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Den'	Form 9-331 C (May 1963)	UNITED STATES MENT OF THE INTERIOR	SUBMIT IN " LICAT (Other instrue ons on reverse side)	Fe Form approved. Budget Bureau No. 42-B1425. 30 - 005 - 60918 5. LEASE DESIGNATION AND BEBIAL NO.			
	A Clark	SEOLOGICAL SURVEY	NM 22615				
			OP PILIG BACK	6. IF INDIAN, ALLOTTEE OR TRIBE NAME			
ſč	APPLICATION FOR I	MIT TO DRILL, DEEPEN,	EECENISD				
	1a. TYPE OF WORK	DEEPEN	7. UNIT AGREEMENT NAME				
	DIL GAB WELL X	YTHEE ZONE	8. FARM OR LEASE NAME MAR 25 1981 CAMACK FEDERAL				
	2. NAME OF OPERATOR	V		9. WELL NO.			
	MESA PETROLEUM 3. ADDRESS OF OPERATOR	•	2 ARTESIA CEPICE				
	1000 VAUGHN BUI	ING/MIDLAND, TEXAS 7970	10. FIELD AND POOL, OR WILDCAT				
	4. LOCATION OF WELL (Report location	learly and in accordance with any State	UNDESIGNATED ABO				
3	At surface 1980' FSL & (I' FEL	AND SURVEY OR AREA				
	At proposed prod. zone SAME		SEC 8, T5S, R24E 12. COUNTY OF PARISH 13. STATE				
	14. DISTANCE IN MILES AND DIRECTI	FROM NEAREST TOWN OR POST OFFICE*	MENTCO	CHAVES NEW MEXICO			
	439 MILES NORTH,	IRTHEAST OF ROSWELL, NEW		O. OF ACRES ASSIGNED O THIS WELL			
	15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.	660' 1.	480	160			
	(Also to nearest drig. unit line, 18. DISTANCE FROM PROPOSED LOCAT	19. PROPOS		OTABY OR CABLE TOOLS			
	18. DISTANCE FROM PROFESSION DOCT TO NEAREST WELL, DRILLING, CO OR APPLIED FOR, ON THIS LEASE, FT	ETED , 3400' 4	200'	ROTARY			
	21. ELEVATIONS (Show whether DF, R	IR, etc.)		MAY 1, 1981			
	4067.7' GR						
	23.	PROPOSED CASING AND CL					
	SIZE OF HOLE SIZE	ASING WEIGHT PEB FOOT	SETTING DEPTH	QUANTITY OF CEMENT			
	17,1/2" 1	<u>3/8"48#</u> 5/8"24#	<u>800'</u> 1600' SU	RCULATE			
			4200' SU	FFICIENT TO COVER ALL PAY			
	7 7/8"						
	Propose to dri surface casing 1600'. Will s if not. Will total depth on casing may be and seal off a	<pre>17 1/2" hole on air or foam to 800' or deeper to set 13 3/8" Will cement to surface then reduce hole to 11" to drill to 8 5/8" casing if water zones have been encountered or omit duce hole to 7 7/8", install ram type BOP's, and drill to ir, foam, or mud as required. After log evaluation, 4 1/2" n and cemented with sufficient amounts and kinds to isolate fresh water, oil, or gas zones encountered. t Dedicated.</pre>					
	Gas Sales Are						
	XC: USGS (6),	LS, CEN RCDS, ACCTG, HOBBS, MEC, LAND, PARTNERS, FILE BOGRAM: If proposal is to deepen or plug back, give data on present productive sone and proposed new productive data on present productive sone and proposed new productive blowout					
	IN ABOVE SPACE DESCRIBE PROPOSE zone. If proposal is to drill or (preventer program, if any. 24.	en directionally, give pertinent data on					
	e e Ma	TITLE RE	EGULATORY COORDIN	ATOR FEBRUARY 24, 1981			
•	SIGNED						
	(This space for Frederic Col	fice use)					
	PERMIT Sed.) GEORGE	0111112012	PPROVAL DATE				
	APPROVED BY	31 TITLE		DATE			
	JAMES A. G DISTRICT SUP	-IAA\ /ISOR *See Instructions (On Reverse Side				

~3-5/0

MEXICO OIL CONSERVATION COMMIS: I ELL LOCATION AND ACREAGE DEDICATION PLAT

All distances must be from the outer boundaries of the Section.

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	All distances must be	from the outer bounde	ries of the Section	n.	
per dior	C	Lease			Well No.
Mesa Petroleum Co.		Camack			2
in i Letter Section	ownship	Pange	County		
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Actual Foctage Location of Well:				_	
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1980 feet from the SC Mound Level Elev. Producing Ec	tice	Prove a	•		edunatert Akireage:
		UNDESIGNA	TED	60	<u>SE/4 160 A res</u>
4007.1	d to the subject	well by colored as	ncil or hachur	e marks on the	plat below.
1. Outline the acreage dedica	t to the subject	well by colored pe			1
		Il utiline each a	nd identify the	ownership the	reof (both as to working
2. If more than one lease is	edicated to the wo	en, outrine caci a			·
interest and royalty).				~	
		. Indiantal to the	wall have the	interests of a	all owners been consoli-
3. If more than one lease of	erent ownership it	s dedicated to the	well, have the		
dated by communitization,	itization, force-poo	hing.etc?	/ · ·	i literature Alexandrea	· ,
4			× 1		
Yes No If.	wer is "yes," type	of consolidation			
				aan sonsolidat	A (1'se reverse side of
If answer is "no," list the	vners and tract de	scriptions which f	ave actually-,	in consorration γ ⊂en consorration (ed (Use reverse side of
this form if necessary.)				. 1 /1	
No allowable will be assig	to the well until :	all interests have	been consolid	ated (by comm	munitization, unitization,
forced-pooling, or otherwise	r until a non-stand	ard unit, eliminati	ing such intere	sts, has been a	approved by the Commis-
sion.					
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	i	SI SUBVES			n is true and complete to the
i	· · · · · · · · · · · · · · · · · · ·	AND COS			knowledge and belief
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			2	Prisitinn	
	N. C. C.	A NEX	2/	REGULATO	RY COORDINATOR
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				MESA PETI	ROLEUM CO.
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		ł		FEBRUARY	24, 1981
		I			
		1 1 1 1			
	-	l	-	1 hereby	certify that the well location
		1		shown on	this plat was plotted from field
	-		0 -660'-	notes of	actual surveys made by me or
		MESA	000-	under my	supervision, and that the same
	-			is true a	nd correct to the best of my
		22615		knowledge	and belief.
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APPLICATION FOR DRILLING

MESA PETROLEUM CO. CAMACK FEDERAL #2 1980' FSL & 660' FEL, SEC 8, T5S, R24E CHAVES COUNTY, NEW MEXICO

LEASE NO: NM 22615

In conjunction with Form 9-331C, Application For Permit to Drill subject well, the foll wing additional information is provided:

1. Applicab portions of the <u>GENERAL REQUIREMENTS</u> FOR <u>OIL</u> <u>AND</u> <u>GAS</u> <u>OPERATION</u> <u>ON FEDERAL LEASES</u>, Roswell District, Geological Survey of September 1, 1980 will be adhered to.

2. Geologic markers are estimated as follows:

•

OFVEN DT	20	SURFACE
SEVEN RI	<u>ع</u>	548'
SAN ANDR		1388'
GLORIETT		2988'
TUBB		3528'
ABO		4178'
HUECO		1170

- Hydrocar n bearing strata may occur in the Abo formation. No fresh water is expec d to be encountered below 800'.
- and Blowout Preventer Program will be determined by The Casi 4. hole con tions as encountered. Anticipate drilling with air ing ram type preventer and rotating head for well conor foam trol. 1 13 3/8" casing will be set at approximately 800' to y fresh water zones and cemented to the surface. The protect 8 5/8" c ing will be set at approximately 1600' if water zones have bee encountered or omitted if not and ram type preventers Sufficient amounts and kinds of cement would be installe sure any water, gas, or oil zones encountered are used to isolate and shut off down to the casing point if run. The 4 1/2" | duction casing will be set at total depth or shallower dependie upon the depth of the deepest commercial hydrocarbon bearing trata encountered.
- 5. No dril stem tests or coring program is planned. The logging program ay consist of a GR-CNL from surface to total depth and FDC fro casing point to total depth.
- Anticip ed drilling time is fifteen days with completion operations to foll as soon as a completion unit is available.

I .TI-POINT SURFACE USE AND OPERATION PLAN

MESA PETROLEUM CO. CAMACK FEDERAL #2 1980' FSL & 660' FEL, SEC 8, T5S, R24E CHAVES COUNTY, NEW MEXICO

LEASE NO: NM 22615

This plan is s mitted with the Application for Permit to Drill the above described well The purpose of this plan is to describe the location of the proposed well, he proposed construction activities and operational plan in both the actual and post drilling-completion operations.

- 1. Existing ads
 - A. Exhit : I is a portion of a highway map showing the location of the prop: ed well as staked. The proposed well is approximately 39 miles northeast of Roswell, New Mexico.
 - B. Dired ions: Travel north of Roswell on US Highway 285 for 24 miles (mar ~ 139) and turn east on county road. Travel east for 8 miles then ortheast for 3 miles and turn west onto lease road (Stancel Fed #1). Follow lease road to northwest for 2 miles to the location.

2. Planned A ess Road

A. Leng and width: The new access road will be 12' wide (16' ROW) and appr imately 3400' of new road and utilizes ROW's approved under APD' for the Stancel Federal 1 & 2, Huggins Federal #1, and the Cama Federal #1. (See USGS records for the Roswell area).

(See xhibit II for details).

- B. Cons uction: The new road will be constructed by grading and topping with compacted caliche. The surface will be crowned, with drainage on both ides. (See Exhibit III)
- C. Culv .ts, Gates and Cattleguards: One Cattleguard will be installed.
- D. Cut 1d Fill: In order for the location to be level, approximately 3' (cut from the south side will be moved to the north side for fill
- 3. Locatio of Existing Wells

Existin wells within a one-mile radius are depicted by Exhibit IV.

4. Locatio of Existing and/or Proposed Facilities

If the ll proves to be commercial, the necessary production facilities, gas sep ation-process equipment and tank battery, will be installed on the dri ing pad.

Multi-Point Sur ice Use and Operation Plan

Page 2

5. Location ¿ | Type of Water Supply

It is planed to drill the proposed well with air. If water is needed, it will be of fined from commercial sources and will be trucked to the wellsite our the existing roads and the proposed access road shown on Exhibits and II or piped in by temporary line from a nearby source.

6. Source of Instruction Materials

Caliche for surfacing the road and the wellsite pad will be obtained by the diric contractor from the Federal Government or private sources. Top soil of the location will be stockpiled near the location for or or private sources. Top soil of the location use. No surface materials will be disturbed those necessary for the actual grading and leveling of the drillsite nd access road. Probable pit is located: NE/4, Sec 22, T5S, R24E, Cha

- 7. <u>Methods o</u> <u>Handling Waste Disposal</u>
 - A. Drill uttings will be disposed of in the reserve pits.
 - B. Drill g fluids will be allowed to evaporate in the reserve pits until he pits are dry.
 - C. All p s will be fenced with normal fencing material to prevent lives ck from entering the area.
 - D. Water roduced during operations will be collected in tanks until haule to an approved disposal system, or separate disposal applicatic will be submitted to the USGS for approval.
 - E. Curre laws and regulations pertaining to the disposal of human waste uill be complied with.
 - F. Trask waste paper, garbage and junk will be buried in a separate trask wit and covered with a minimum of 24 inches of dirt. All waste material will be contained to prevent scattering by the wind.
 - G. All ish and debris will be buried or removed from the wellsite with 30 days after finished and/or completion operations.
- 8. Ancillar, acilities: None required.
- 9. Wellsite yout:
 - A. Exhi t V shows the relative location and dimensions of the well pad, eserve pits, and major rig components. The pad and pit area has en staked and flagged.
 - B. Some eveling of the wellsite will be required. See Exhibit III for ditional details.
 - C. The serve pit will be plastic lined.

Multi-Point Sui ice Use and Operation Plan

Page 3

- 10. Plans for estoration of the Surface:
 - A. After ompletion of drilling and/or completion operations all equip nt and other material not needed for operations will be remov . Pits will be filled and location cleaned of all trash and j k to leave the wellsite in an aesthetically pleasing a condi on as possible.
 - B. Any i uarded pits containing fluids will be fenced until they are f led.
 - C. If the proposed well is non-productive, all rehabilitation and/or veget ion requirements of the Bureau of Land Management and the Unite States Geological Survey will be complied with and will be a mplished as expeditiously as possible. All pits will be fille and leveled within 90 days after abandonment, if drying conditions permit.
- 1]. Other In mation:
 - A. Topo aphy: The land surface in the vicinity of the wellsite is gent sloping to the south.
 - B. Soil The topsoil at the wellsite is sandy loam.
 - C. Flor and Fauna: The vegetative cover consists of Tabosa and other prai e grasses, creosote bush, yucca, cactus, prairie flowers and othe miscellaneous desert growth. Wildlife in the area probably incl es those typical of semi-arid desert land. The area is used for graz 19.
 - D. Pond ind Streams: Camack Well is approximately 1/2 mile to the north.
 - E. Res inces and Other Structures: There are no residences or other stri jures in the vicinity of the proposed well.
 - F. Lan Jse: Grazing.
 - G. Sur :e Ownership: The wellsite is on private surface (B. M. Corn).
 - H. The is no evidence of any major archaeological, historical, or cul ral sites in the area. NMAS, Inc. has conducted an archaeological stu of this site and provides this report to interested parties.

Multi-Point Sul ice Use and Operation Plan

Page 4

12. Operator' Representatives:

A. The f ld representatives responsible for assuring compliance with the a roved surface use and operations plan are as follows:

J. Wo ten P. O. ox 1756 Hobbs New Mexico 88240 (505- 3-4425) - Office (505- 3-6033) - Home C. C. Wheeler 1000 Vaughn Building Midland, Texas 79701 (915-683-5391) - Office (915-683-6123) - Home

13. Certifica on

I hereby artify that I, or person under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the inditions which presently exist; that the statements made in this I in are, to the best of my knowledge true and correct; and, that the work isociated with the operations proposed herein will be performed by Mesa I iroleum Co. and its contractors and subcontractors in conformity with this I an and the terms and conditions under which it is approved.

> ebruary 24, 1981 Date

I P. Houston

Michael P. Houston Operations Manager



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