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Form 3160 DEPARTME	ED STATES ENT OF INTERIOR AND MANAGEMENT	FORM APPROVED Budget Bureau No. 1004-0135 Expires: March 31, 1993					
SUNDRY NOTICE AND Do not use this form for proposals to drill or to deepen or	5. Lease Designation and Serial No. Jicarilla Apache Contract #61						
TO DRILL" for permit for such proposals		6. If Indian, Allottee or Tribe Name Jicarilla Apache Nation					
SUBMIT IN T	7. If Unit or CA. Agreement Designation	If Unit or CA. Agreement Designation					
I. Type of Well Oil Well Cas Well X Other	MAY 2005	S. Well Name and No. INDIAN "I" #4					
2. Name of Operator WILLIAMS PRODUCTION COMPANY	ER ST	9. API Well No. 30-039-29290					
 Address and Telephone No. PO BOX 3102 MS 25-2, TULSA, OK 74101 (10. Field and Pool, or Exploratory Area BLANCO MESA VERDE	• •					
4. Location of Well (Footage, Sec., T., R., M., or 660' FNL & 660' FWL, NW/4 NW/4 _ SEC 34	11. County or Parish, State RIO ARRIBA, NM	-					
CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA							
TYPE OF SUBMISSION	OF ACTION						
Notice of Intent X Subsequent Report	Abandonment Recompletion Plugging Back	Change of Plans New Construction Non-Routine Fracturing					
Final Abandonment	Casing Repair Altering Casing Other <u>Drilling Complete</u>	Water Shut-Off Conversion to Injection Dispose Water (Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form)					

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 13. directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

04-06-2005 MIRU, mix spud mud, drill RH & MH, spud well, drill 12 1/4" hole f/ 0' to 350', circ hole clean, trip out/stand back, RU casers, run guide shoe, 8 jts, 9 %" g, 36#, J55, ST&C, run landing joint= 340'-land @ 336', RD casers, BLM on loc for casing, RU cementers, cement 9 5/8" surface casing, 1 stage cement job- 259 sx type 3 cement + 2% CaCl + .25#/sx cello flake + 42.08 bbl mix water= 65 bbl slurry @ 14.5 ppg (yield= 1.41/WGPS= 6.84) displace w/ 24 bbl fresh water-30 bbl cement returns/ left 25' of cement in casing w/ 100 psi on shut in/ BLM on loc for cement job, good job, wait on cement.

04-07-2005 WOC, NU BOP, related equipment & lines, test BOP, related equipment & lines, BLM on loc for BOP test-good test, install rotating head & flow line, PU bit, new shock sub, run in w/ BHA tag cement @ 287', drill cement f/ 287' to 340'.

04-08-2005 CO 12 1/4" hole f/ 340' to TD @ 350', drill 8 1/4" hole (new formation) f/ 350' to 360', trip for clean up bit, PU PDC bit & run back to bottom @ 360'. drill 8 3/4" hole f/ 360' to 2200'.

04-09-2005 Drill 8 ¾" hole from 2200' to 3130'.

<u>04-10-</u> ,	2005 Drill 8 ¾" hole from 3130' to 3670'.	Continued on Back Side			2005 MAY 070 FA
14.	I hereby certify that the foregoing is true and correct				
	Signed Ross	Title Sr. Production Analyst	Date	May 17, 1	
	(This space for Federal or State office use)				ACCEPTED FOR RECORD
	Approved by	Title		Date	
	Conditions of approval, if any:				MAY 2 3-2005
Tide 18 stateme	U.S.C. Section 1001, makes it a crime for any person kno nts or representations as to any matter within its jurisdiction	wingly and willfully to make to any departm on.	nent or agenc	y of the Unite	d States angles, fictitious or fraudulent



04-11-2005 Drill 8 %" hole from 3670' to 4100', circulate hole clean. Wiper trip back to DC's to log, work tight hole.

04-12-2005 Wiper trip back to DC's to condition hole/ work tight hole, wiper trip back in hole, break circ every 12 stands, W&R through bridges, W&R 10 its to bottom @ 4100', circ hole clean, bring vis up to 60 sec, wiper trip back to DC's, tight hole, wiper trip back in, tag up solid @ 3800', W&R through bridges @ 3800'-4024'-4055'-wash 15' to bottom @ 4100', circ hole clean, bring vis up to 70 sec, TOH to log.

04-13-2005 POOH, stand back to log well, change over to logging rams, RU loggers, wire line log w/ Halliburton, RD loggers, change back to pipe rams, trip into bottom @ 4100', circ hole clean, POOH, stand back DP, LD BHA, RU cement lines, change over to casing rams, RU casers, run 7" intermediate casing.

04-14-2003 Run 7" Intermediate casing & land @ 4080; shoe-1 x shoe jt- float collar-101 jts 7", 20#, K55, LT&C csg, 1 landing jt, total length= 4080.83', circ hole clean to cmt, RD casers, RU cementers, cmt 7" intermediate csg as follows. Lead: 733 sxs (1539 cu.ft.) Premium Light cmt + 8% gel + 1% CaCl + .25# sx cello flake + 202 bbl mix water=274 bbl slurry @ 12.1 ppg (yield= 2.10 WGPS= 11.57). Tail: 50 sxs (70 cu.ft.) Type III cmt + 1% CaCl + .25# sx cello flake + 8 bbl mix water = 12.48 bbl slurry @ 14.5 ppg (yield= 140 WGPS= 6.82). Displace w/ 164 bbl fresh water, bump plug 500 psi over = 1890 psi, 130 bbl cmt returns to surface. Pressure test 7" csg w/ Halliburton @ 1500 psi for 15 minutes, WOC, RU to air drill, PU air hammer & BHA for hammer, run in to 1500' & unload hole w/ air, run in to 3000' & unload hole w/ air, run in & tag cement @ 4007', unload & dry hole up w/ air, drill cmt from 4007' to 4040', drill float @ 4040', drill cmt toward shoe.

04-15-2005 Drill cement & shoe @ 4080', CO to bottom, 8 3/4" hole TD @ 4100', blow hole down & dry w/ air, air hammer drill (new formation) 6 3/4" hole f/ 4100' to 4231', pull back into 7" casing shoe @ 4080', repair rotating head, run back to bottom @ 4231', air hammer 6 3/4" hole from 4231' to 5123'.

04-16-2005 Short trip & re-position string floats, air hammer drill 6 ¼" hole f/ 5123' to 6145', change rotating rubber, air hammer drill 6 ¼" hole f/ 6145' to 6346', 6346' is TD of well, blow well clean, pull out DP to DCs, strap DP to confirm correct drilled depth, run in for clean up trip to log well.

04-17-2005 Run in for clean up trip to log well, blow well clean, trip out onto bank & stand back, change over to logging ram blocks, RU loggers, wire line w/ Halliburton.

<u>64-18-2005</u>-RD loggers, change back to pipe rams, lay down air hammer & bit, function rams, BOP drill-rig secured in 2 minutes, clean out trip to bottom @ 6364', 18' depth adjustment from slm drill pipe & from loggers depth measurement (6346' to 6364'), blow well clean, pull out, stand back 60 stands of DP in derrick to run 4 ½" liner with, pull out, lay down remaining drill pipe & BHA, RU casers, run & land 4.½" liner @ 6360': shoe depth top of hanger @ 8808': 273' overlap into 7" csg, shoe- 21' pup joint-float collar-18 jt(s) csg- 21' marker jt- 36 jt(s) csg= 2544.50', 56 jt(s) 4 ½'-10.5# J55-ST&C-USB casing, RD casers, RU cementers, cement 4 ½" liner, bump plug, hold 1500 psi for 10 minutes, casing test-good, BLM on loc for run & cement liner, cmt job=235 sxs premium tight cement + 1% FL52 + .2% CD32 + .1% R3 + 3# sx cse + .25# sx cello flake + 4% phenoseat with last 185 sxs (no phenoseal w/ first 50 sxs) + 64 bbl mix water= 90 bbl slurry @ 12.3 ppg (yield= 2.15/WGPS= 11.30), displace w/ 82 bbl fresh water, bump plug @ 2590 psi= 1300 over, hold 1500 psi for 10 minutes to test casing-good test, 10 bbl cement returns to surface-good cement job-no problems, displace well with water, flush out BOP stack & all lines, RD cementers, pull out, LDDP used to run liner.

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04-19-2005 Release rig @ 0000 hrs, 04/19/05.

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