(Farmington) 1-McH	ugh l-Tenneco l-Fi	lle	
DEPARTMI	NITED STATES ENT OF THE INTERIO	SUBMIT IN TRIPLICATE• (Other instructions on reverse side)	Form approved. Budget Bureau No. 42-R1424. 5. LEASE DESIGNATION AND SERIAL NO.
GE	OLOGICAL SURVEY		NM 12030 6. IF INDIAN, ALLOTTEE OR TRIBE NAME
SUNDRY NOTIC (Do not use this form for proposal Use "APPLICAT.	ES AND REPORTS Of to drill or to deepen or plug bation FOR PERMIT—" for such pro-	N WELLS uck to a different reservoir. uposals.)	G. IF INDIAN, ADDITION ON TRIBE SAME
1. OIL GAS X OTHER			7. UNIT AGREEMENT NAME
2. NAME OF OPERATOR			8. FARM OR LEASE NAME
Jerome P. McH	ugh		Nassau 9. Well No.
	ington, NM 87401		
4. LOCATION OF WELL (Report location clear See also space 17 below.)	arly and in accordance with any S	State requirements.*	10. FIELD AND POOL, OR WILDCAT
At surface	' FNL - 1850' FWL		Undesignated - PC
	•		SURVEY OR AREA:
			Sec 36, 1727N, R12W
14. PERMIT NO.	15. ELEVATIONS (Show whether DF,	RT, GR, etc.)	12. COUNTY OF PARISH 13. STATE
	5977'	GR	San Juan NM
16. Check App	ropriate Box To Indicate No	ature of Notice, Report, or (Other Data 등등을 등 기를 들었다.
NOTICE OF INTENT	ON TO:	\$UBSEQ.	UENT REPORT OF THE STREET
TEST WATER SHUT-OFF PU	LL OR ALTER CASING	WATER SHUT-OFF	REPAIRING WELL
FRACTURE TREAT	ULTIPLE COMPLETE	FRACTURE TREATMENT	ALTERING CASING
	ANDON*	SHOOTING OR ACIDIZING	Completion X
REPAIR WELL CH	IANGE PLANS	(Other)	of multiple completion on Well letion Report and Log form.)
	(OVE	MAY 2	
18. I hereby certify that the foregoing is	true and correct		
SIGNED Thomas A. Duga		Petroleum Engineer	ратв 4-27-77
(This space for Federal or State office	; use;		
APPROVED BY	TITLE	*	DATE

Jerome P. McHugh Nassau #8 Page 2

DAILY REPORT

4-13-77 PBTD 1478'. Moved in and rigged up Farmington Well Service swabbing unit. Blue Jet ran gamma-ray correlation and collar logs. Swabbed 2-7/8" csg down to 1100'. Perf w/l 2-1/8" glass jet/ft 1437-1442' (5 holes). Swabbed csg down (no indication of gas or fluid entry). Perf w/l 2-1/8" glass jet/ft 1374-1378' (4 holes). Well making est 25 MCFGPD after this perf run. Perf w/l 2-1/8" glass jet/ft 1360-1364' (4 holes). Gas increased to est 50 MCFGPD. Ran swab (no indication of fluid entry). Rigged down swabbing unit and moved off location.

SHUT-IN

- 4-21-77

 Allied Services treated well w/250 gals 15% reg HCl acid. BD press 750 psi, broke back to 400 psi. Treated @ 1-1/2 BPM w/avg TP of 300 psi. Dropped 10 rubber balls (no ball action). Moved in Farmington Well Service swabbing unit and swabbed acid back.
- Swabbed well down, fluid level 800'. Ran 44 jts 1-1/4" OD 2.4# V-55 10R EUE new tbg. TE 1440.66' set @ 1437' GR. Has cross pin on btm for swab stop. Well gassing while going in hole. Landed tbg and hooked up wellhead valves. Rigged up 1-1/4" swab and ran 3 times. Well kicked off, flowed to atmosphere 2 hrs, making est 100 MCFGPD. Shut well in. Rigged down Farmington Well Service swabbing unit.

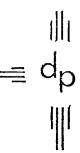
SHUT-IN FOR INITIAL POTENTIAL TEST

NEW MEXICO OIL CONSERVATION COMMSSION MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Type Test							est Date									
X Initial Annual Special					5-2-7	7										
Company Connection																
Jerome P. McHugh										İ						
Pool Formation						Unit										
Ur	designa	ated E	ruit	land - P	C		Fr	uitland	d - Pict	ıre	d Clif:	fs				
						levation Farm or Lease Name										
	4-22-	77	1512' 1			14	178' 5977' GR			Nassau						
Csg.	Size	Wt.		,d	Set At Perforations:			ns:				Well No.				
2-	-7/8"	6.5	5#		1505' From 1360' To 1442'					8						
		6.5# 15051 From 1360' To 1442' 8 Wt. d Set At Perforations: Unit Sec. Twp.							Rge.							
1-1/4" 2.4# 1437' From Open End To								F	36	27N	12W					
Type				-G.G. or G.	O. M	ultiple			Packer Set	\1			County			
		Single										San Juan				
Frod	ucing Thru		Reserv	oir Temp. F		Mean An	nual	ual Temp. °F Baro. Press Pa			State					
				ē.									New Mexico			
	Ļ	н		Gg		% CO 2		% N 2	% }	128	Pr	ovet	Meter	Run	Tops	1
L				.62		<u> </u>					L	· · · · · · · ·		· · · · · · · · · · · · · · · · · · ·	<u> </u>	
			Fl	LOW DATA	<u> </u>				TUBING DATA C				ASING DATA Duration			
20.	Frover Line	x	Orifice	;		Diff.		Temp.	Press.		Temp.	Pre		Temp.		of Flow
	Size		Size	p.s.l.g.		hw		•F	p.s.i.q.		°F p.s.			•F	_ _	
SI				J					120			31	.0		$-\frac{7}{1}$	days
1.				<u> </u>	-							 				
2.				<u> </u>	_							 	F-			
3.	5/8"	Pos C	noke		_ _			60°	2			1	5		13	hrs
4.												 				
5.								<u> </u>	<u> </u>		L	1		L		
						RAT	E 0	F FLOW	CALCULA							
	Coeffi	cient			-	Pres	eure	j	w Temp.		Gravity	i i	Super	F	late of	Flow
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1					—											
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5.		- - - - - - - - - - 	٠			·	~		drocarbon Ra							Mc[/bbl.
NO.	$P_{\mathbf{r}}$	Tem	p. °R	Τŧ		Z			of Liquid Hy							Deg.
1.									ty Separator C					X X :	(XX)	xxxx
2.									-				X			
3.							Specific Gravity Flowing Fluid XXXXX Critical Pressure						_ P.S.I.A.			
4.									R							
5.																
Pc	322	F _c ²	103	,684				p 2	<u> </u>	Ω-	707	F	P. 2	7,.85	. ,	0022
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2								,	_ ~	i						
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5																
.85																
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Hemarks:																
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OIL CONSERVATION COMMISSION ON DISTRICT

		/ -	
OIL CONSERVATION COMMISSION	DATE	6-2-77	
BOX 2088	•		
SANTA FE, NEW MEXICO	RE:		
•		Proposed DHC	····
0 1 200		Proposed NSL	
Carl Thong		Proposed SWD	
		Proposed WFX	
V		Proposed PMX	
		•	
Gentlemen:			
I have examined the applicate for the some of Mathematical Operator	/_	1-77	
I have examined the applicat:	ion dated	/	124
1 Danch	Done #8	F.31-27	N-\$54
for the serome f. Ill'afflugh	Table and Mall No	Unit S=T=R	
Operator	Lease and well no.	onit, bit k	
and my recommendations are as fol:	lows:		
assaul			
			
			
		_	
	Your	s very truly,	
•	•		



dugan production corp.

June 1, 1977

Joe D. Ramey Secretary-Director New Mexico Oil Conservation Commission Box 2088 Santa Fe, NM 87501

Dear Mr. Ramey:

Under the provisions of NMOCC Order R-5359 we are requesting administrative approval for downhole commingling of Fruitland and Pictured Cliffs production on the well listed below for the following reasons:

Operator	Well Name and Number	Location			
Jerome P. McHugh	Nassau #8	F 36-T27N-R12W			

- 1. The bottom-hole pressure is estimated to be
 - psig for the Fruitland formation, and psig for the Pictured Cliffs formation.
- 2. Both zones will be marginal producers with
 - 75 MCFGPD estimated for the Fruitland formation, and MCFGPD estimated for the Pictured Cliffs formation.

We believe the granting of this request will permit the production of marginal reserves from both formations and not result in waste.

Sincerely,

Original signed by Jim L. Jacobs Jim L. Jacobs

cb

xc: NMOCC (Aztec)

