

In Lieu of  
Form 3160  
(June 1990)

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

2004 AUG 20

5. Lease Designation and Serial No.  
JICARILLA CONT. #60

6. If Indian, Allottee or Tribe Name  
JICARILLA

7. If Unit or CA, Agreement Designation

SUBMIT IN TRIPLICATE

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

2. Name of Operator  
WILLIAMS PRODUCTION COMPANY

3. Address and Telephone No.  
PO BOX 3102 MS 25-2, TULSA, OK 74101 (918) 561-6254

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
990' FSL & 990' FWL, SW/4 SW/4, SEC 15-T28N-R3W

8. Well Name and No.  
INDIAN H #1

9. API Well No.  
30-039-07333

10. Field and Pool, or Exploratory Area  
GAVALIN PCB/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

Notice of Intent  
☒ Subsequent Report  
Final Abandonment

TYPE OF ACTION

☒ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
Other Pay Add

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.)\*

07-06-2004 MIRU, blow well down. NDWH & NU BOP. RU blooie line. Release Model "R" pkr, LD 1 jt of 2 3/8" tbg. SDFN.

07-07-2004 Csg - 120 psi, tbg - 120 psi. Blow well down. POOH with 192 jts of 2 3/8" tbg with Model R Pkr. Total tbg = 5986' with KB. RIH with Baker RBP. Set RBP @ 3777'. Load hole with 2% KCI wtr. Circulate until clean. Pressure to 1000 psi - OK. POOH with 3 jts. RIH with Baker pkr, set pkr @ 30' with string float in top of pkr. Back out top jt. NDBOP. Remove 2000 psi WH. Installed 3000 psi WH, tested seals in WH to 1500 psi - OK. NUBOP, POOH with Baker pkr. Close pipe rams and test BOP's, wellhead & csg down to 3777' to 3000 psi - OK.

07-08-2004 SICP = 0 psi, attempt to open pipe rams, pipe rams came off of slide, open doors, fish ram out & repair. PU 3 jts, latch onto RBP @ 3777', open bypass, let well equalize. TOOH w/RBP, LD same. PU & MU tools. TIH w/4 3/4" bit, BS & 4 3/4", tag/hang up @ 5986' (slip). RU power swivel. Unload well w/air only, break circ w/10 bph a/s mist. CO from 5986' to 6061' (TD), solid fill from 6000' to 6061' (open hole), run three 6 bbl sweeps. LD 1 jt, hang swivel back, POOH w/4 stands, SWI, SDFN.

Continued on Back

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

Signed

Tracy Rosso  
TRACY ROSSO

Title SR. Production Analyst

Date

August 24, 2004

(This space for Federal or State office use)

Approved by /s/ David R. Sitzler

Title

Division of Multi-Resources

Date

SEP 27 2004

Conditions of approval, if any:

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.

07-09-2004 SICP = 300 psi, SITP = 50 psi, blow well down, C/O hydromatic air valve. Tally out w/194 jts, LD tools, tally shows TD @ 6053' KB. MU tools, TIH w/5 1/2" pkr to 5750'. SDFN.

07-10-2004 SICP = 400 psi, blow well down, start equip. Continue in & set 5 1/2" pkr @ 5975'. RU BJ, acid Pt. Lo (open hole) w/1000 gals 15% hcl acid @ 900 psi & 2.3 bpm, ISIP = vac. Rel pkr, TOOH w/same. MU tools. TIH w/5 1/2" rbp & 5 1/2" pkr in tandem. Set rbp @ 5975', PU & set pkr @ 5875'. Acidz lower Menefee perms @ 5914'- 5964' w/1000 gals 15% hcl acid @ 1300 psi & 3 bpm, ISIP = vac. Rel pkr, TIH, latch onto & rel rbp, PU & set rbp @ 5880', set pkr @ 5790'. Acidz upper Menefee perms 5812'- 5824' w/1000 gals 15% hcl acid @ 1820 psi & 2.7 bpm, ISIP = 1050 psi, 5 min = 870 psi, bleed off. Rel pkr, latch onto & rel rbp. TOOH w/tools, break & load out same. PU tools, SDFN.

07-11-2004 RU Black Warrior WL, run GR/CCL #5500'- 6000', w/ set 5 1/2" CIBP @ 5780', RD BWWC. C/O to run 2 7/8" tbg. C/O pipe rams, tally top row. PU & TIH to 3720' w/120 jts 2 7/8" work string, (windy conditions + rig not quite over the hole). RU swivel, circ hole clean w/180 bbls 2% kcl. Tally out w/60 stands, SDFN.

07-14-2004 RU manual tongs & tools. PU & MU csg patch as follows: lower ext w/seals, hanger, 4 jts 4 1/2" CLAD csg, hanger, upper hanger w/seals, stroker stick-up, two 3 1/2" dc's, jar, two 3 1/2" dc's & C/O, BHA = 335'. TIH w/csg patch to 3948'. Hold safety mtg w/all personnel (13 total). RU BJ, test lines, top backside off w/40 bbls 2% kcl. Attempt to set csg patch & swedge out, pres up to 2200 psi & set swedge off, patch didn't friction bite in csg, couldn't make 2nd swedge movement without friction bite. TOOH w/patch, hang up 15' below surface, find out btm 5 jts & top jt of 5 1/2" are 15.5#, all jts in between = 14#. Work stuck pipe, attempt to work up & down w/no movement. SDFN.

07-15-2004 PU & MU jarring assembly as follows: jars, bumper sub & one 3 1/2" DC. PU on fish, set jars off 2 times & move fish up 7' & hang up, set jars off one more time and POOH w/fish. Break out & LD jarring assembly. Break out & LD patch & hanger assembly, SION. Load out tools, service equip, clean up loc, shut down until Monday.

07-19-2004 SICP = 275 psi, blow well down. CO to run 2 3/4" tbg, CO pipe rams. MU tools, TIH w/bit & csg scraper to 3780'. Work scraper up & down across PC/sqz holes #3780'- 3980'. TOOH w/bit & scraper, LD same. CO to run 2 3/4" tbg, CO rams. MU tools, make gauge ring/drift run to 60' w/drift tool made by Baker to insure new patch will go thru top jt of csg. POOH w/tools, LD same. SWI, SDFN.

07-22-2004 SICP = 200 psi, blow well down, spot in equip. Load hole w/90 bbls 2% kcl, RU manual tongs & handling tools. PU & MU csg patch as follows: lower ext w/seals, 8 jts (148.5') 4 3/4" 13.4# CLAD csg, hanger w/seals, stroker stick-up, two 3 1/2" DC's, jar, two 3 1/2" DC's & C/O, BHA = 341', C/O to run 2 7/8" tbg. TIH w/patch, end of BHA @ 3953'. RU BJ, hold safety mtg, pres test lines to 5000 psi. PU 1 jt, get on depth, top seal @ 3797', btm seal @ 3946'. Set & swedge csg patch out #3789'- 3964'. Pull 4 stands, set jars off 1 time each @ both upper & lower hangers. Pres test csg to 2500 psi & held, RD BJ. TOOH w/tools, break & load out same, SDFN.

07-23-2004 SICP = 0, spot in & RU Black Warrior WL. Dumpbail 15 gals 28% hcl acid across Cliffhouse. Perf Cliffhouse intervals 2 SPF w/3 1/8" HSC, .34" dia, 22" pen & 12 grm chgs @ 5704'- 5712' (16 holes) 5742'- 5750' (16 holes) made 1 run 32 holes total, RD BWWC. TIH open ended w/2 7/8" work string to 3900'. POOH laying down w/2 7/8" work string. ND stripper head & swing, NU frac Y, SDFN.

07-26-2004 RU BJ, Load hole w/30 bbls fw, break down CH @ 3000 psi. Frac CH w/1000 gals 15% HCl acid ahead & 10,280 lbs of 14/30 Lite Prop 125 @ .10, .20 & .30 ppg, tailed in w/16,000 lbs 20/40 white sand @ 1 ppg, total FW = 2227 bbls, total FRW = 136 gals, MIR = 68 bpm, AIR = 58 bpm, MTP = 3460 psi, ATP = 3300 psi, ISIP = 1100 psi, 15 min = 800 psi, open csg valve & flowback. RD BJ, ND frac Y, NU swing & stripper head, c/o pipe rams, well flowing back on own. MU tools, TIH w/mill to 2500', (well unloading on own) RU swivel. RU swivel, blow well #2500' w/air only, ret's hvy wtr & med sand, RD swivel. Continue w/mill to 4120', RU swivel. Blow well #4120' w/air only, ret's hvy wtr & med sand, bucket test @ 1745 hrs = 86 bph, turn over to flowback, flow natural overnight.

07-27-2004 Unload & blow well #4120', ret's hvy wtr w/trace sand, bucket testy went #46 bph to 33 bph. Continue in w/mill, tag 35' of fill @ 5745', (btm perf @ 5750') RU power swivel, break circ w/8 bph a/s mist. CO #5745'- 5780' (cibp), run two 6 bbl sweeps. Blow well #5770' w/air only, bucket test = 25 bph w/trace sand. Hang swivel back, POOH w/3 stands, turn over to air hand & flowback. Blow well #5600', bucket test = 13 bph w/trace sand.

07-28-2004 Blow well #5600', bucket test = 10 bph w/trace sand. Bypass air, TIH & tag 3' of fill, RU swivel. Break circ w/6 bph a/s mist, CO to CIBP, run 6 bbl sweep. Blow well w/air only, bucket test @ 1630 hrs = 9 bph w/trace sand, get water sample for BJ. Bypass air, PU bit to 5750', turn over to flowback. Flow natural w/5' high flare. Blow well #5750' w/air only, bucket test @ 2200 hrs = 9 bph.

07-29-2004 Blow well #5750' w/air only, bucket test @ 0600 hrs = 7 bph. Bypass air, flow natural. Unload well, break circ w/14 bph a/s mist. Mill out CIBP @ 5780', let well unload. Mill on & push btm 1/2 of CIBP to TD @ 6053'. Blow well #6053', run five 6 bbl sweeps, hang swivel back. POOH, LD 192 jts 2 3/4" tbg & mill, PU 1 jt, stab TIH, turn over to flowback, flow natural overnight.

07-30-2004 PU & TIH w/194 jts 2 3/8" tbg to TD @ 6053'. RU swivel, unload well w/air only, run two 6 bbl sweeps. LD 2 jts, land tbg @ 6033'-kb as follows: 1/2" mule shoe, 1.81" SN, 192 jts 2 3/4", 4.7#, J-55 EUE yellow band tbg, (192 jts total). RD rig floor, ND swing & BOP's. NUWH, pressure test seals to 2500 psi & held. Turn well to production department, release rig.