Form 9-331 6 BLM, Fmn 1 N	Havajo Nation	l File		Approved. et Bureau No. 42–R1424	
UNITED STA	5. LEASE				
DEPARTMENT OF TH	HE INTERIOR		N00-C-14-20-5542		
GEOLOGICAL S			6. IF INDIAN, ALLOTTEE OR TRIBE NAME		
	B.	Navajo Allotted			
SUNDRY NOTICES AND R	EDODTS ON WEI		GREEMENT NA	AME	
		LJ		····-	
(Do not use this form for proposals to drill or to reservoir, Use Form 9-331-C for such proposals.	.)	8. FARM O	R LEASE NAM	E	
1. oil yy gas 🗂		Pacheco		-	
well gas other		9. WELL N	0.		
2. NAME OF OPERATOR			· ·		
Dugan Production Cor	p	10. FIELD O	R WILDCAT N	AME	
3. ADDRESS OF OPERATOR		น CU <del>ndes i</del>	<del>gnate</del> d Ga	llup	
P O Box 208, Farming	ton, NM 87499			LK. AND SURVEY OR	
4. LOCATION OF WELL (REPORT LOCA	ATION CLEARLY. See spa	ace 17 AREA		_	
below.)		Sec. 13	, T24N, R		
AT SURFACE.	1030 FEL		Y OR PARISH		
AT TOP PROD. INTERVAL: AT TOTAL DEPTH:		San Juar	<u>_</u>	NM	
		14. API NO.			
16. CHECK APPROPRIATE BOX TO INC	DICATE NATURE OF NO			·	
REPORT, OR OTHER DATA		6635' (	ions (show GL; 6647'	DF, KDB, AND WD) RKB	
REQUEST FOR APPROVAL TO: S	SUBSEQUENT REPORT (	OF:			
TEST WATER SHUT-OFF	H RE	CEIVE	U		
FRACTURE TREAT	닐				
SHOOT OR ACIDIZE L	H '	MAY 22 1984 (NOTE: Red)	ort results of mu	Itiple completion or zone	
PULL OR ALTER CASING	$\overline{\Box}$	chan	ide en Form 9-3	30.)	
MULTIPLE COMPLETE	GUREAU FARMING	GEON PESOURCE A	REA	:	
CHANGE ZONES					
ABANDON*					
(other)	XX TD; $4\frac{1}{2}$ "	casing and cem	ent		
17. DESCRIBE PROPOSED OR COMPLET including estimated date of starting measured and true vertical depths fo See attached for detail	any proposed work. If w r all markers and zones p	rell is directionally dril pertinent to this work.)	lled, give subs ,*	give pertinent dates, surface locations and	
				·	
			14 to	an Anglada	
			J 11 J	NW P Chaga	
			_	and the same of th	
			Ole		
			_	DIST. 1	
Subsurface Safety Valva: Manu. and Type			Set @	D Ft.	
18. I hereby certify that the foregoing is tr	rue and correct				
25. Thereby formy that the foregoing is the	- Goologia	r+	5 21 0 <i>1</i>		
SIGNED Jim K. Jacobs	TITLE Geologis	DATE	J-21-84	CCEPTED FOR RECORD	
JIII E. Jacobs	(This space for Federal or S		· //	COLLIED TOW WEOUND	
				HIN 0 0 100 1	
APPROVED BYCONDITIONS OF APPROVAL, IF ANY:	TITLE	DATE _		JUN_0 6 1984	
	NMOCG,			ARMINGTON RESOURCE AREA	
	- 1				

DUGAN PRODUCTION CORP. Pacheco #1

5-16-84 Reached TD of 5595' RKB.

5-17-84 Ran IES and CDL logs by Welex. T.I.H. and conditioned mud. Laid down drill pipe and collars. Rigged up and ran 140 jts.  $4\frac{1}{2}$ " 0.D., 10.5#, K-55, 8 Rd, ST&C, E.R.W. casing. T.E. 5604.89' set at 5595' RKB. 1st stage cemented as follows: Pumped 10 bbls. mud flush. Cemented with 290 sx. 50-50 pos plus 2% gel and  $\frac{1}{4}$ # flocele per sk. (<u>Total cement slurry first stage = 368 cf</u>) Good circulation throughout job. Reciprocated casing OK while cementing. Bumped plug w/ 1500 psi. Float held OK. Dropped opening bomb. Opened stage tool at 4355'. Circulated with rig pump 2½ hrs. Cemented 2nd stage as follows: Pumped 10 bbls. mud flush followed by 690 sx 65-35 plus 12% gel and 4# flocele per sk followed by 175 sx 50-50 pos plus 2% gel & ‡# flocele per sk. (Total cement slurry 2nd stage = 1754 cf) Good circulation throughout job. Circulated 3 bbls. mud flush. (Estimated cement top at 160' from surface based on 3 bbls. out of 10 mud flush recovered). Closed stage tool with 2500 psi. Held OK. Job complete at 4:15 a.m. 5-17-84. Nippled down BOP, set  $4\frac{1}{2}$ " casing slips. Cut off casing and released rig at 6:00 a.m. 5-17-84.