Form 9-331 C (May 1463)	רואט	ED JIATES		Other instru reverse	uctions on	* Form approved Budget Bureau	ł. No. 42-R1425.
	5. LEASE DESIGNATION AND SEBIAL NO.						
GEOLOGICAL SURVEY							
						NM-0145685 6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
APPLICATIO	ON FOR PERMIT	O DRILL, I	DEEPEN	, OR PLUG	BACK	0. IF INDIAN, ALLOTTEE	OR TRIBE NAME
1a. TYPE OF WORK			ריס		- F-M	7. UNIT AGREEMENT NA	
b. TYPE OF WELL		DEEPEN	<u> </u>	PLUG BA	(K) []]]	I. UMIT AGREEMENT NA	ME
oir LA	GAS		SING	ANTE In But		8. FABM OR LEASE NAM	
						Horton Federal	
2. NAME OF OPERATOR 1 1979 Horton Federal Amoco Production Company NOV 1 1979 3. ADDRESS OF OPERATOR NOV 1 P. O. Box 68, Hobbs, NM 88240 GEOLOGICAL SURVEX 1 4. LOCATION OF WELL (Report location clearly and in accordance with any State Equiffermants, NEW MEXIC 1 At surface 330' FNL & 330' FWL, Sec. 30 (Unit D, NM/4 NW/4) Milnesand San Andre 11. BEC., T., B., M., OE BLE. AND SURVEY OF AREA 30-8-35							
	0 U-55- NM 000	10		FOL OGI	CALSUC		
4. LOCATION OF WELL	10. FIELD AND FOOL, OR WILDCAT						
At surface 33	Milnesand San Andres						
		,	(,,, .,	,	AND SURVEY OR ARE	LK. A
At proposed prod.	zone					30-8-35	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*							
						12. COUNTY OR PARISH	13. STATE
<u>4 miles west and 3 miles south Milnesand, NM</u>						Roosevelt	NM
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST						OF ACRES ASSIGNED THIS WELL	
PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any)						40	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.			19. PROPOSED DEPTH 20. 4741 '		20. ROTAL	20. ROTARY OR CABLE TOOLS	
21. ELEVATIONS (Show	whether DF, RT, GR, etc.)					22. APPROX. DATE WOR	K WILL START*
4233 RDB						11-5-79	
23.	Р	ROPOSED CASIN	IG AND CI	EMENTING PROGR.	АМ		
SIZE OF HOLE SIZE OF CASING WEIGHT PER		WEIGHT PER FO	DOT SETTING DEPTH		QUANTITY OF CEMENT		
	B	xisting Cas	sing Wi	11 Not Be Al	tered		
	1				1		

Propose to deepen well to 4741' in order to expose pay and improve sweep efficiency by the following procedure:

Drill to 4741'. Log well. Perforate 4682'-4688' with 2 JSPF. Evaluate 4688'-4692' for additional porosity from log and perforate additional pay. Run treating packer, tubing, and tailpipe. Tailpipe at 4690'. Acidize with 3000 gal 15% LSTNE/FE acid and 250# mothballs in 200 gal 30#/gal gelled brine. Flush with 25 bbl lease crude. Pull treating packer. Swab backload and return to production.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

SIGNED_BOU Davis	TITLE Assistant Admin. An	alyst10-29-79
(This space for Federal or State office use)		
PERMIT NG.	APPROVAL DATE	
APPROVED BY		APPROVED
CONDITIONS OF APPROVAL, IF ANY :		DATE 1979
0+4 USGS-H, 1-Hou, 1-Susp,	1-BD	ALL ALL
	ACTING DISTRICT ENGINEER	



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