For: 3160-3 (November 1983) (formerly 9-331C)

UNITED STATES (Other instructions of reverse side)

SUBMIT IN TRIPLICATE* Fo

(Other instructions on reverse side)

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Form approved.
Budget Bureau No. 1004-0136
Expires August 31, 1005

(formerly 9-331C)		NT OF THE INT	ERIOR	side)	Expires August 31, 1985 5. LEASE DESIGNATION AND SERIAL NO.
	BUREAU O	OF LAND MANAGEMENT MENUED			NM-01355
APPLICATIO			EPEN, OR PLUG	BACK	6. IF INDIAN, ALLOTTER OR TRIBE NAME
1a. TYPE OF WORK	RILL 🗵		FEB 27 PPLUGGA		7. UNIT AGREEMENT NAME
OIL O	VELL STHER	ن د خو د د	SOUTH CONTROL SOND		8. FARM OR LEASH NAME
2. NAME OF OPERATOR					North Lindrith 16
Mesa Grande Resources, Inc.					9. WELL NO.
8. ADDRESS OF OPERATOR		4			
1200 Pl 4. LOCATION OF WELL (B	niltower Buil	10. FIELD AND POOL, OR WILDCAT			
		Wildcat Chacra/Wildcat			
1650)' FNL & 165(11. SEC., T., R., M., OR BLE. Mesa Verd			
	as SURFACE	F, 16-25N-2W, NMPM			
14. DISTANCE IN MILES AND DIRECTION FROM MEAREST TOWN OR POST OFFICE®					12. COUNTY OR PARISH! 18. STATE
8 miles north of Lindrith, New Mexico					Rio Arriba New Mexico
10. DISTANCE FROM PROPUSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig, unit line, if any)		990'	NO. OF ACRES IN LEASE	17. NO. OF ACRES ASSIGNED TO THIS WELL 160//60	
			440		
 DISTANCE FROM PROPOSED LOCATION[®] TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 		2200' + 19.	PROPOSED DEPTH 6250	1	et or cable tools
21. ELEVATIONS (Show wh	other DF, RT, GR, etc.)	7270 CD		22. APPROX. DATE WORK WILL START*	
		7270 GR			March 12, 1989
23.		PROPOSED CASING A	ND CEMENTING PROGR.	AM	
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH		QUANTITY OF CHMENT
12 1/4"	9 5/8"	36#	300' +	150	sx (180 ft. 3)
7 7/8"	4 1/2"	10.5#	6250' <u>+</u>	1360	
PROPOSED PRO	GRAM:	1	1		

- 1. The proposed well will be drilled through the Mesa Verde Formation and will evaluate the hydrocarbon potential of the Chacra and Mesa Verde zones. The completion program will be determined at total depth after log analysis.
- 2. A BOP will be installed after surface casing is set and cemented. Prior to drilling out from under surface, BOP will be tested to 500# SIP. All subsequent work will be conducted through BOP.
- 3. Drilling mud will be low solid non-dispersed; 50-55 visc., 8.5-9.2 ppg.

****CONTINUED ON SEPARATE SHEET****

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive sone and proposed new productive sone. 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.

preventer program, if any.		•
SIGNED Alan P. Emmendor Fr	Geologist	DATE Feb. 1, 1989
(This space for Federal or State office use)	FOR STOP	
PREMIT NO.		APPROVED
Approval of this action does		AS AMENDED
CONDITIONS OF WASTED HIRET the application	<u> </u>	- DATE
holds legal or equitable rights	strangers Cold. DIV.	AP E Fanell
or title to this leave." Ale See Instruc	DIST. 3	YMAREA MANAGLI
- front Coff Fal 320°	4144	l.

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.

OIL CONSERVATION DIVISION

STATE OF NEW MEXICO **ENERGY AND MINERALS DEPARTMENT**

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-102 Revised 10-1-78

Edgar L. Risenhoover, L,S

All distances must be from the outer boundaries of the Section. Operator Mesa Grande Resources, Inc. North Lindrith 16 Township Section Unit Letter 25 North 2 West Rio Arriba 16 Actual Factage Location of Well: 1650 West 1650 North feet from the line and feat from the Ground Level Clay. Producing Formation Wildeat Black Wildcat Chacra/Mesa Verde 🚁 7270 Chacra/Mesa Verde 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 lease 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 cond herein is true and complete to the 16501 Alan P. Emmendorfer Position 1650 Geologist Mesa Grande Resources, Inc. NM-01355 16 December 2, 1988 Hegistered Professional Engine and/or Land Surveyor Certificate No.

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