

RECEIVED

FEB 23 2009

In Lieu of
Form 3160
(June 1990)

UNITED STATES
DEPARTMENT OF INTERIOR
BUREAU OF LAND MANAGEMENT
Bureau of Land Management
Farmington Field Office

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

SUBMIT IN TRIPLICATE

1. Type of Well Oil Well Gas Well X Other	5. Lease Designation and Serial No. Jicarilla Apache Contract #92
2. Name of Operator WILLIAMS PRODUCTION COMPANY	6. If Indian, Allottee or Tribe Name Jicarilla Apache Nation
3. Address and Telephone No PO BOX 640 Aztec, NM 87410-0640	7. If Unit or CA, Agreement Designation
4. Location of Well (Footage, Sec , T , R., M , or Survey Description) 990' FNL & 920' FEL SEC 31, T27N, R3W	8. Well Name and No. Jicarilla 92 #17A
	9. API Well No. 30-039-29918
	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.)*

2-02-2009

Recap. MIRU, ND WH, NU BOPE, NU blooie line. While spotting fuel tank for air pkg, Triple S Trucking picked up the fuel tank & spilled about 2 gals of diesel on 17A location. Adobe was on location & cleaned up the contaminated soil & placed it in a plastic drum, Williams HSE was notified. Secure well & freeze protect equip, SDFN.

02-03-2009

Recap: Finish RU on all surface equip, tie rig pump to csg, tested csg to 1500 psi, opened 2" valve on Braiden head found the mandrel for the 7" csg was leaking, also the bonnet on the frac valve was leaking, called Antelope, they will send out another frac valve, repack the mandrel & retest it. ND BOPE, remove frac valve, NU BOPE. Secure well & freeze protect equip, SDFN.

02-04-2009

Recap: ND BOPE, NU frac valve, NU BOPE. Antelope on location to test 7" csg mandrel, tested to 3000 psi w/ no leak off. Tested 7" csg to 1500 psi, press would leak off about 100# every 20 sec. Gauge on Braden head valve would show an increase in press in relation to leak off on 7" csg. Called Knight Oil Tools for a 7" packer to test csg & find leak. WO on packer. PU & MU 7" packer, RIW w/ packer & 4 jts tbg to 136", csg wouldn't test above packer, tested csg below packer to 1500 psi w/ no leak off. Started LD tbg in sgls, testing to isolate leak. Tested to 8' below WH & still couldn't get test to hold. Determined @ this time leak must be on threads at connection from mandrel to top jt of 7" csg. Discussed situation w/ Tulsa engineer & Antelope WH & conclusion was the only solution would be to change the WH, made calls to line up equip & personnel to change WH tomorrow, LD packer, secure well & freeze protect equip, SDFN.

RCVD MAR 2 '09

14 I hereby certify that the foregoing is true and correct

Signed Larry Higgins
Larry Higgins

Title Drilling COM

Date 2/23/09

OIL CONS. DIV.

DIST. 3

(This space for Federal or State office use)

Approved by _____

Title _____

Conditions of approval, if any

ACCEPTED FOR RECORD
Date **FEB 24 2009**
FARMINGTON FIELD OFFICE
BY T. SANCHEZ

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 92 #17A – Page 2

02-05-2009

Recap: ND BOPE, tied rig pump to Braiden head valves, pump into backside of 7" csg, found leak where top jt of csg & 7" mandrel are made up, discussed w/ Antelope WH, Welder, & Tulsa engineer, decided to weld the csg & mandrel to repair the leak instead of replacing the WH. Repair leak on WH, test for leaks & NU BOPE. Tie rig pump to csg. Load csg w/ wtr, test csg to 1575 psi & hold for 30 min w/ no bleed off, good test. Secure well drain pump & freeze protect equip, SDFN.

02-06-2009

Recap: Tally PU, MU & RIW (rabbit tbg while picking up) w/ 3-7/8" tooth bit, bit sub & 200 jts 2-3/8" 4.7#, EUE J-55 tbg, tagged cmt @ 6473' 25' off PBTD @ 6498'. PU 2.5 PS, TIH tag cmt @ 6473', DO (reverse circ) to 6498' tag FC @ this depth. Circ until returns are clean, TOO H & standback tbg. Secure well, & freeze protect equip, SDFN.

02-07-2009

Recap: RU BWWC, run CBL across 4 1/2" csg to top of liner, TOC @ 4286'. Turn on the CBL as it is run in the hole & watch for evidence of bonding over the 7" csg interval, RD BWWC. TIH w/ 3-7/8" bit & 194 jts tbg, set bit @ 6313'. Secure well, & freeze protect equip, SD until Monday morning.

02-09-2009

Recap: RU Halliburton Serv to tbg, test csg to 3000 psi, pipe rams leaking no test, spot 200 gals 15% HCL acid across PLO interval, TOO H & standback tbg. ND BOPE, NU Frac Y, RU Halliburton to csg, test csg to 3000 psi w/ no leak off, good test. RU BWWC to perforate, perf PLO, 5984'-6384', under pressure 1000 psi, bottom up 1 SPF w/ 3 3/8" SFG, .34" Dia, 21" Pen & 10 Grm Chgs, 3 gun runs w/ 57 total shots, last 6 shots on first run didn't fire. Pressure began dropping after 2nd shot, pump into formation, est rate @ 5.4 bpm @ 531 psi, SD pump & well went on a vacuum. Make 2nd gun run w/ 27 shots all shots fired, make 3rd gun run w/ 6 shots to cover 6 shots that didn't fire, all shots fired. RD BWWC, secure well & freeze protect equipment, SDFN.

02-10-2009

Recap: Spot Halliburton frac equip, @ 10:30 Halliburton notified me that no acid was sent to location for the frac, contacted Tulsa engineer, decision was made to change frac to Wednesday. Released rig crew & WL crew. Halliburton cont to MIRU, supervisor assured me they would be ready to go down hole @ 8:00, SDFN.

02-11-2009

Recap: Psi test lines to 4000 psi, est rate BD w/ wtr @ 117 psi @ 10 BPM, spearhead 1000 gal 15% HCL. Frac PLO w/ 1403# 1.0 20/40 brown sand, followed by 5000# Mono prop, .05#, .10#, .15#, .20#, followed by 2081# 1.0 20/40 brown sand. MIR = 100 bpm, AIR = 92.5 bpm, MTP = 2830 psi, ATP = 1680 psi, ISIP = 59 psi, well went on a vacuum total fluid to recover = 3429 bbls, WL set 4.5" CIBP @ 5965', psi test plug to 3000 psi. Perf CH/MEN, 5449'-5932', bottom up 1 SPF w/ 3 3/8" SFG, .34" Dia, 21" Pen & 10 Grm Chgs, 2 gun runs w/ 56 total shots, all shots fired, RD BWWC. Est rate BD w/ wtr @ 740 psi @ 5 BPM, spearhead 1000 gal 15% HCL. Frac CH/MEN w/ 656# 1.0 20/40 brown sand, followed by 7260# Mono prop, .05#, .10#, .15#, .20#, followed by 1175# 1.0 20/40 brown sand. MIR = 86.3 bpm, AIR = 72.5 bpm, MTP = 2915 psi, ATP = 2250 psi, ISIP = 485 psi, 5 min = 456 psi, 10 min = 428 psi, 15 min = 407 psi, total fluid to recover = 2738 bbls. RD Halliburton, flow well to FB tank @ 1/2" choke, turn well over to FB hand, psi dropped from 550 psi to 250 psi, well didn't make any wtr.

02-12-2009

Recap: Flow well back to FB tank, light gas & no wtr returned. ND Frac Y, NU BOPE, RU lines to air package. TIH w/ 60 stds tbg to 3913', unload well w/ air @ 1400 psi, unloaded 20 bbl wtr, TIH w/ tbg, tagged fill @ 5883' 82' of fill on plug. Break circ w/ 10 bph A/S mist, CO to 5893'. At this point the derrick hand moved the tbg down to CO & Kelly hose got caught on the torque control on the power tongs, he went to move the hose & the hose came apart where the fitting is pressed onto the hose. SD the job immediately, derrick hand was taken to Farmington to be checked by a doctor but he refused treatment. Pulled above top perfs, tie air package to tbg w/ hard line. Secure well & loc, turn well over to FB hand & air hand. Flow well back to FB tank, unload w/ air every 2 hrs as needed. Well is making light gas & returning hvy wtr w/ air assist, 316 bbls wtr from 14:00 to 0:00.

02-13-2009

Recap: Flow well back to FB tank, unload w/ air every 2 hrs as needed. Well is making light gas & returning hvy wtr w/ air assist, 280 bbls wtr from 0:00 to 5:00. Sent rig crew from AWS 656 to AWS 520 to replace Kelly hose & start CO & DO. Remove damaged Kelly hose & replace. TIH w/ 7 stds of tbg, tag fill @ 5880' 80' off CIBP, PU & RU 2.5 PS. Break circ w/ 10 bph A/S mist @ 900 psi, CO fill to top of plug. DO CIBP w/ 3-7/8" junk mill, bit sub w/ float & 184 jts 2-3/8" tbg, push plug to bottom, unload well w/ air, unloaded approx 100 bbls of wtr, pull above top perf, secure well & freeze protect equip, turn over to FB & air hand. Flow well to FB tank, unload w/ air as needed. Well is making hvy gas & returning some wtr w/ air assist, 70 bbls wtr from 18:30 to 0:00.

02-14-2009

Recap: Flow well to FB tank, unload w/ air as needed. Well has good gas shows & is making hvy wtr w/ NF, flowed nat 605 bbls in 24 hrs w/ light sand.

02-15-2009

Recap: Flow well to FB tank, unload w/ air as needed. Well has good gas shows & is making hvy wtr w/ NF, flowed nat 297 bbls in 24 hrs w/ light sand, wtr has slowed down to about 12 bph, gas is strong.

02-16-2009

Recap: Flow well to FB tank, well is flowing hvy gas & making med wtr w/ NF, made 56 bbls of wtr in 7 hrs w/ light sand. Change out Kelly hose for longer hose. TIH to PBTD, no fill, unload wtr from well w/ air @ 800 psi, unloaded 21 bbls, blow well dry w/ air. TOO H, standback tbg, break off mill & bit sub. TIH w/ 1/2 mulshoe exp check, 1 jt tbg, 1.78 ID F-nipple & 166 jts tbg, set EOT above top perf. FLOW TEST: Duration = 1 hr, Test Method = pitot, = 1644 Mcfd, Csg Psi = 7 lbs, Tbg Psi = 0 psi, Gas Type = dry, Gas Disposition = non flaring, Choke Size = 2" open line. Secure well & freeze protect equip, turn over to FB & air hand, flow well to pit @ bloore line, bucket test showed well is making 14 bph, FB hand called & well is making light oil, switch FB to FB tank, flow to FB tank, no wtr returns thru 2" line to FB tank.

Jicarilla 92 #17A – Page 3

02-17-2009

Recap: Flow well to FB tank, 14 bbls wtr returned thru 2" line to FB tank. Check & start equip, light oil sheen on reserve pit. TIH to PBTD, no fill, unload wtr from well w/ air @ 650 psi, unloaded 15 bbls, blow well dry w/ air, pull above top perf. Flow well to pit @ blooie line, bucket test showed well is making 9 bph. Secure well & freeze protect equip, turn over to FB & air hand, flow well to pit @ blooie line, good wtr flow & hvy gas, switch FB to FB tank, no wtr returns, hvy gas.

02-18-2009

Recap: Flow well to flowback tank, 17 bbls water returned through 2" line to flowback tank, Travel to location --- SM w/ rig crew, check & start equipment. (light oil sheen on reserve pit). --- TIH to PBTD check for fill, no fill, unload well w/ air @ 700 psi from 6498', unloaded 40bbl water. --- LD 3 jts of tbg --- PU tbg hanger, Land well as follows, 2 3/8" half muleshoe, 1 jt 2 3/8" 4.70# J-55 EUE 8rnd tbg, 1.78 I.D. F-nipple & 195 jts 2 3/8" 4.70# J-55 EUE 8rnd tbg. EOT tbg @ 6385', F-nipple @ 6351'. --- RD & LD power swivel, RD tongs & rig floor, ND BOPE, NU WH, test inner seal on tbg hanger to 3000 psi, hold for 15 min. --- Tie air package to WH, pump off exp check, --- RD surface equipment, lower derrick, prepare for rig move to Jicarilla 92 # 2B. FINAL REPORT FOR JICARILLA 92 # 17A. ↓