FOr M 3160-3 (December 1990)		ATES ART	Oil Cons. Di SUBMIT IN TRIPLICA' STI S (Other instructions on SUA, NM 50210-2004)	50-015- Form approved. Budget Bureau No. 10 Expires December 31,	04-0136 CISF
D	EPARTMENT OF T BUREAU OF LAND M	HE INTERIOR	650	5. LEASE DESIGNATION AND SERIA NM 33277	
APPLICATIO	N FOR PERMIT TO E	RILL, DEEPEN	, OR PLUG BACK	6. IF INDIAN, ALLOTTEE OR TRIBE	NAME 52
1a. TYPE OF WORK 1b. TYPE OF WELL		N []		7. UNIT AGREEMENT NAME Derrick Federal	Com.
	GAS WELL OTH	ER SINGLE ZONE	MULTIPLE ZONE	III Downiah F.J. 1	Com.
2. NAME OF OPERATOR Ocean Energy, In 3. ADDRESS OF OPERATOR	c. 16935	6		9. WELL NO. 5 10. FIELD AND POOL OR WILDCAT	
	te 1600, Houston, TX		Diamond Morrow		
At Surface -2000 At proposed Prod. Zon S	C.SN	. 5, T16S, R28E U.P.	ents.*)	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 5, T16S, R2	8E
	DIRECTION FROM NEAREST TOWN Colles northeast of Artesia	1 * • • #	DCD - ARTESIA	12. COUNTY OR PARISH Eddy County	13. STATE NM
	SED* LOCATION TO NEAREST PROPER to nearest drlg. unit line, if any) 50	NO. OF ACRES ASSIGNED TO THIS W			
DRILLING, COMPLETED, 28	SED LOCATION* TO NEAREST WELL, OR APPLIED FOR ON THIS LEASE, FT. 850' Southeast of #3 well	19. PROPOSED DEPTH	221202618141915	20. ROTARY OR CABLE TOOLS Rotary	
21. ELEVATIONS (Show wheth GR 30		22. APPROX. DATE WORK WILL START* April 15, 2001			
23.	PROPOSED CAS	ING AND CEMENTI	NG PROGRAM	· · · · · · · · · · · · · · · · · · ·	
SIZE OF HOLE	SIZE OF CASING	WEIGHT/FOOT	SETTING DEPTH	QUANTITY OF CEM	
17-1/2"	13-3/8"	48	500'	ready-mix to surj 400 sx	tace
11" 7-7/8"	8-5/8" 4-1/2"	32 13.5	2000' 9250'	600 sx 500 sx	

- Drill 36" hole to 40'. Set 40' of 20" conductor & cement to surface with ready-mix.
  Drill 17-1/2" hole to 500'. Run & set 500' of 13-3/8" H-40, 48# ST&C csg, cmt w/400 sx Cl C cement + 2% CaCl2 circulate to surface.
- Drill 11" hole to 2000'. Run & set 2000' of 8-5/8" K-55, 32# LT&C csg. Cmt w/600 sx 35/65 POZ Cl C + 6% gel + 5% salt, tail in w/400 sx Cl C cmt + 2% CaCl2, circ to surface.
  Drill 7-7/8" hole to 9250'. If logs indicate commercial production, run & set 9250' of 4-1/2" 13.5# LT&C csg. Cement w/500 sx Class C 35/65 POZ w/additives, tail in with 190 sx 50/50 POZ Class H + 10% salt + .25 dispersan + 2% gel. Estimated top of cement 500' above uppermost productive interval. Cement volumes will be adjusted based on open hole caliper log.

## **APPROVAL SUBJECT TO** GENERAL REQUIREMENTS AND SPECIAL STIPULATIONS ATTACHED

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 Altrie McMillon	TITLE <u>Regulatory Specialist</u> DAT	ЕЗ/2/01
(This space for Federal or State office use)		
PERMIT NO APP	PROVAL DATE	
Application approval does not warrant or certify that the applicant holds legal or equita	able title to those rights in the subject lease which would entitle the ar	oplicant to conduct operations thereon.
CONDITIONS OF APPROVAL, IF ANY: APPROVED BY /S/ LESLIE A. THEISS		E MAY 3 1 2001
*Cas las	structions On Reverse Side	

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.