

Form 3160-5
(June 1990)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other	7. If Unit or CA, Agreement Designation
2. Name of Operator Dugan Production Corp.	8. Well Name and No. Patriot 1
3. Address and Telephone No. P.O. Box 420, Farmington, NM 87499 (505) 325-1821	9. API Well No. 30-045-28579
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 330' FSL & 330' FWL, Sec. 29, T26N, R13W, NMPM	10. Field and Pool, or Exploratory Area Bisti Lower Gallup
	11. County or Parish, State San Juan, NM

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other T.D. & casing
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> 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, 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.)*

T.D. 5375' reached on 9-29-91. Finished running IES & CDL logs. T.I.M. and conditioned mud. Laid down drill pipe and collars. Rigged up and ran 119 jts. 4-1/2" OD, 10.5#, 8 Rd. ST&C wildcat 50 casing (T.E. 5390.70') set at 5380' RKB (*Note difference in casing T.D. and driller's T.D.), float @ 5334'. Cemented 1st stage with 15 bbls mud flush followed by 250 sx 50-50 pos + 2% gel and 1/4# celloflake per sack (total cement slurry 1st stage = 305 cu.ft.). Full mud returns while cementing. Reciprocated casing OK while cementing. Maximum cementing pressure 400 psi. Bumped plug with 1560 psi - float held OK. Dropped opening bomb. Opened stage tool at 4256'. Circulated with rig pump 2-3/4 hrs. Rigged up and pumped 15 bbls mud flush followed by 850 sx 65-35 plus 12% gel and 1/4# celloflake/sk followed by 50 sx 50-50 pos + 2% gel and 1/4# celloflake per sack (total cement slurry 2nd stage = 1940 cu.ft.). Total cement slurry both stages = 2245 cu.ft. Full returns while cementing. Circulated 20 bbls cement to surface. Closed stage tool with 2500 psi - held OK. Maximum cementing pressure 1250 psi. Job complete at 2:00 A.M. 9-30-91. Nipped down BOP, set 4-1/2" casing slips and cut off casing. Released rig at 4:30 A.M. 9-30-91. (Note: turbolizers @ 771' and 681').

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

Signed Jim L. Jacobs
(This space for Federal or State office use)Title GeologistDate 10-1-91Approved by _____
Conditions of approval, if any: _____

Title _____

ACCEPTED FOR RECORD

OCT 2 1991

FARMINGTON RESOURCE AREA