In Lieu		UNITED STATES		
Form 3160		DEPARTMENT OF INTERIOR		
(June 19	990)	BUREAU OF LAND MANAGEMENT		
Do ποι	tuse this form for proposals to	Y NOTICE AND REPORTS ( drill or to deepen or reentry to a di ) DRILL" for permit for such prop	ifferent reservoir. Us	e "APPLIC
		O DRIED TO PETHIC TO SUCH PROP	oosals	
···		SUBMIT IN TRIPLICATE	Sosals S	970777
			56 18	910772 2000
1	Type of Well Oil Well X Gas Well		Sosals Sosals	307772 2008
1	Type of Well Oil Well X Gas Well	SUBMIT IN TRIPLICATE	Socials Social S	9077/2
1 2.	Type of Weil	SUBMIT IN TRIPLICATE Other	Sosals Sosals	2005 2005

## TES INTERIOR ANAGEMENT

FORM APPROVED Budget Bureau No. 1004-0135 Expires: March 31, 1993

Lease Designation and Serial No. NMSF-078765 If Indian, Allottee or Tribe Name

manufacture de la company de l	1	
891177	7.	If Unit or CA, Agreement Designation
400 S	8.	Well Name and No. ROSA UNIT #156B
16 3. B	9.	API Well No. 30-045-32745
32 12 12 12 12 12 12 12 12 12 12 12 12 12	10.	Field and Pool, or Exploratory Area BLANCO MV BOSTA DK
	11.	County or Parish, State

SAN JUAN, NM

5.

6.

CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF SUBMISSION TYPE OF ACTION Abandonment Change of Plans Notice of Intent Recompletion New Construction Non-Routine Fracturing X Subsequent Report Plugging Back Water Shut-Off Casing Repair Altering Casing Conversion to Injection Drilling Complete Dispose Water casine TOC (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.)\*

05-29-2005 MIRU, spud well @ 1300 hrs, 5/28/05. Drill 1 1/4" hote from 0' to 400'.

Location of Well (Footage, Sec., T., R., M., or Survey Description) 1660' FSL & 2625' FEL, NW/4 SE/4 SEC 09-T31N-R06W

05-30-2005 Drill 12 1/4" hole from 400' to 550'. RIH w/ 12 jts (522.12') 9 1/4", 36#, J-55, LT&C csg, landed as follows: shoe on bottom, 1 jt csg, insert float, 11 jts csg & 11' landing jt. Shoe depth @ 533'. Circulate csg fro cmt. Cmt 9 %" csg as follows: 320 sxs (451 cu.ft.) Type III cmt = 150% excess cmt + 2% CaCl + .25 #/sk Cello Flake + 52 bbls mix wtr = 80 bbls slurry @ 14.5 ppg (yield = 1.41 / WGPS = 6.84). Displace w/ 39 bbls FW. Bump plug to 800 psi, 500 psi over. Plug down @ 1600 hrs. 38 bbls cmt returns to surface, good cmt job. Passed by NM BLM office. WOC, prepare to NU & test BOP's

05-31-2005 Back out & LD landing it, install csg head, NU BOP's. Test BOP's & all related equipment & lines, 250 psi low/1500 psi high for mins each. Test csg to 1500 psi for 15 mins, good test. BOP testing passed by Bob Vehill, NM BLM. PU bit, RIH w/ BHA to TOC @

491'. Drill cmt, float & shoe @ 533', CO from 533' to 550'. Drilling 8 3" hole from 550' to 1196'.

- Prior authorization is required to after total depth, hole size, clising sizes, is continued on Back Continued on Back.

Cument Murries. This is a violation of CFR 3 162.3-2. If such a violation occe If such a violation occurs

					4
14.	I hereby certify that the foregoing is true and correct	in the future, an	assisment	May be 1584en	as p
	Signed Nacy Koss Tracy Ross	Title Sr. Production Analyst	Date <u>June 28</u>	ACCEPTED FOR RE	:cort
	(This area for Federal or State of Federal				
	(This space for Federal or State office use)			1	
	Approved by	Title	Date _	JUL 0 7 200	5
	Conditions of approval, if any:			- artiäitus tasa (siit thi	AFFICE 1
	Conditions of approval is any			FARMINGIUM FIELD	JITIOL

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.

06-01-2005 Drill 8 1/4" hole from 1196' to 2470'.

06-02-2005 Drill 8 3/4" hole from 2470' to 3600'.

06-03-2005 Drill 8 %" hole from 3600' to 3706', circulate hole clean. RIH & land 7" csg @ 3697' as follows: 82 jts, 7", 20#; K-55, LT&C csg, shoe on bottom, 1 jt csg, insert float, 81 jts csg (3685.76') + 11' landing jt = 3697' @ shoe depth. Circulate csg to cmt. Cementing 7" csg at report time.

06:04-2005 Cmt 7" intermediate csg as follows. Lead @ 130% excess cmt: 610 sxs: (1281 cu.ft.) Premium Light cmt + 8% gel + 1% CaCl + .25#/sx Cello Flake + 4% Phenoseal + 168 bbls mix wtr = 228 bbl slurry @ 12.1 ppg (yield = 2.1/ WGPS = 11.57). Tail @ 0% excess cmt: 50 sxs (70 cu.ft.) Type III cmt + 1% CaCl + .25#/sx Cello Flake + 8 bbls mix wtr = 13 bbl slurry @ 14.5 ppg (yield = 1.40 / WGPS = 6.82). Displace with 147 bbl wtr, plug down @ 07:00. 85 bbl cmt returns to surface. Bump plug to 1500 psi - 550 psi over displacement. Hold 1500 psi for 15 min for csg test, float not holding, shut in with 600 psi. WOC, prepare for next hole section drilling with air hammer. Lay out landing jt & change csg rams back to pipe rams. PU air hammer & RIH to 1000' test pipe rams @ 1000' in war, blow well down @ 1000' - 2000' - 3000'. Tag cmt @ 3640' & blow well dry @ 3640' (TOC). Drill cmt - float - cmt - shoe from 3640' to 3697'. CO from 3697' to 3706'. Air hammer drill 6 ¼" hole from 3706' to 4080' (new formation).

06-05-2005 Air hammer drill 6 14" hole from 4080' to 5826'.

06-06-2005 Air hammer drill 6 4 hole from 5826' to 6123' (TD). Blow hole clean. POOH, LD DP & BHA. RU csg crew. RIH w/ 59 jts 4 ½", 10.5#, K-55.ST&C liner as follows: csg shoe, 1 jt csg, shoe jt, float, 10 jts csg, marker jt, 47 jts csg, csg hanger (2711'). TOL @ 3427, shoe @ 6123' & marker jt @ 5590'. Cmt liner as follows. Lead: 100 sxs. (258 cu.ft.) Premium Light HS cmt + 1% FL52 + .2% CD32 + 3#/sx CSE + 35.28 bbls mix wtr = 45.9 bbl slurry @ 11.6 ppg (yield = 2.58 / WGPS = 14.81). Tail: (105 sxs. (226 cu.ft.) Premium Light HS cmt + 1% FL52 + .2% CD32 + 3#/sx CSE + .25#/sx Cello Flake + 4% Phenoseal + 28.21 bbl mix wtr = 40.18 bbl slurry @ 12.3 ppg (yield = 2.15 / WGPS = 11.29). Displace with 79.5 bbl FW. Bump plug from 900 psi to 1400 psi = 500 psi over. No cmt returns to surface. RD cementers. POOH, LD liner running DP.

06-07-2005 Continue to POOH w/ DP. WOC. Release rig @ 1600 hrs.

20