STATE OF NEW MEXICO EVERGY A.D MINERALS DEPARTMENT OISTRIBUTION SANTA FE FILE U.S.G.S. LAND OFFICE OPERATOR	OIL CONSER / AT P. O. BOX SANTA FE, NEW			Form C-101 R. J. ed. 10-5-78 SA. Indicate Type of Leuse •TATE
APPLICATION FOR PE	RMIT TO DRILL, DEEPEN	, OR PLUG BACK		
1a. Type of Work				7. Unit Agreement Name
DRILL X	DEEPEN			8. Farm or Lease Name Mesa State Com
OIL GAS WELL WELL OTHE 2. Name of Operator	۲		ZONE	9. Well No.
Mesa Petroleum Co.				3
P. O. Box 2009, Amarill	o, Texas 7º189		x Und.	Diamond Mound-Atoka- Morrow
	LOCATED 1980		LINE	
AND 660 PEET FROM THE WEST	LINE OF SEC. 31	TWP. 155 RGE.	28E NMPM	
				12. County Chaves
		19. Froposed Depth 9370 <sup>1</sup>	194. Formation Morrow	
21. Elevations (Show whether DF, RT, etc.) 3621 'GR	21A. Kind & Status Plug. Bond Blanket	21B. Drilling Contractor To be Determi		22. Approx. Date Work will start 3-20-85
23.	PROPOSED CASING A	ND CEMENT PROGRAM		

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17 1/2"	13 3/8"	48#	1000'	840	surface
1214 14	8 5/8"	28#	1850'	650	<del>200</del> ' circ.
7 7/8"	4 1/2"	11.6 & 13.5	9370'	1455	1200'
1 1 10	7 1/2	11.0010.0	5377	1455	1

Propose to drill a 17 1/2" hole with fresh water to 1000' and set 13 3/8" surface casing and circulate cement to surface. Will reduce hole to 11", install 3000 psi casinghead and double BOP and drill to 1850' to set 8 5/8" casing and cement hack to surface casing. Will reduce hole to 7 7/8" and drill to TD.

XC: NHOCD (0+6) CR, Reg., NF, Midland, Hobbs

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE 20 Five 20KE, give blowout preventer program, if any.

FOR TWAL WALLE FOR <u>(C)</u> DAYS Related Expenses <u>9-72 R-5</u> Lines Drilling Underway

	(This space for State Use)	OIL AND GAS INSPECTOR	DATE_	MAR 12 1985	
Signed_	Randy Montanen	TileRandy Nordsven, Regulatory Agent	Date	3-8-85	
hereby	certify that the information above is true and com	plete to the best of my knowledge and bellef.			

CONDITIONS OF APPROVAL, IF ANY

## NEW MEXICO UTE CONSERVATION COMMISSION W' LOCATION AND ACREAGE DEDICAT PLAT

Supersedes C-128 Effective 1-1-65

MESA PETROLEUM CORP.     MESA STATE COMM     3       In Letter     Section     Township     15 S     Centry		AII	distances must be from	n the outer bounds	ries of the Section	m.	
UI Letter       Section       31       Township       15 S       Manyu       Coanty       CHAVES         1980       treat theoring: Location and SOUTH       tens and       660       rest tens the       WEST       Dedicated Accessed         3621*       Morrow       Diamond Mound Atoka-Morrow       WEST       Dedicated Accessed         1. Outline the arreage dedicated to the aubject well by colored pencil of hachare marks on the plat below.       2.       If more than one lease is dedicated to the well, outline each and identify the ownership thereof (bath as to working interest and royalty).         3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?       Communitization         If answer is "not" list the owners and treat descriptions which have netually been consolidated. (Use reverse side of this form if accessary.)       In more than one lease of the well until all interests have been consolidated by communitization, unitization, antization, forced-pooling, or unterwise) or until a non-standard unit, eliminating such interests, has been approved by the Commination.         No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, unitis at a non-standard unit, eliminating such interests, has been ap	MESA	PETROLEUM CORP.	1		STATE COMM		
1980       From them that SOUTH       Line and       660       reat them that SOUTH       Destruction that SOUTH         3621*       From them Thematism       Front       Destruction that Source       Access         3621*       Morrow       Morrow       Destruction that Source       Access         1. Quiline the acreage dedicated to the aubject well by colored puncil or hackner 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 lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?       Communitization       Communitization         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, force-pooling, or otherwise) or until a non-standard unit, eliminning such interests, has been approved by the Commassion and the information each and the	Init Letter	Section Town		Hange	County		
1980       test tume the       SULTH       two and       660       test tume tume       WEST       time         3621       Norrow       Diamond Mound Atoka-Morrow       Wis       320       acrea         1. Outline the acreage dedicated to the subject well by calored provid or bachare 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 lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?         X Yes       No       If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse eide of this form if accessary.)         No allowable will be assigned to the well until all interests have been consolidated. (Use reverse eide of this form if accessary.)         No allowable will be assigned to the well until all interests have been consolidated. (Use reverse eide of this form if accessary.)         No allowable will be assigned to the well until all interests have been consolidated. (Use reverse eide of this form for commission.         Mesa Et All       Image: for all proved by the Commission.         Fee       Image: for all proved by the Commission.         Bogle Falms Et All       Image: for all proved complete to the series of my how here well becellar more of complete to the indicated form of the form of there well becellar more of complete to the reverse eide of my how	L ctual l'optage Luc		15 5	28 1	- <u> </u>	CHAVES	
3621*     Morrow     Diamond Mound Atoka-Morrow     W2     320     Access       1. Outline the acreage dedicated to the subject well by colored pencil or hackure 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 lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?       IX     Yes     No     If answer is "yes," type of consolidation     Communitization.       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 Commission.       Mesa Et Al     Image: the information constanting such interests, has been approved by the Commission.       Bogle Fatms Et Al     Image: the information constanting such interests, has been approved by the Commission.       Bogle Fatms Et Al     Image: the information constanting constanting constanting such interests, in an information constanting constanting.       Bogle Fatms Et Al     Image: the information constanting constanting constanting.       If becop certify that the unit later constanting constanting.     Image: the information constanting constanting constanting.       If becop certify thet the information constanting constanting constanting. </td <td>1980</td> <td>CONTU</td> <td>line and</td> <td>660</td> <td>feet from the</td> <td>WEST</td> <td>line</td>	1980	CONTU	line and	660	feet from the	WEST	line
<ul> <li>1. Outline the acreage dedicated to the subject well by colored puncil or hackure marks on the plat below.</li> <li>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).</li> <li>3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling.etc?</li> <li>IX Yes □ No If answer is "yes," type of consolidationCommunitization</li></ul>	•				nd Atoka-M		•
interest and royalty).         3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?         Image: the second secon		t					
dated by communitization, unitization, force-pooling, etc?         IX Yes       No       If answer is "yes," type of consolidation       Communitization         If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.)       No       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, eliminnting such interests, has been approved by the Commission.         Mesa Et Al       I hereby certify that the information contained there in its tree and complete to the best of on how head ge and before.         Fee       Regulatory Clerk         Bogle Falms Et Al       I hereby certify that the information contained there in its tree and complete to the best of on how head ge and before.         Fee       I hereby certify that the information contained there in the information containe there information contained there in the inf	interest ar	nd royalty).					
this form if necessary.)	dated by c	communitization, unitiza	ition, force-poolin	g. etc?			ll owners been consoli-
Mesa Et Al       I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.         Fee       Carolyn Cummings         Name       Regulatory Clerk         Position       Mesa Petroleum Co.         Company       March 6. 1955         March 6. 1955       March 6. 1955         March 7. Ma	this form i No allowal forced-poo	f necessary.) ble will be assigned to	the well until all i	nterests have	been consolid	ated (by comm	unitization, unitization,
Fee       I hereby certify that the information com- tained herein is true and complete to the best of my knowledge and belief.         Carolyn Cummings       Name         Regulatory Clerk       Position         March 6. 1955       Nome         Bogle Farms Et Al       I hereby certify that the well location is a company         Bogle Farms Et Al       I hereby certify that the well location is crue and point in the set of my knowledge of the set of my knowledge and belief.         Fee       I hereby certify that the well location is true and point in the set of my knowledge in the set of my knowledge						Ţ I	
Bogle Fatms Et Al       I hereby certify that the well location field         Fee       I hereby certify that the well location shown on this plat was plotted from field         I hereby certify that the well location shown on this plat was plotted from field         I hereby certify that the well location shown on this plat was plotted from field         I hereby certify that the well location shown on this plat was plotted from field         I hereby certify that the well location shown on this plat was plotted from field         I hereby certify that the same is increase and by me or under my supervision, and that the same is trae for a certify that the best of my knowledge celled from field         I bepco Et Al         I G 5664         State         State		A1   				tained herei	n is true and complete to the
Bogle Fatms Et Al Hereby certify that the well location shown on this plot was plotted from field notes of actual surveys made by me or under my supervision, and that the sound is true for a the best of my know forge and bellefill Depco Et Al LG 5664 State State State			_	   		- Regulat	·
Fee Fee Fee 1 hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and opport to the best of my knowledge and by left GARY D. Depco Et Al LG 5664 State State College Budweysa OSWELL College Bud				1		Mesa Pe Company	
Fee Fee 1 hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and opport to the best of my knowledge and by left GARY D. Depco Et Al LG 5664 State State Could Streeyer CD LAN Could Streeyer CD LAN Could Streeyer CD LAN COULD AN COULD AN COUL				 		- Caroly	Curringe
<ul> <li>Fee</li> <li>antes of actual surveys made by me or under my supervision, and that the same is true and entropy the best of my knowledge and by lie!</li> <li>Depco Et Al</li> <li>LG 5664</li> <li>State</li> <li>State</li> </ul>	ьод	1		1			· · · · · ·
1980' Depto Et AT LG 5664 State State	6600	Fee				nntes of ac under my su is true and	tual surveys made by me or pervision, and that the same correct to the best of my
State	1980'			   		Dofic-Buckey	DSWELL *
Certificate No.						Jan	D LAND BOUND
0 330 660 '90 1320 1650 1980. 2310 2640 2000 1500 1000 500 0 6689			10 2640 2000	1500 100	۱	- I V	