CONDITIONS OF APPROVAL, IF ANY:

90 97 0 MJ. 5 MAISSI M Dvan DD

SUBMIT IN LICATE\* 30-015-27390

Form approved.

NUMBER OF ROLE   ORACH SUBSPICASING   WRIGHT PER FOOT   SETTING DEPTH   QUANTIFY OF CEMENT	(December 1990)	STORE STATES (Other Instructions on reverse ide)				Budget Bureau No. 1004-0136 Expires: December 31, 1991	
APPLICATION FOR PERMIT TO DRILL OR DEEPEN  14. THE OF WHAL    DEPEN			-	-	[	5. LEASE DESIGNATIO	N AND SERIAL NO.
DEPEN DRILL DEPEND DEPE		BUREAU OF	BUREAU OF LAND MANAGEMENT			NM031963	
DRILL IN DEPEN	AP	PLICATION FOR F	ERMIT TO DRIL	OR DEEPEN		6. IF INDIAN, ALLOTT	EB OR TRIBE NAME
Same as Above    District File Right of District File File File File File File File File		DRILL X	DEEPEN 🗌		-	7. UNIT AGBERMENT	NAME
Merit Energy Company    Merit Energy Company   Merit Energy Company   Merit Energy Company   Merit Energy Company   Merit Energy Company   Merit Energy Company   Merit Energy Company   Merit Energy Company   Merit Energy Company   Merit Energy Company   Merit Energy Company   Merit Energy Company   Merit Energy Company   Merit Energy Company   Merit Energy Company   Merit Energy Company   Merit Energy Company   Merit Energy Company   Merit Energy Company   Merit Energy Company   Merit Energy Company   Merit Energy Company   Merit Energy Company   Merit Energy Company   Merit Energy Company   Merit Energy Company   Merit Energy Company   Merit Energy Company   Merit Energy Company   Merit Energy Company   Merit Energy Company   Merit Energy Company   Merit Energy Company   Merit Energy Company   Merit Energy Company   Merit Energy Company   Merit Energy Company   Merit Energy Company   Merit Energy Company   Merit Energy Company   Merit Energy Company   Merit Energy Company   Merit Energy Company   Merit Energy Company   Merit Energy Company   Merit Energy Company   Merit Energy Company   Merit Energy Company   Merit Energy Company   Merit Energy Company   Merit Energy Company   Merit Energy Company   Merit Energy Company   Merit Energy Company   Merit Energy Company   Merit Energy Company   Merit Energy Company   Merit Energy Company   Merit Energy Company   Merit Energy Company   Merit Energy Company   Merit Energy Company   Merit Energy Company   Merit Energy Company   Merit Energy Company   Merit Energy Company   Merit Energy Company   Merit Energy Company   Merit Energy Company   Merit Energy Company   Merit Energy Company   Merit Energy Company   Merit Energy Company   Merit Energy Company   Merit Energy Company   Merit Energy Company   Merit Energy Company   Merit Energy Company   Merit Energy Company   Merit Energy Company   Merit Energy Company   Merit Energy Company   Merit Energy Company   Merit Energy Company   Merit Energy Company   Merit Energy Company   Merit Energy Company   Merit Energy Company		GAS OTHER			rie []  -	8. FARM OR LEAST NAME, W	VELL NO.
10. Printer Williams Town Proposed For Service	2. NAME OF OPERATO					Sundance I	ed #4
12.221 Merit Drive - Suite 500 - Dallas, TX 75251  1. ADDITION OF WELL (Report Incelling deally and in accordance with any State requirements.)  1. ADDITION OF WELL (Report Incelling deally and in accordance with any State requirements.)  At proposed post and  Same as Above  At proposed post and  Same as Above  1. Distance from interior from Measure town on foot office.  2.1 miles East of Loving, NM  1. Distance from interior from Measure town on foot office.  2.1 miles East of Loving, NM  1. Distance from interior from Measure town on foot office.  2.1 miles East of Loving, NM  1. Distance from interior from Measure from on foot of the foot of t						9. AM WELL NO.	N Lag Anger annual definition of the Section of Section 2
Same as Above  Interface in Hills and Direction from Nearest town or fost office:  21 miles East of Loving, NM  In its seast of Loving NM  In its s	12221 Med 4. LOCATION OF WELL At SUITAGE Un	erit Drive - Su L (Report location clearly an Lit B-Sec 5 T2	51	Delaware Wildcat			
15. DISTANCE FROM TROTOSES    16. NO. OF ACCESE IN LEASE   17. NO. OF ACCESE IN LEASE   17. NO. OF ACCESE IN LEASE   18. NO. OF ACCES IN LEASE   18. NO. OF ACCESE IN LEASE   10. NO. ACCESE IN LEASE   18.	Same as	Above	AREST TOWN OR POST OFFICE	; •		Sec 5 - T24	4S R31E
15. DISTANCE FROM TROTOSES    16. NO. OF ACCESE IN LEASE   17. NO. OF ACCESE IN LEASE   17. NO. OF ACCESE IN LEASE   18. NO. OF ACCES IN LEASE   18. NO. OF ACCESE IN LEASE   10. NO. ACCESE IN LEASE   18.	21 miles	East of Lovin	q, NM			Eddv	NM
OR APPLIED FOR ON THIS EASE, FT. 1320' to East 8200'  ILLEMATIONS (Show whether DE, RT. GR. etc.)  3402.0'  PROPOSED CASING AND CEMENTING PROGRAM Secretary's Potosh R: 111-P Potos  PROPOSED CASING AND CEMENTING PROGRAM Secretary's Potosh R: 111-P Potos  PROPOSED CASING AND CEMENTING PROGRAM Secretary's Potosh R: 111-P Potos  PROPOSED CASING AND CEMENTING PROGRAM Secretary's Potosh R: 111-P Potos  PROPOSED CASING AND CEMENTING PROGRAM Secretary's Potosh R: 111-P Potos  PROPOSED CASING AND CEMENTING PROGRAM Secretary's Potosh R: 111-P Potos  PROPOSED CASING AND CEMENTING PROGRAM Secretary's Potosh R: 111-P Potos  PROPOSED CASING AND CEMENTING PROGRAM Secretary's Potosh R: 111-P Potos  PROPOSED CASING AND CEMENTING PROGRAM Secretary's Potosh R: 111-P Potos  PROPOSED CASING AND CEMENTING PROGRAM Secretary's Potosh R: 111-P Potos  PROPOSED CASING AND CEMENTING PROGRAM Secretary's Potosh R: 111-P Potos  PROPOSED CASING AND CEMENTING PROGRAM Secretary's Potosh R: 111-P Potos  PROPOSED CASING AND CEMENTING PROGRAM Secretary's Potosh R: 111-P Potos  PROPOSED CASING AND CEMENTING PROGRAM Secretary's Potosh R: 111-P Potosh R: 1	LOCATION TO NE. PROPERTY OR LE. (Also to neares)  18. DISTANCE FROM TO NEAREST WE	AREST ARE LINE, FT. t drig. unit line, if any; 660 PROPOSED LOCATION*	o' to north	1682.12	TO THE	S WELL 40 OR CABLE TOOLS	
PROPOSED CASING AND CEMENTING PROGRAM Setreigny's Potash R-111-P Potas    SIEK OF ROLE   GRADE SUBDICEASING   WEIGHT PER FOOT   SETTING DEPTH   QUANTIFE OF CEMENT     17 1/2   13 3/8   54.5   650   550   Sacks CIRCULAIE     12 1/4   8 5/8   24 & 32#   4200   921   Sacks CIRCULAIE     7 7/8   5 1/2   15.5 & 17#   8200   783   Sacks Grieback 200   Intel®	OR APPLIED FOR, O	N THIS LEASE, PT. 1320	to East   8	3200'	K	. •	ORK WILL START®
PROPOSED CASING AND CEMENTING PROGRAM Secretary's Potosh R-111-P Potos    SIZE OF ROLE   GRADE HERDOCKSING   WEIGHT PER FOOT   SETTING DEPTH   QUANTITY OF CEMENT							
SILE OF ROLE ORADE SIZEOFCASHO WEIGHT PER FOOT SETTING DEPTH OCLARITY OF CEMENT 17 1/2 13 3/8 54.5 650 550 sacks CIRCULATE 2.1/4 8.5/8 24.8.32# 4200 92.1 sacks CIRCULATE 7.7/8 5 1/2 15.5 & 1.7# 8200 783 sacks CIRCULATE 7.7/8 5 1/2 15.5 & 1.7# 8200 783 sacks CIRCULATE 7.7/8 5 1/2 15.5 & 1.7# 8200 783 sacks CIRCULATE 7.7/8 6.5 1/2 15.5 & 1.7# 8200 783 sacks CIRCULATE 7.7/8 8.200 783 sacks CIRCULATE 8.200 78	- Charles - Control - Cont		PROPOSED CASING AND	CEMENTING PROGRA	M Secrets	ary's Potash/	R-111-P Petas
17 1/2 13 3/8 54.5 650 550 sacks CIRCULATE  12 1/4 8 5/8 24 & 32# 4200 921 sacks CIRCULATE  7 7/8 5 1/2 15.5 & 17# 8200 783 sacks CIRCULATE  7 7/8 6 5 1/2 15.5 & 17# 8200 783 sacks CIRCULATE  Merit Energy Company proposes to drill and test the Delaware and intermediate formations. Approximately 650', surface casing will be set and circulated to surface. Approximately 4200' of intermediate casing will be set and circulated to surface. If well is commercial, production casing will be run and cemented tying back into 8 5/8 intermediate casing, perforated and stimulated as needed for production.  Mud Program: FW to 650' brine to 4200', cut brine to 8200  BOPE Program: BOPE will be installed at the offset and tested  PROVAL SUBJECT 10 daily for operational  SPECIAL STIPULATIONS  ATTACHED, and to NMOCD's R-111-P.  IN ABOVE SPACE DISCASINE PROTOSED PROGRAM: If proposal is to deepen give data on present productive zone and proposed new productive zone. The proposal is to delile or deepen give data on present productive zone and proposed new productive zone. The proposal is to drill or deepen give data on present productive zone and proposed new productive zone. The proposal is to drill or deepen give data on present productive zone and proposed new productive zone. The proposal is to drill or deepen give data on present productive zone and proposed new productive zone. The proposal is to drill or deepen give data on present productive zone and proposed new productive zone. The proposal is to drill or deepen give data on present productive zone. The proposal is to drill or deepen give data on present productive zone. The proposal is to drill or deepen give data on present productive zone. The productive zone and proposed new productive zone. The proposal is to drill or deepen give data on present productive zone. The proposal is to drill or deepen give data on present productive zone. The proposal is to drill or deepen give data on present productive zone. The proposal is to drill or deepen give data on pre	SIZE OF HOLE	GRADE SIZE OF CASING			1		
Merit Energy Company proposes to drill and test the Delaware and intermediate formations. Approximately 650', surface casing will be set and circulated to surface. Approximately 4200' of intermediate casing will be set and circulated to surface. If well is commercial, production casing will be run and cemented tying back into 8 5/8 intermediate casing, perforated and stimulated as needed for production.  Mud Program: FW to 650' brine to 4200', cut brine to 8200'.  BOPE Program: BOPE will be installed at the offset and tested of a daily for operational.  JENERAL REQUIREMENTS AND  SPECIAL STIPULATIONS  ATTACHED, and to AMOCD's R-111-P.  IN ABOVE STACE DESCRIBE PROTOSED PROGRAM: If proposal is to deepen give data on present productive zone and proposed new productive zone. Approval back in the surface of the formation of the proposal is to deepen directionally, give perfinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.  APPROVAL DATE			The second secon		55	0 sacks CIR	CULATE
Merit Energy Company proposes to drill and test the Delaware and intermediate formations. Approximately 650', surface casing will be set and circulated to surface. Approximately 4200' of intermediate casing will be set and circulated to surface. If well is commercial, production casing will be run and cemented tying back into 8 5/8 intermediate casing, perforated and stimulated as needed for production.  Mud Program: FW to 650' brine to 4200', cut brine to 8200'.  BOPE Program: BOPE will be installed at the offset and tested of the daily for operational.  JENERAL REQUIREMENTS AND SPECIAL STIPULATIONS  ATTACHED, and to NMOCD'S R-111-P.  IN ABOVE STACE DESCRIBE PROGREM: If proposal is to deepen give data on present productive zone and proposed new productive zone are productive zone.  FIGURED Actual White 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.  PREMITED Actual White Proposal is to drill or deepen give data on present productive zone and proposed new productive zone. The proposed new productive zone and proposed new productive zone. The proposed new productive zone and proposed new productive zone. The proposed new productive zone and proposed new productive zone. The proposed new productive zone and proposed new productive zone. The proposed new productive zone and proposed new productive zone. The proposed new productive zone and proposed new productive zone. The proposed new productive zone and proposed new productive zone. The proposed new productive zone and proposed new productive zone. The proposed new productive zo				4200			
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Mud Program: FW to 650' brine to 4200', cut brine to 8200'.  BOPE Program: BOPE will be installed at the offset and tested of the subject to daily for operational.  JOST 10-1  JENERAL REQUIREMENTS AND  SPECIAL STIPULATIONS  ATTACHED, and to NMOCD's R-111-P.  IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen 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 hlowout preventer program, if any.  21.  RIGNED Lunch Dated  TILLE Localutar Lapt  DATE 1-5-93  (This space for Federal or State office use)	intermed be set a casing w producti intermed	<pre>iate formation nd circulated ill be set and on casing will iate casing, person</pre>	s. Approximate to surface. A circulated to be run and co	tely 650', s Approximatel surface. emented tyin	urface y 4200' If well g back	casing wil of interm is commer into 8 5/8	ll mediate ccial,
BOPE Program: BOPE will be installed at the offset and tested Caily for operational.  JENERAL REQUIREMENTS AND  SPECIAL STIPULATIONS  ATTACHED, and to NMOCD'S R-111-P.  IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. Throposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout prevenier program, if any.  TITLE Proval Date  PERMIT NO	-		0' brine to 4	200', cut br	ine to	F	
(This space for Federal or State office use)  PERMIT NO	JENERAL REQUIR SPECIAL STIPULE ATTACHED, and	CO 10 daily f REMENTS AND ATIONS TO NAMOCD'S R-1	or operationa.  11-P.  If proposal is to deepen, give data	1 .	POST ID  4-9-9-3  VENUEL  and proposed t	ANAI	03 73 62 03 43 50
PERMIT NOAPPROVAL DATE	24.	mell Whites	TITLE	Productivá Saj	ret	DATE 1-	5-93
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						13 - NAT - AL 11 1	and at openions there -

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