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UNITED STATES DEPARTMENT OF INTERIOR

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 21 1002

June 199	BUREAU OF L	AND MANAGEMENT	Budget Bureau No. 1004-0135 Expires: March 31, 1993
Do not u	SUNDRY NOTICE AND use this form for proposals to drill or to deepen o TO DRILL" for perm	r reentry to a different reservoir Use "APPLICATION,	4. 10: 26 ase Designation and Serial No NMSF-078890
	SUBMIT IN T		7. If Unit or CA, Agreement Designation
1.	Type of Well Oil Well X Gas Well Other		8. Well Name and No. ROSA UNIT #389
2	Name of Operator WILLIAMS PRODUCTION COMPANY		9. API Well No. 30-039-29506
3	Address and Telephone No. PO BOX 3102 MS 25-2, TULSA, OK 74101	918) 573-6254	10 Field and Pool, or Exploratory Area BASIN FRUITLAND COAL
4	Location of Well (Footage, Sec, T, R, M., or 2460' FNL & 2330' FML, SW/4 NE/4 SEC	• •	11 County or Parish, State RIO ARRIBA, NM
	CHECK APPROPRIA	TE BOX(s) TO INDICATE NATURE OF NOTICE, REP	ORT, OR OTHER DATA
	TYPE OF SUBMISSION	TYPE OF ACTION	
.	Notice of Intent X Subsequent Report Final Abandonment	Abandonment Recompletion Plugging Back Casing Repair Altering Casing Other <u>Complete</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.)
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.)* O7-18-2007 MIRU, drill rat & mouse holes. Spud 12 ¼" surface hole @ 0330 hrs, 7/18/07. Drilling 12 ¼" surface hole from 0' to 130'. O7-19-2007 Spud 12 ¼" surface hole from 130' to 395' (TD surface hole @ 1330 hrs, 7/18/07). Circ @ 395' & cond hole for 9-5/8" csg. TOOH. RU csg crew & run 8 jts 9-5/8", 36#, K-55, LT&C csg w/ notched guide shoe on bottom & float insert on top of 1st jt, centralizers on 1st 3 jts in hole, total length of csg = 370', landed @ 387'. RU BJ & cmt as follows, 10 bbls fresh water spacer, 225 sxs (215 cu.ft., 56 bbls) Type III cmt w/ 2 % CaCl & 1/4# sk Cello Flake. Displace w/ 26 bbls FW, PD @ 6:35 pm 7/18/07. Circulate 20 bbls good cmt to surface, float held ok, SI csg w/ 205# on cmt head. WOC, NU BOPE. O7-20-2007 Install test plug in braden head & test BOP pipe, blind rams, choke manifold valves, mud cross valves, floor valve & upper Kelly valve @ 250# low for 5 mins & 1500# high for 10 mins. Test 9-5/8" csg against blind rams @ 1500# for 30 mins, test plug & chart			
recorder	r used on all tests. All tests were good ole from 395' to 1169'.	Í. PU bit #2, TIH, tag up @ 330'. Drill cmt & f Continued on Back	loat equipment from 330' to 387'. Drill 8 34" RCVD AUG 29 '07 OIL CONS. DIV. DIST. 3
14	I hereby certify that the foregoing is true and considered Tracy Ross		ate August 27, 2007
	(This space for Federal or State office use)	·	wavelien laulienous?
	Approved by	Tıtle	Date

07-21-2007 Drill 8 3/4" rotary hole from 1169' to 2040'.

07-22-2007 Drill 8 3/4" rotary hole from 2040' to 2661', circulate & condition hole for short trip to DC's.

<u>07-23-2007</u> Short trip to DC's, circulate @ 2661', TOOH, LD DC's, jet & clean mud tanks, mix 75 bbls new mud. PU bit #3 & directional assembly, orientate tools. TIH to 500' & test directional tools, good test. TIH w/ bit #3 & directional assembly, wash & ream from 1000' to 1500', install rotating head & drivers.

 $\underline{07-24-2007}$ Wash & ream from 1500' to 2247', break circulation every 120' to 2581', tag fill, wash 80' of fill to 2661'. Directionally drilling 8 $\frac{3}{4}$ " hole from 2661' to 2856'.

07-25-2007 Directionally drilling 8 3/4" hole from 2856' to 3130'.

<u>07-26-2007</u> Directionally drilling 8 ¾" hole from 3130' to 3146'. Down hole motor failed, circ from trip out. TOOH & LD motor #1, bit #3, LD 1-NMDC & E-sub w/ damaged threads. Move & caliper dir tools, build volume in mud tank, unload 7" csg. TIH w/ bit #4 & dir BHA #2, no fill. Wash & ream from 3099' to 3146'. Directionally drilling 8 ¾" intermediate hole from 3146' to 3283'.

07-27-2007 Directionally drilling 8 3/4" intermediate hole from 3283' to 3540'.

<u>07-28-2007</u> Directionally drilling 8 ¾" intermediate hole from 3540' to 3630'. Circ & cond hole @ 3603', TOOH & LD directional assy #2, TIH slick, rerun bit #4.

<u>07-29-2007</u> TIH slick, tag bridge @ 3357'. Wash bridge from 3357' to 3372', bridge very soft, cont to wash to bottom 3603', no fill. Circ & cond hole from 7" csg @ 3600' TMD, 3270' TVD. LDDP & BHA, XO rams to 7", RU casers, run 83 jts, 7", 23#, J-55, LTC csg, cmt nose guide shoe on bottom & float insert on top of 1st jt in hole, total length of csg = 3586'. Land csg @ 3600' TMD & 3270' TVD. Circ csg to bottom & land. Test mandrel, RU BJ cmt as follows, 20 bbls FW ahead, 550 sxs (1149 cu ft., 204 bbls) Premium Lite 8% gel 1% CaCl, 1/4#/sk Cello Flake. Tail 150 sxs (210 cu.ft., 37 bbls) Type III, 1% CaCl, 1/4#/sk Cello Flake. Displace csg w/ 140 bbls FW, PD @ 9:56 PM 7/28/07, circ 80 bbls cmt to surface, TOC on intermediate csg @ surface, float held ok. WOC, ND BOP, install false bowl, XO spools 7 1/16" 5K, 11" 3K, & NU BOP, XO rams to 3.5", clean mud tanks.

<u>07-30-2007</u> WOC & NU BOPE & XO tools to 3.5". Cut off 120' drlg line. Test BOP 3.5" pipe rams & floor valve @ 250# low for 5 min & 1500# high for 10 min, test <u>7" csg against blind rams @ 1500# for 30 min, tested ok. Move dir tools, 5" DC's, 3.5: DP & strap, caliper same. Hook up kill lines & bleed off lines. PU bit #5, dir BHA #3, & TIH PU DP & 20 5" DC's off racks. Tag up @ 3500'.</u>

07-31-2007 WO CaCl drilling fluid.

08-01-2007 WO CaCl bulk trucks delivered to batch plant, plant will mix tonight & deliver fluids in the morning.

<u>08-02-2007</u> WO CaCl, unload trucks & transfer CaCl to mud tanks, circ hole @ 3500' & cond fluid wt @ 9.8# gal. Ream out cmt stringer from 3500' to 3550', drlg cmt & equip from 3550' to 3600', COOH from 3600' to 3603'. Horizontal drilling 6 ¼" from 3603' to 3616', attempting surveys MWD not communicating w/ surface computers, short TUH to 3220', MWD came back on line while pulling up @ 3220', went back to bottom. Horizontal drilling 6 ¼" hole from 3616' to 3738'.

08-03-2007 Horizontal drilling 6 1/4" hole from 3738' to 4328'.

<u>08-04-2007</u> Horizontal drilling 6 ¼" hole from 4328' to 4424'. Work pipe & circ, gas kick @ 4416' to 4424', hole running coal, press up & tight, increase CaCl wt from 9.7# gal to 10.3# gal, hole will not clean & kicking @ 1800 units gas. TOOH to 7" csg, 50K overpull 1st 100', hole free until BHA & bit entered 7" csg, pulled tight in csg. Circ & work pipe in csg, hole unloaded fine & med size coal for 4 bottoms up circulations @ 3550', TOOH no drag. Stand dirc tools back in derrick. Function blind rams, TIH to 3600', circ @ 3600' & raise fluid wt to 10.6# gal, hole seeping @ 10.6# gal w/ pump running. TIH slowly to 3750', no fill. Circ @ 3750' hole making coal fines only, TIH slowly to 4200', wash & ream from 4200' to 4424', tag fill @ 4390', hole making large amounts of med & small coal. Work stuck pipe & pull tight hole from 4424' up to 4360', hole free & circ good @ 4360'.

<u>08-05-2007</u> Circ & cond hole @ 4360'. TOOH to 7" csg shoe, circ 7" csg clean for 4 ½" liner. TOOH to PU 4 ½" liner, stand all pipe in derrick, RU csg crew & run 4 ½" pre perf prod liner, guide shoe on bottom, 40 jts, 11.6#, K-55, LT&C, pre perf csg, 1 jt, 11.6#, K-55, blank csg & liner hanger. TIH w/ 4 ½" liner on 3 ½" DP, tag solid fill @ 4411'. Hang liner off & pack off liner top, shoe @ 4408' TMD, liner top @ 2688' TMD, LDDP, DC's, setting tool & dir tools out of derrick. XO rams to 2 3/8", move & strap tbg on racks, run 111 jts 2 3/8", 4.7#, J-55, EUE tbg, mule shoe on bottom & SN on top of 1st jt, landed @ 3580' TMD. Displace CaCl in annulus w/ clean produced water, catch CaCl in frac tank for use on next well, ND BOP.

08-06-2007 ND BOPE, NU master valve on WH, turn well to production department, RD & release rig @ 1500 hrs, 8/5/07.