

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK DRILL ☒ DEEPEN ☐		5. LEASE DESIGNATION AND SERIAL NO. #145	
b. TYPE OF WELL OIL WELL ☐ GAS WELL ☒ OTHER ☐		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Jicarilla Apache	
2. NAME OF OPERATOR MERIT ENERGY 14591 (214) 701-8377		7. UNIT AGREEMENT NAME Jicarilla K #23	
3. ADDRESS AND TELEPHONE NO. ON SITE TECHNOLOGIES LTD P.O. BOX 2606 (505) 325-8786 Farmington, NM 87499		8. FARM OR LEASE NAME, WELL NO. Jicarilla K #23	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 1010' FSL & 1670' FWL At proposed prod. zone SAME		9. API WELL NO.	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* Approximately 24 Miles from Lindrith, NM		10. FIELD AND POOL OR WILDCAT BLANCO MESA VERDE	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 11, T25N, R5W	
16. NO. OF ACRES IN LEASE 2558.40		12. COUNTY OR PARISH 13. STATE RA NM	
17. DISTANCE FROM PROPOSED* LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 5500'		17. NO. OF ACRES ASSIGNED TO THIS WELL 160 W/320	
18. DISTANCE FROM PROPOSED* LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 5500'		20. ROTARY OR CABLE TOOLS Rotary	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 6775'		22. APPROX. DATE WORK WILL START* AS SOON AS PERMITTED	

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/2	K55	24#	300' 320'	450sx Class B
7 7/8	K55	15.5#	5500' 7300'	Lead 230sx 50/50 Pozmix Tail 120sx Class B Second Stage: Lead 450sx pozmix; Tail 50sx Class B

SEE ATTACHED DRILLING PROGRAM

RECEIVED
JUN 20 1994
OIL CON. DIV.
DIST. 3

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 blowout preventer program, if any.

24. SIGNED [Signature] AGENT FOR Merit Energy TITLE DATE 4-25-94

(This space for Federal or State office use)

PERMIT NO. APPROVAL DATE

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY Yolanda Vega Acting AREA MANAGER RIO PUERTO RESOURCE AREA JUN 17 1994
TITLE

*See Instructions On Reverse Side

10/10/2020 10:10:10 AM

10/10/2020 10:10:10 AM

10/10/2020 10:10:10 AM

10/10/2020 10:10:10 AM

Submit to Appropriate
District Office
State Lease - 4 copies
Fee Lease - 3 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised 1-1-88

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

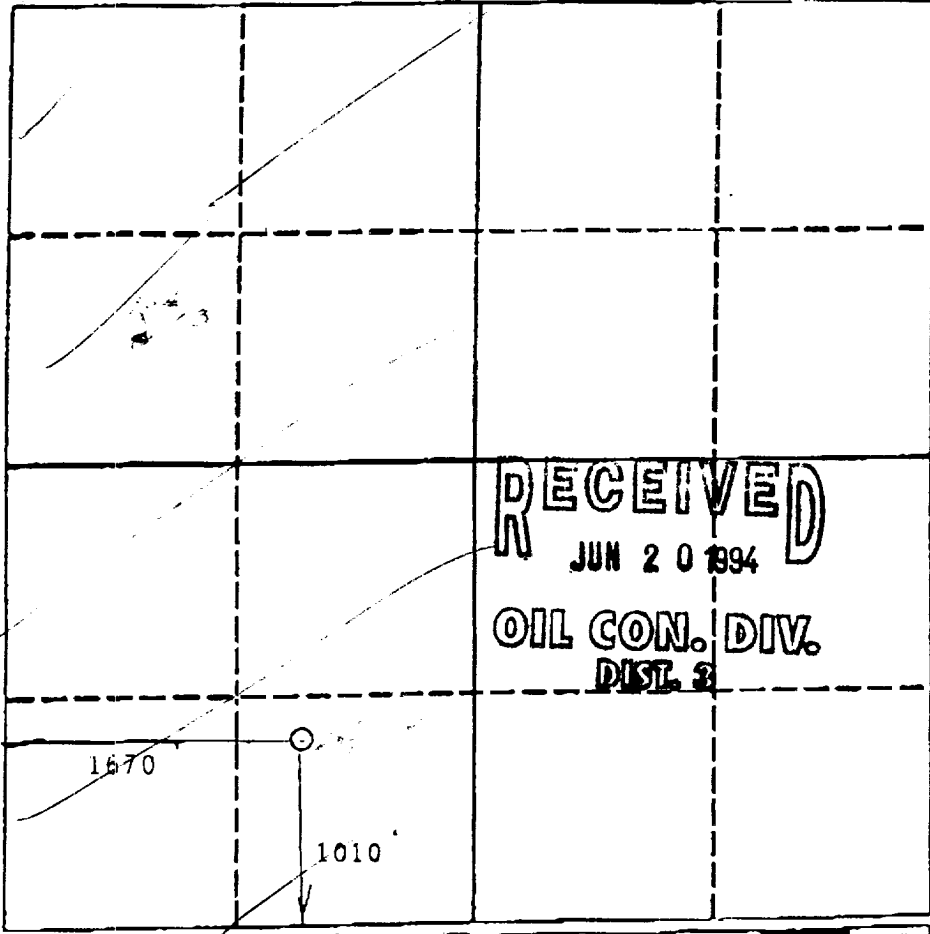
DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

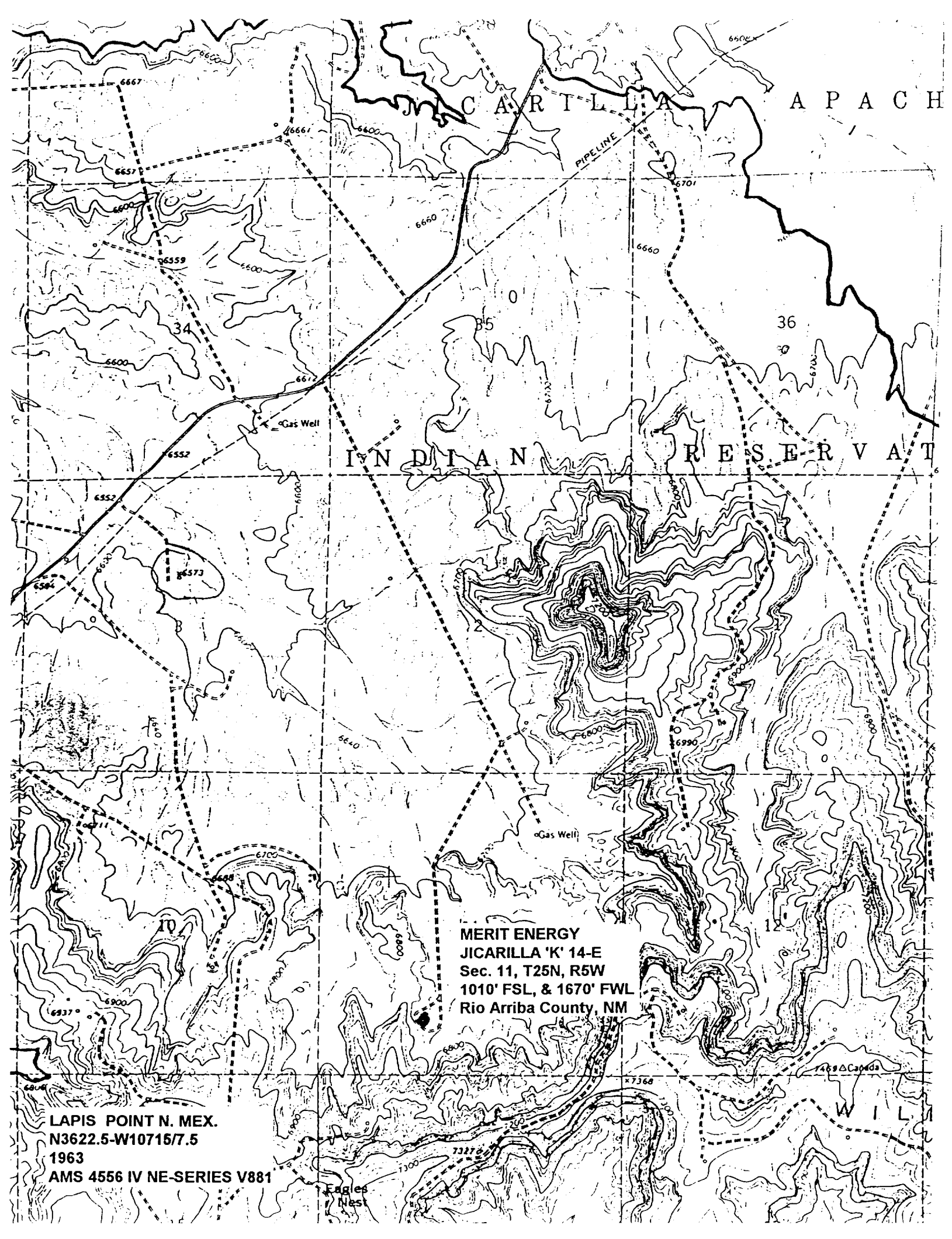
DISTRICT II
P.O. Drawer 10, Artesia, NM 88210

DISTRICT III
1000 Rio Arriba Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

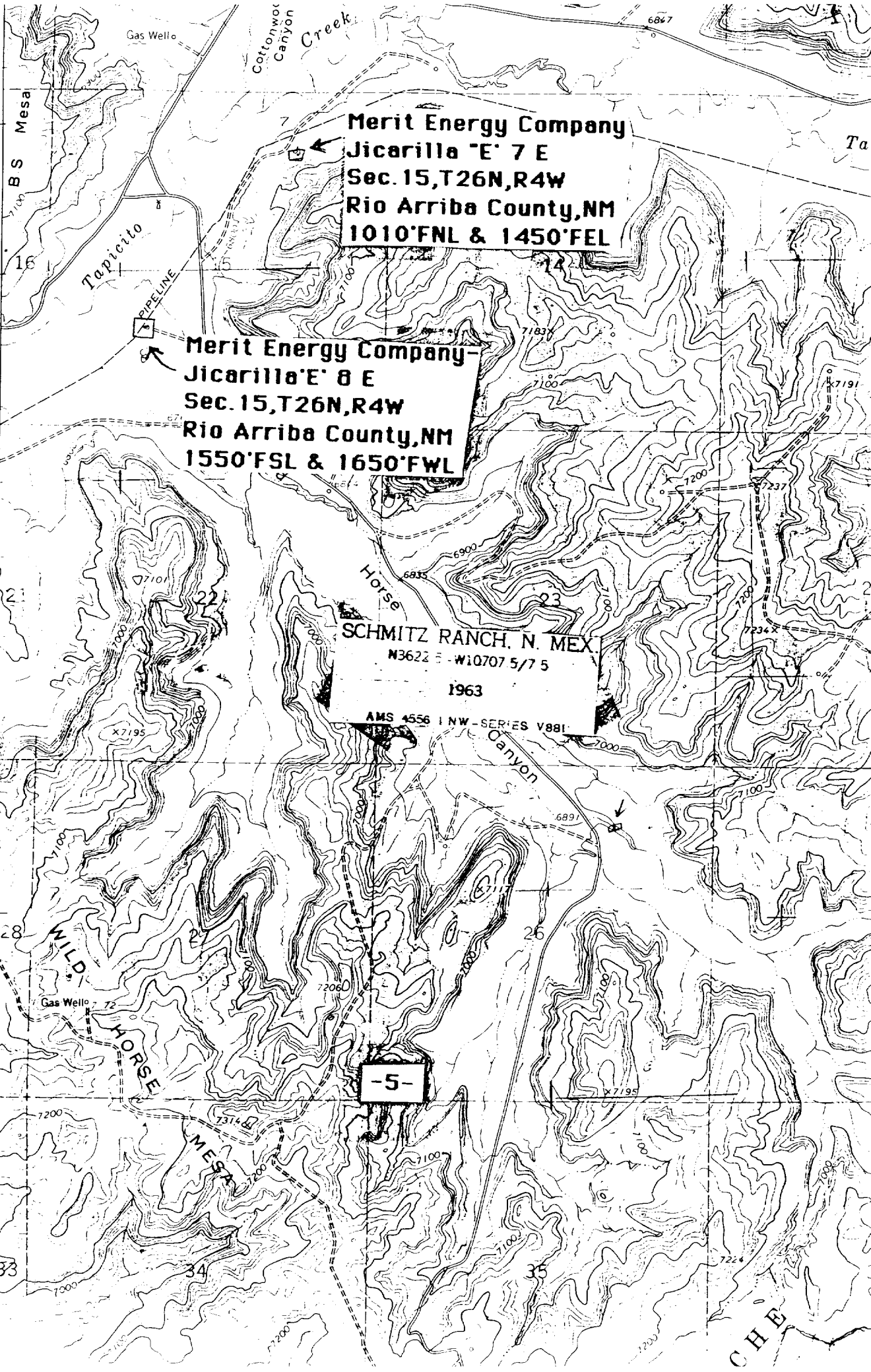
Operator MERIT ENERGY COMPANY			Lease JICARILLA K		Well No. 23
Unit Letter N	Section 11	Township 25 N.	Range 5 W.	County RIO ARriba	
Actual Postage Location of Well: 1010 feet from the SOUTH line and 1670 feet from the WEST line					
Ground level Elev. 6775'	Producing Formation ML		Pool Blanca EXT	Dedicated Acreage: 320 Acres	
1. Outline the acreage dedicated to the subject well by colored pencil or leadline 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 interest of all owners been consolidated by communitization, unitization, force-pooling, etc.? ☐ Yes ☐ No If answer is "yes" type of consolidation _____ 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 interest, has been approved by the Division.					
				OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. Signature: <i>Tora Baldwin</i> Printed Name: TORA BALDWIN Position: ENGINEERING TECH Company: ON SITE TECHNOLOGIES LTD. Date: 03/16/94	
				SURVEYOR CERTIFICATION I 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 correct to the best of my knowledge and belief. Date Surveyed: 7/2/94 Signature: <i>[Signature]</i> Professional Surveyor Certificate No. 6844 REGISTERED LAND SURVEYOR	



MERIT ENERGY
JICARILLA 'K' 14-E
Sec. 11, T25N, R5W
1010' FSL, & 1670' FWL
Rio Arriba County, NM

LAPIS POINT N. MEX.
N3622.5-W10715/7.5
1963
AMS 4556 IV NE-SERIES V881

4041000m. N.



Merit Energy Company
Jicarilla "E" 7 E
Sec. 15, T26N, R4W
Rio Arriba County, NM
1010'FNL & 1450'FEL

Merit Energy Company-
Jicarilla "E" 8 E
Sec. 15, T26N, R4W
Rio Arriba County, NM
1550'FSL & 1650'FWL

SCHMITZ RANCH, N. MEX.
N3622 E - W10707 5/7 5
1963

AMS 4556 1 NW - SERIES V881

-5-

INDIAN

RESERVA

LAPIS POINT, N. MEX.

N3622.5-W10715/7.5

1963

AMS 4556 IV NE-SERIES V881

Merit Energy Company-
Jicarilla 'K' 14 E
Sec. 11, T25N, R5W
Rio Arriba County, NM
1010' FSL & 1670' FWL

-5-

-6-