Form 3160~5 (Nevember 1983) (Formerly 9-331)

SHOOT OR ACIDIZE

REPAIR WELL

## 5 BLM l File UNITED STATES DEPARTMENT OF THE INTERIOR (Other Instructions on re-

SUBMIT IN TRIPLICATE.

SHOOTING OR ACIDIZING

Casing

Other \_\_ T.D.

Form approved. Budget Bureau No. 1004-0135 Expires August 31, 1985 5. LEASE DESIGNATION AND SERIAL NO

BUREAU OF LAND MANAGEMENT

MULTIPLE COMPLETE

ABANDON\*

CHANGE PLANS

アイン(K U S 10 Skill in 10 Lt. makes it a come for any person knowingly and 地心はいけった

SUNDRY NOTICES	AND	REPORTS	ON	WELLS
		KLI ONIJ	$\sim$ 1 $^{\circ}$	**

NM 32124 IF INDIAN, ALLOTTER OR TRIBE NAME

ALTERING CARING

(1)0 not use this form for Use "AP			
OIL X GAB OTS		· · · · · · · · · · · · · · · · · · ·	7. UNIT AGREEMENT NAME
2 NAME OF OPERATOR			S. PARM OR LEASE NAME
DUGAN PRODUCTION COR	P		Calgary
3 ADDRESS OF OPERATOR		m coriver	9. WELL PO.
P.O. Box 420, Farmin	gton, NM 87499	DERFIAFIL	6
4. LOCATION OF WELL (Report local See also space 17 below.) At surface  2205' FSL & 2205' FW	L	NOV2 3 1990 OIL CON. DIV	South Bisti Gallup 11. SBC, T, E, M, OR BLK. AMD SURVEY OR ARMA Sec. 6, T23N, R10W, NMPM
4. PERMIT NO 15. ELEVATIONS (Show whether DF, ET, CR, etc.)		12. COUNTY OR PARISH 13. STATE	
API #30-045-27822 6547' GL; 6559' KB		San Juan NM	
18 Check	Appropriate Box To Indicat	e Nature of Notice, Report, or	Other Data
NOTICE OF	OT MOITHBEN	sone	IQUENT REPORT OF .
TEST WATER SEUT-OFF	PULL OR ALTER CASING	WATER SHUT-OFF	REPAIRING WELL

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.) 17 DESCRIBE OR COMPLETED OPERATIONS (Cleans) 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 sones pertinent to this work.

T.D. 4620' reached on 10-15-90. Conditioned hole and ran IES and CDL logs by Halliburton Logging Service. Trip in hole and conditioned mud. Laid down drill pipe. Ran 110 jts. 4-1/2" OD. 10.5#, J-55, 8 Rd ST&C casing (T.E. 4604.26') set at 4614' RKB. Circulated and waited on B.J. Cementers a total of 7 hours. Rigged up and cemented 1st stage as follows: pumped 10 bbls water followed by 250 sx 50-50 pos plus 2% gel and 1/4# celloflake per sack (total cement slurry first stage = 318 cu.ft.). Reciprocated casing O.K. while cementing. Full mud returns while cementing. First stage complete at 12:30 P.M. 10-16-90. Dropped opening bomb. Opened stage tool at 3558'. Circulated with rig pump for 2-1/2 hours. Rigged up cementers and cemented 2nd stage by pumping 10 bbls mud flush followed by 600 sacks 65-35 plus 12% gel with 1/4# cello-flake per sack followed by 50 sacks 50-50 pos plus 2% gel and 1/4# celloflake/sk (total cement slurry 2nd stage = 1391 cu.ft.). Total cement slurry used in both stages = 1709 cu.ft.). Full returns while cementing. Circulated 15 bbls cement to surface. Closed stage tool with 2500 psi - held OK. Job complete at 4:30 P.M. 10-16-90. Nippled down BOP, set 4-1/2" casing slips, and cut off 4-1/2" casing. Rig released at 6:30 P.M. 10-16-90.

hereby certify that the foregoing is true and co	rrect	
Jim L. Jacobs	TITLE Geologist	DATE
This space for Federal or State office use)		ACCEPTED FOR RECORD
APPROVED BY CONDITIONS OF APPROVAL IF ANY:	NOV 0 8 1990	
	*C   La missa de Danama Sida	FARMINGTON RESCURCE AREA

See Instructions on Keverse Side

رغمانها درا العملسطاني بمرفي العي الجادمي يأسان