Form 9-331 C (May 1963)

SUBMIT IN TRIFLICATE*

Form approved.
Budget Bureau No. 42-R1425.

UNITED STATES (Other instructions on reverse side)

DEPARTMENT OF THE INTERIOR

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK						5. LEASE DESIGNATION	AND SERIAL NO.
						LC-06749(a) 0(2) 149 (
APPLICATION	N FOR PERMIT	O DRILL, I	DEEPE	N, OR PLUG	BACK	6. IF INDIAN, ALLOTTER	OR THESE NAME
a. TYPE OF WORK	u. [▼	D.E.D.E. 1					
DKI b. Type of Well		DEEPEN [ل	PLUG BA	'CK □	7. UNIT AGREEMENT N.	AME
OIL T	AS OTHER			NGLE MULTI	PLE [8. FARM OR LEASE NAM	·
NAME OF OPERATOR	ELL OTHER		<u>Z</u> 0	NE ZONE		-	
Highland Pro	duction Company					Conoco "D" F	ederal
ADDRESS OF OPERATOR	duction company					- WELL NO.	
810 N. Dixie	10. FIELD AND POOL, OR WILDCAT						
LOCATION OF WELL (R	eport location clearly and	in accordance wit	th any S	tate requirements.*)		-	
1650' FEL and		course of				North Mason	(Delaware)
At proposed prod. zon		Section 18, T-26-S,					
						R-32-E, NMPM	
1650' FFL and 2310' FSL. 4. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE.						12. COUNTY OR PARISH	
21 Miles SW of	f Jal, New Mexic	20				Lea	
LOCATION TO NEAREST	r -		16. No.	OF ACRES IN LEASE	17. NO.	OF ACRES ASSIGNED	<u>New Mexic</u> o
PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)			40			TO THIS WELL 40	
S. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED.							
OR APPLIED FOR, ON THIS LEASE, FT. None				4550'	1	cable tool to total depth.	
ELEVATIONS (Show whe		1 3.13		22. APPROX. DATE WORK WILL START*			
3205.0 GR						May 15, 199	\circ
	P	ROPOSED CASIN	NG AND	CEMENTING PROGR	AM	1 1109 199 199	
SIZE OF HOLE	SIZE OF CASING						
.2 1/2"	8 5/8"	24 #		SETTING DEPTH	-	QUANTITY OF CEMENT	
7 7/8"	5 1/2"	24 # 15.5 #			_ 200_SI	cs. Class C - <u>C</u>	<u>irculate</u> _
	<u> </u>	1 J. J _ it		4550 <u>'</u>	_ 1200_3	Sks. HLC w/Clas	s C- <u>Circ</u> ula
closing hy Testing wi Proposed c Estimate w Estimate w Logging Pr No coring No abnorma Anticipate	3,000'; Lamar L ontrol equipmen dril on top tes 11 be on instal irculating medi ill encounter will encounter o ogram: Acousti or drill stem to 1 pressures or d starting date PROPOSED PROGRAM: If p Irill or deeper directional	t: Double ted to 3,00 lation, dai um: 0 - 1,1 ater from 8 il at 4,370 c velocity esting. temperature is May 15,	hydra 00 PS ily ar 100' S 390' t)'. gamma 1990	aulic pressure I. Pressure c and on trips. Spud Mud; 1,1 to 950'. I ray caliper e expected to 10.	tested ontrol 00 - 4, log: Fo	to 3,000 PSI, diagram is atta 500' Brine Wate Roxo guard log.	er.
/ / /	7						
1/ \	V. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.		מ	resident		4 14	96 1000
Marvin I	Smith	TIT	LEP	resident		DATE April	<u> 46, 1990</u>
(This space for Feder	al or State office use)						
PERMIT NO.				APPROVAL DATE			
APPROVED BY	* • *	TIT	I.E	f		DATE 5/6	0-90
CONDITIONS OF APPROV	AL, IE ANY:					VAIB	
3	171 \$1)	-					
u. u.		1. 74 = 3 f. 3					
S/1	COLL STIPULATIONS						
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STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT

1370 1464 1980 2310

OIL CONSERVATION DIV P. O. DOX 2088 SANTA FE, NEW MEXICO 87501

Form C-103 Revised 10-1-73

All distances must be from the outer houndaries of the Section. Well No. Highland Production Company Conoco, Federal **-**3-1 Unit Letter Section Township J 18 26 South 32 East Lea Actual Footage Location of Well: 2310 feet from the South line and <u> 1650</u> frot from the East Ground Level Elev. Producting Formation Dedicated Acreage: 3205.0 Delaware North Mason Acres 1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below. 2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty). 3. If more than one lense of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc? If answer is "yes," type of consolidation _ Yes If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.)_ No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Division CERTIFICATION I hereby certify that the Information con-None Marvin<u>L.</u> Smith Position President Company Highland Production Company April 26, 1990 1650-I hereby certify that the well location shown on this plat was platted from field notes of actual surveys made by me or under my supervision, and that the same Eo~oco ٥ کورموس Is true and correct to the best of my knowledge and belief. 4-19-1990 Registered Professional Engineer Truman Gaskin Certificate No. 2126

Shaffer Type E Series 900 Hydraulic B.O.P.

3000 PSI WORKING PRESSURE PLOWOUT PREVENTER HOOK-UP

Series 900 Flanges, or Benefic

rate: B.O.P system will meet the conditions of drilling approval required by the USGS District Office in Hobbs, New Mexico.

Application to Drill Conoco "D" Federal Well No. 1 Highland Production Company Flow line will have to be made

ASE ROTARY TABLE

Application to Drill Conoco "D" Federal Well No. 1 Highland Production Company

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MAY 14 1990

OCD Hosss Office