gun, shoot 3 holes under press @ 500 psi, 120 degree phasing @ 5708', .34" Dia, 21" Pen & 10 Grm Chgs, pressure dropped to 250 psi, pumped 10 bbls wtr into squeeze holes est rate @ 600 psi @ 1.5 BPM. RD BWWC, secure well & freeze protect equip, SDFN.

03-08-2009

Recap: RU BWWC, RIW w/ WL set CIBP, plug set @ 5950', RD BWWC, TIH w/ cmt rtmr on 2-7/8" tbg, got 15 stds in the hole (1025') when the rtmr set. TOO H break off setting tool, PU 6-3/4" bit & bit sub, RIW to rtmr, RU PS, DO rtmr. Hang back PS, RIW push rtmr below squeeze perfs, RU Halliburton pump truck to tbg & circ bottoms up. TOO H break off bit & bit sub, TIH w/ 2nd cmt rtmr on 2-7/8" tbg, set rtmr @ 5683'. RU Halliburton, psi test lines @ 3000 psi, pump 30 FW load hole & test rtmr to 1000 psi Est rate @ 2 bpm @ 1400 psi, start 8.5 bbls 12.3# (25 sx Halliburton lite) @ 2 bpm @ 1450 psi, followed by 8.5 bbls 15.6# (50 sx Class G Prem) @ 2 bpm @ 1175 psi, hesitate 5 min pump 1 bbl @ 1/4 bpm @ 440 psi, hesitate 10 min & pump 1/2 bbl @ 1/2 bpm @ 499 psi, stung out of rtmr & reverse out 3/4 bbls of cmt to pit. RD Halliburton, LD 2 jts tbg, secure well & freeze protect equip, SDFN.

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03-09-2009

Recap: TOOH & standback tbg, LD setting tool. TIH w/ 6-3/4" tooth bit, bit sub w/ float & 172 jts 2-7/8" tbg, set bit 2 jts above rtnr. Secure well & freeze protect equip, SDFN.

03-10-2009

Recap: RU PS, PU 2 jts tbg & RIW, tag cmt rtnr, break circ w/ FW DO cmt rtnr & cmt below rtnr, CO to top of CIBP @ 5950'. Circ bottoms up, test squeeze holes to 500 psi, TOOH & standback tbg. Test squeeze perms to 500 psi, hold for 30 min w/ 0 psi leak off. ND stripper head & RU BWWC, run CBL under press @ 500 psi. TOC @ 5350' RD BWWC, secure well & freeze protect equip, SDFN.

03-11-2009

Recap: TIH w/ 6-3/4" mill, bit sub & 182 jts tbg, tag CIBP @ 5950'. Tie back drlg line, RU PS, break circ (conv circ) w/ FW, DO CIBP, mill quit making hole, bottom slips haven't released. Secure well & freeze protect equip, SDFN.

03-12-2009

Recap: Replace hanging mech on power tongs TOOH, mill shows some wear but is usable. TIH w/ 6-3/4" tooth bit, bit sub & 182 jts tbg, tag CIBP, bit not making any hole & returns are 0. Talked w/ eng & decided to PU 3-1/2" DC's, hang back PS, TOH.

03-13-2009

Recap: Ck & start equip. Spot in hot shot float w/ DC's. Tally, PU & RIW w/ 6-3/4" junk mill, bit sub, 8 DC's 3-1/2" O.D DC's & X-over sub & 174 jts 2-7/8" tbg. RU 2.5 PS, tag CIBP @ 5954' break circ w/ FW, began rotating on CIBP swivel started to torque up, PU, released torque & dropped string wt on plug & plug released. RIW w/ 3 stds & tagged plug, LD 10 jts tbg, RIW w/ 5 stds in derrick, PU PS & wash plug to bottom @ 6457'. PU off bottom & rev circ well clean. LD 9 jts of tbg set mill @ 6251', secure well & freeze protect equip, SDFN.

03-14-2009

Recap: RU Halliburton to tbg, test lines to 3000 psi, spot 200 gal 15% HCL acid across PLO interval, RD Halliburton. TOOH & standback tbg & DC's. ND BOPE, NU Frac Y, RU BWWC to perf. **Perf PLO, under pressure 1000 psi, 6074'-6280', bottom up 1 SPF w/ 3 3/8" SFG, .34" Dia, 21" Pen & 10 Grm Chgs, 2 gun runs w/ 54 total shots, all shots fired.** Pressure began dropping after 2nd shot, pump into formation w/ Halliburton pump truck, est rate @ 5.3 bpm @ 450 psi, SD pump after 1st gun run & well went on a vacuum. RD BWWC, RD Halliburton, secure well & freeze protect equip, SDFN. Halliburton called @ 21:30 & will not be able to be RU until noon tomorrow for frac, notified rig pusher to hold crew in town until 11:00

03-15-2009

Recap: Move Halliburton equip from Jicarilla 92 #18A to Jicarilla 92 # 2B, spot & RU equip, test lines & equip. Prep for frac on Monday.

03-16-2009

Recap: Psi test lines to 4000 psi, est rate BD w/ wtr @ 120 psi @ 6.2 BPM, spearhead 1000 gal 15% HCL. **Frac PLO w/ 435# .25 20/40 brown sand, followed by 758# .50 2/40 brown sand. Mono prop as follows, 246 lbs 05#, 930 lbs .10#, 1460 lbs .15#, 1787# .20# followed by flush. MIR = 115 bpm, AIR = 43.2 bpm, MTP = 3250 psi, ATP = 3043 psi, ISIP = 2880 psi, 5 min = 644, psi, 10 min = 618 psi, 15 min = 600 psi, only got 84% of .20 mono prop in formation.** Note: SD 1 hr 50 min during frac for repairs to Halliburton chickens & check valve. RU BWWC, RIW w/ WL gauge ring to confirm CIBP setting depth. RIW w/ WL set 7-5/8" CIBP @ 6040', psi test plug to 1000 psi. **Perf CH/MEN, under pressure @ 1000 psi, 5707'-6002'. Pump into formation @ 5 bpm @ 950 psi bottom up 1 SPF w/ 3 3/8" SFG, .34" Dia, 21" Pen & 10 Grm Chgs, 2 gun runs w/ 40 total shots, all shots fired, RD BWWC.** RU Halliburton on WH, psi test lines to 4000 psi, est rate BD w/ wtr @ 1119 psi @ 6.0 BPM, spearhead 1000 gal 15% HCL. **Frac CH/Men w/ 699# .25 20/40 brown sand, followed by 604# .50 2/40 brown sand. Mono prop as follows, 569 lbs 05#, 1000 lbs .10#, 1514 lbs .15#, 1865# .20# followed by flush. MIR = 95.2 bpm, AIR = 43 bpm, MTP = 4039 psi, ATP = 2556 psi, ISIP = 1956 psi, 5 min = 694, psi, 10 min = 675 psi, 15 min = 659 psi.** Note: SD 40 min during frac for repairs to Halliburton pump truck RD Halliburton off WH. Tie FB tank to backside on csg, open 2" line flow well back to FB tank on 1/8" choke. Secure well & equip, turn well over to FB hand. Flow well to FB tank, made 60 bbls fluid & no gas from 22:30 to 24:00 Note. Halliburton spilled approx 5 gal diesel on ground while refueling frac van tractor, soaked up spill, dug up contaminated soil & removed it from loc.

03-17-2009

Recap: Flow well back thru 1/2" choke, light wtr & no gas, ck & start equip, ND Frac Y, NU BOPE. Stage in hole w/ 3 stages unloading wtr from well w/ air, tagged fill @ 6020', 30' of light fill, CO to CIBP, unloaded 140 bbls of wtr on CO, pull above top perms, secure well & freeze protect equip Turn well over to FB hand & air hand, unload well every 3 hrs w/ air, well is making light gas, not unloading wtr W/O air assist.

03-18-2009

Recap: Flow well back thru 2" line, unload wtr w/ air every 3 hrs, making hvy wtr approx 40 bbls each time its unloaded, w/ light gas. RIW to CIBP, unload wtr from well w/ air RU PS, break circ w/ 12 bph A/S mist DO CIBP w/ 6-11/16" junk mill, bit sub, 8 3-1/2" DC's & 2-7/8" tbg Push CIBP down to 6290', tagged hard fill, CO to 6315', LD 6 jts tbg, hang back PS, pull above top perms to 5696'. Secure well & freeze protect equip Turn well over to FB hand & air hand, unload well w/ air, well is making light gas, making very light wtr W/O air assist.

Jicarilla 92 #2B – Page 4

03-19-2009

Recap: Flow well back thru 2" line, unload wtr w/ air every 3 hrs, making hvy wtr approx 30 bbls each time its unloaded, w/ light gas. TOOH & LD mill, mill is dulled out, PU MU & RIW as follows, 6-3/4" tooth bit, bit sub w/ float & 185 jts 2-7/8" tbg. RU PS, RIW tag fill @ 6290'. Break circ w/ 11 bph A/S mist, CO frac sand & push CIBP to 6347', standback 10 stds tbg, hang back PS, pull above top perms to 5696'. Secure well & freeze protect equip. Turn well over to FB hand & air hand, unload well w/ air as needed, well is making light gas, making very light wtr without air assist.

03-20-2009

Recap: Flow well back thru 2" line, unload wtr w/ air every 3 hrs, making hvy wtr approx 45 bbls each time its unloaded, w/ light gas. RU PS, RIW tag fill @ 6347'. Break circ w/ 11 bph A/S mist, CO Frac sand & push CIBP to 6446'. Circ well clean, blow well dry w/ air, hang back PS, standback 14 stds tbg, pull above top perms to 5696'. Secure well & freeze protect equip. Turn well over to FB hand & air hand, unload well w/ air every 3 hrs, unloading about 30 bbls each time its unloaded, making approx 10 bph. well is making light gas, making no wtr without air assist.

03-21-2009

Recap: Unload well w/ air every 3 hrs, unloading about 25 bbls each time its unloaded, making approx 7 bph, made 175 bbls of wtr in 24 hrs. Well is making light gas, appears to be a slight increase in gas flow, making light wtr without air assist.

03-22-2009

Recap: Unload well w/ air every 3 hrs, making approx 6.5 bph, made 160 bbls of wtr in 24 hrs. Well is making light gas, making light wtr without air assist.

03-23-2009

Recap: Flow well back to FB tank thru 2' line, made 46 bbls wtr in 7.5 hrs, 6 BPH avg. **FLOW TEST: Duration = .5 hr, Test Method = pitot, = 112 Mcfd, Csg Psi = 1/2 oz, Tbg Psi = 0 psi, Gas Type = dry, Gas Disposition = non flaring, Choke Size = 2" open line.** RIW to PBTD ck for fill, no fill, unload wtr from well w/ air, unloaded 96 bbls @ 1350 psi. Standback 14 stds tbg, pull above top perms to 5696'. Secure well & freeze protect equip. SWI until Wednesday 3/25/09.

03-25-2009

Recap: SICP 700 psi, blow well down to FB tank. RIW to 6457' check for fill, no fill, unload wtr from well w/ air, unloaded 65 bbls @ 950 psi, 42% of load wtr has been recovered. TOOH & standback tbg, LD 8 3-1/2" DC's. TIH as follows- 2-7/8" half muleshoe w/ exp check, 1 jt 2-7/8" tbg, 2.28 I.D. F-nipple, & 173 jts 2-7/8" tbg, set EOT above top perf. Secure well & freeze protect equip.

03-26-2009

Recap: SICP 250 psi, blow well down to FB tank, making light gas. RIW to 6457' check for fill, no fill, unload wtr from well w/ air, unloaded 60 bbls @ 1100 psi, 43% of load wtr has been rec. LD 5 jts of tbg, PU tbg hanger, **land well as follows, 2-7/8" half muleshoe w/ exp check, 1 jt 2-7/8" tbg, 2.28 ID F-nipple & 191 jts 2-7/8" tbg, EOT tbg @ 6276', F-nipple @ 6243'.** RD tongs & rig floor, ND BOPE, NU WH, test inner seal on tbg hanger to 2000 psi, hold for 15 min. Tie air pkg to WH, pump off exp check, RD surface equip, lower derrick, prepare for rig move to Jicarilla 93 # 12B.

Note: Well shut in at this time awaiting decision on future of well.