Form 9-331 (May 1963)	UNITED STA	TES	SUBMIT IN TRIPLICA (Other instructions on verse side)		au Nó. 42-R1424.		
GEOLOGICAL SURVEY				Contract No	Contract No. 183		
	NDRY NOTICES AND R		I WELLS	6. IF INDIAN, ALLOTTE	E OR TRIBE NAME		
(Do not use thi	s form for proposals to drill or to d Use "APPLICATION FOR PERMI	Jicarilla A	Jicarilla Apache 7. UNIT AGREEMENT NAME				
OIL GAS WELL WELL	OTHER						
2. NAME OF OPERATOR			Roy Allen	8. FARM OR LEASE NA			
	NATURAL CORPORATION	Chacon Jica	Chacon Jicarilla "D"  9. WELL NO.				
3. ADDRESS OF OPERAT		Texas 79	760	19			
4. LOCATION OF WELL	(Report location clearly and in accord	dance with any Sta	te requirements	10. FIELD AND POOL, C			
See also space 17 b At surface	elow.)		FEECEN	Chacon Dakota	Associated Poo		
790 <b>'</b>	FNL, 990, FEL		1	Section 27-T	A		
			SET SE	\N.M.P.			
14. PERMIT NO.	15. ELEVATIONS (	Show whether DF, RT	GR, etc.)	12. COUNTY OR PARIS	H 13. STATE		
14. PERMIT NO.	<b>{</b>	7395'DF, 73	96'RB U. S. GEOCOGO	Sandoval	N.M.		
10	Check Appropriate Box 1						
16.		o malcale rai		BSEQUENT REPORT OF:			
	NOTICE OF INTENTION TO:			REPAIRING	WELL		
TEST WATER SHUT	PULL OR ALTER CAS	c 1 -	WATER SHUT-OFF  C. FRACTURE TREATMENT	X ALTERING			
FRACTURE TREAT SHOOT OR ACIDIZE	ABANDON*		SHOOTING OR ACIDIZING		ENT*		
REPAIR WELL	CHANGE PLANS		(Other)	esults of multiple completion	on Well		
(04) 1	OR COMPLETED OPERATIONS (Clearly 8		Completion or Re	completion Report and Log 1	Orm.)		
	SEE AT	TACHED FRAC	TURE TREATMENTS				
				(32) 7.9 (91 CON C	1900 1900		
18. I hereby contify the	A NATURAL CORPORATION Hat No. 1 (1985)	Pre	sident, Walsh En roduction Corpor	ngineering cation DATE Sept	ember 5, 1980		
Ewo.	11 N. Walsh, P.E. Pederal or State office use)						
	CEPTED FOR BEFORD	TITLE		DATE			
CONDITIONS, OF	SEP 1 1 1980						
	EARMINGTON DISTRICT		on Reverse Side				
BY	<u> </u>	MINOU	J				

MINGCC

## FRACTURE TREATMENT

Formation Dakota "B" Stage	No1	<del></del>	Date September			
Operator Odessa Natural Corp	oration	Lease an		Jicarilla 19		
Correlation Log	Type GR-CL	Fro	m <u>5900</u>	To 7508		
Temporary Bridge Plug	Type None		Set A	.t		
Perforations	7365' - 7	'386 <b>'</b>				
	l Per f	oot type 3-	1/2" Glass Strip	Jet		
Pad	7000 FR-20 per 10 1000 gallons	00 gallons.	Additives <u>1 %</u> 1 gallon Fr	Kcl. 2lbs ac Flo per		
Water	36,000 gallons. Additives 1 % Kcl. 2 lbs FR-20 per 1000 gallons. 15 lbs. Adomite per 1000 gallons.					
Sand	31,500	_ lbs. Siz	e 20-40			
Flush	FR-20 & ga	llon Frac F	Additives <u>1%</u> lo per 1000 g	allons.		
•		-				
Breakdown	3040ps	ig				
Ave. Treating Pressure	3400ps	ig				
Max. Treating Pressure	3510 ps	ig		-		
Ave. Injecton Rate	25.0 BP	M				
Hydraulic Horsepower	<u>1388</u> HH	P				
Instantaneous SIP	2800 ps	ig				
5 Minute SIP	ps	ig				
10 Minute SIP	1850 ps	ig				
15 Minute SIP	1800 _ps	ig				
Ball Drops:	None Ba	lls at	gallons_			
	Ba	lls at	gallons_			
	Ва	lle at	gallons_	incre		
·			garrons_	incre		
Remarks:		•				
Walsh engineering a pi						
· · · · · · · · · · · · · · · · · · ·		vval	311 ENGINEERING & F	RODUCTION CORP.		

عاملات فالمستناف المستناف المستاف المستناف المستناف المستناف المستاف المستاف المستناف المستنا Date 9-3-80 \_ Formation Dakota "A" Stage No. 2 Operator Odessa Natural Corporation Lease and Well Chacon Jicarilla "D" No. 19 Type None From To\_ Correlation Log Type Haliburton Speed & Line Set At 7330' Temporary Bridge Plug Perforations 7252' - 7295' 1 Per foot type 3-1/2" Glass Strip Jet gallons. Additives 1 % Kcl. 2 lbs 10,000 Pad FR-20 per 1000 gallons. 1 gallon Frac Flo per 1000 gallons. 15 lbs. Adomite per 1000 gallons. 80.000 gallons. Additives 1 % Kcl. 2 lbs Water FR-20 per 1000 gallons. 15 lbs. Adomite per 1000 gallons. 80,000 lbs. Size 20-40 Sand 4,900 gallons. Additives 1% Kcl. 2 lbs Flush per 1000 gallons. FR-20 Breakdown psig 2,800 3000 Ave. Treating Pressure psig Max. Treating Pressure 3200 psig Ave. Injecton Rate 40.1 BPMHydraulic Horsepower 2941 HHP Instantaneous SIP 2200 psig 5 Minute SIP 1700 psig 10 Minute SIP 1610 psig 15 Minute SIP 1400 psig Balls at gallons psig Ball Drops: None incre Balls at gallons psiq incre Balls at gallons psiq incre

Remarks: Pressure test bridge plug with 4000 psig. Test OK

Walsh engineering a production corp.