SUBMIT IN TRIPLICATE* Form approved. Form 3160-3 Budget Bureau No. 1004-0136 (Other instructions on (December 1990) UNITED STATES reverse side) Expires: December 31, 1991 DEPARTMENT OF THE INTERIOR 5. LEASE DESIGNATION AND SERIAL NO. OR FOR ARCHAIN A BUREAU OF LAND MANAGEMENT BLN NM 57440 APPLICATION FOR PERMIT TO DRILL OR DEEPEN 6. IF INDIAN, ALLOTTER OR TRIBE NAME 18. TYPE OF WORK LINUS 7. UNIT AGREEMENT NAME DRILL 🖄 DEEPEN b. TYPE OF WELL MULTIPLE ZONE WELL I WELL S. FARM OR LEASE NAME WELL NO OTRER 2. NAME OF OPERATOR J-(Sonny)Longo-d/b/a SCUTHEASTERN_FETROLEUM INC. 3. ADDRESS AND TELEPHONE NO. 30-043. 1601 East 2nd Street, Roswell, N. N. 88201, 1-505-625-0204 At surface 2208. [Report location circuly and in accordance with any State requirements.*) 11. SBC., T., R., M., OR BLK. AND SURVEY OR AREA At proposed prod. zone VERTICAL to 331 ft.deep SECTION 4, T17N/R3 W 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE. 12. COUNTY OR PARISH | 13. STATE 27 miles, South/west of the Town of Cuba, NM SANDOVAL 71 it.Fileaseline 16. NO. OF ACRES IN LEASE 150 ft.Fileaseline 200 acres in Lease 200 acres 200 acr 15. DISTANCE FROM PROPUSED* 371
LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT. 1 17. NO. OF ACRES ASSIGNED Jointly-with other well (Also to nearest drig, unit line, if any) 18. DISTANCE FROM PROPOSED LOCATIONS
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT. 19. PROPOSED DEPTH 20. BOTARY OR CABLE TOOLS 370 ft ft. Rotary 8.9.15 300 22. APPROX. DATE WORK WILL START 21. ELEVATIONS (Show whether DF, RT, GR, etc.) 6473 Gr. June 1, 1993 PROPOSED CASING AND CEMENTING PROGRAM WEIGHT PER POOT SETTING DEPTH QUANTITY OF CEMENT SIZE OF HOLE GRADE, SIZE OF CASING 24# sacks to surface J55-8 5/8 ir in. 46 sacks to surface $\overline{3/4}$ in. 9 • 5# 370 J55-4き in. Orilling fluid will be Bentonite Mud A blowout preventer will be used, which will be a B.O.P. Hy-Drill unit with a 2000 # system. All choke valves and lines will be 2" minimum. The 2000 # system will be maintained in accordance with all requirements specified in Section III. A1 of onshore order 2, except where variations are presented in this A.P.D. application JUL2 9 1993 OIL CON. DIV. IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new party of the proposal is to drill or deepen directionally, give pergenent data on subsurface of the proposal is to drill or deepen directionally, give pergenent data on subsurface of the proposal is to drill or deepen directionally, give pergenent data on subsurface of the proposal is to drill or deepen directionally, give pergenent data on subsurface of the proposal is to drill or deepen directionally. CFERATOR April 7, 1993 (This space for Federal or State office use) PERMIT NO. 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.

RIO PUERCO RESOURCE AREA

JUL 2 7 1993

Actingarea MANAGER

*See Instructions On Reverse Side

104 For Nac C-102

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY _

SHIRLEY MONDY

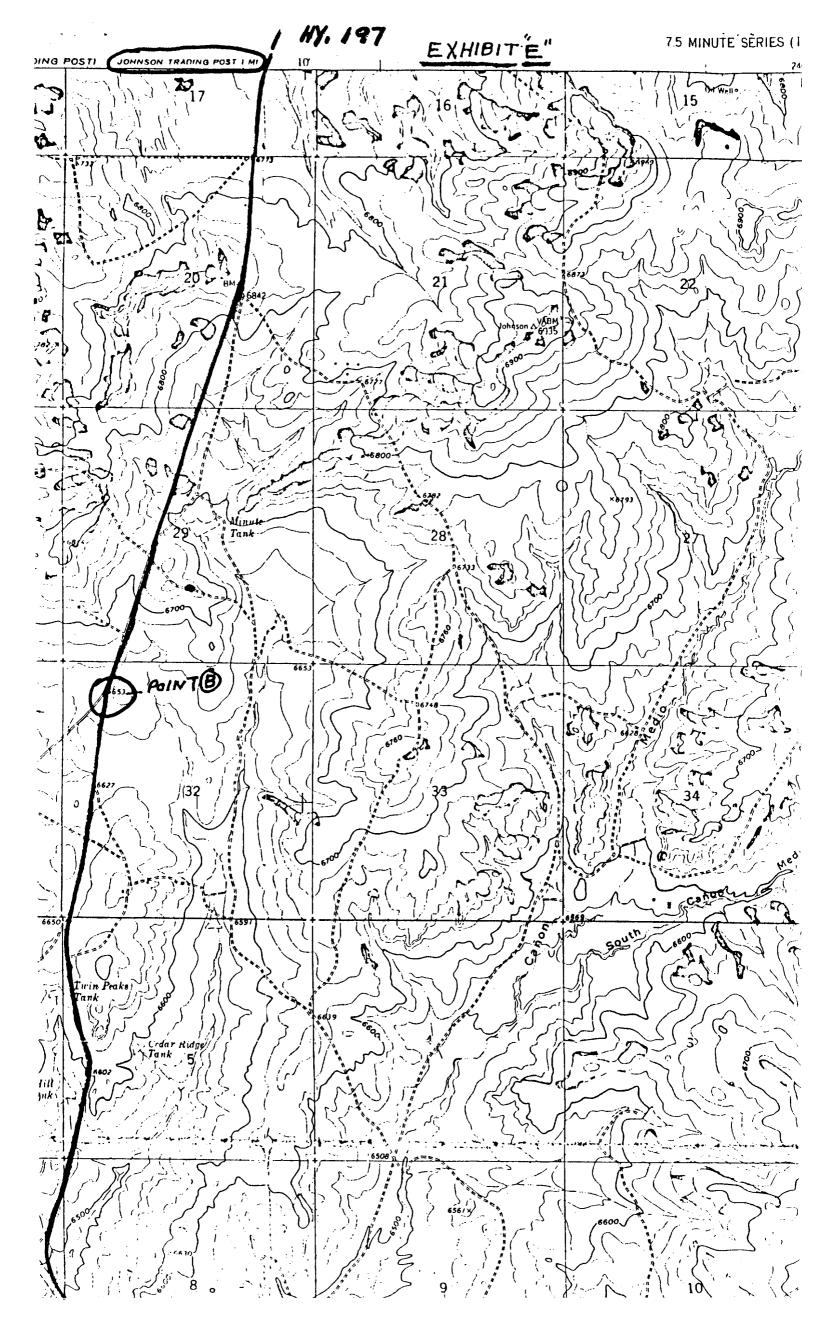
State of New Mexico Energy, Minerals and Natural Resources Department

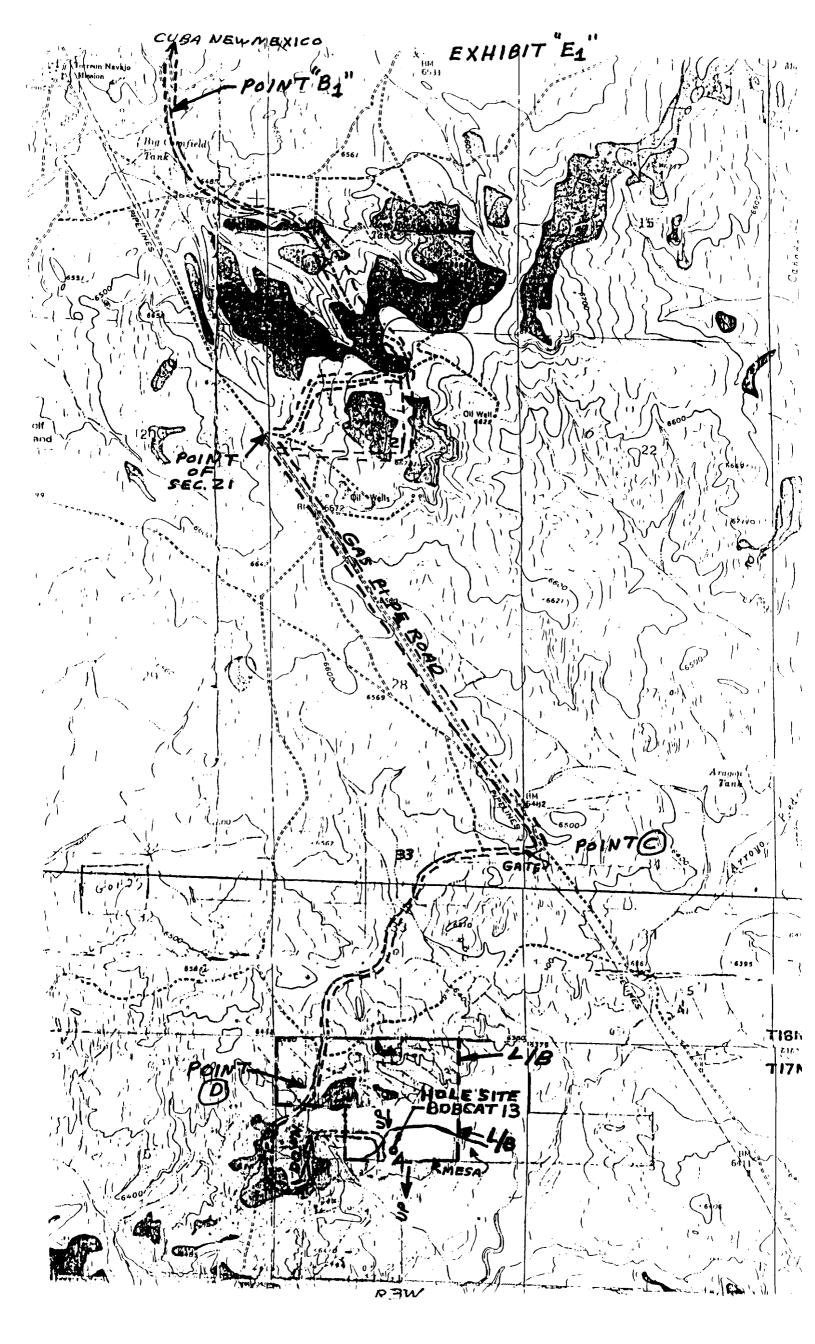
OIL CONSERVATION DIVISION

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

7.0. Bux 1980, Hobbs, NM 88240

Tau Letter Section Township Range County F 4 17N 3. NMPM SANDOVAL CITIZE FOOLAGE Location of Well. 2268 feet from the NORTH line and 2471 feet from the NEST line Fround level Elex. Producing Formstion Pool SOUTH SAN LUIS- Dedicated Acreage	CONTROL II C.O. Drawer DD, Arless				ATION OF AT
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The form the service of West 2268 # 17N NORTH Inse and 2471 # 168 from the Producing Formation Producing F	perator Styl	bergen Pet	True.	13060	at
2268 ** fee from the NORTH line and 2471 ** feet from the NORTH line and 2471 ** feet from the NORTH line and SOUTH SAN LUIS ** Producing Formation MESAVERDE** 40 acres joint Acres in the second of the second of the well, outline such statute statute on the plus below. With other we not drilled yet in the plus the plus second different ownership in dedicated to the well, have the internst of all owners been consolidated by communications. Unatternated the second of the second different ownership in dedicated to the well, have the internst of all owners been consolidated by communications. Internet and redescriptions which have accusably been consolidated. (In evertee add of the second internet, and internet law of constitutions, unattangous, forced-pooling, or otherwise) or until to the constitution of the second to the second different internet laws been consolidated. (In evertee add of the second of the second different internet laws been consolidated. (In evertee add of the second of t	au Letter Se	cuos Townsup	R	•	•
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1. Outline the acreage descusate to the surject was by colored pencil or basement marks on the pile below. 2. I more than one lease a dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royally). 3. If more than one lease is different ownership is dedicated to the well, have the interest of all owners been consolidated by communication. 3. If more than one lease of different ownership is dedicated to the well, have the interest of all owners been consolidated by communication. 3. If more than one lease of different ownership is dedicated to the well, have the interest of all owners been consolidated by communication. 3. If more than one lease of different ownership is dedicated to the well, have the interest of all owners been consolidated by communication. 3. If more than one lease of the fermion of the well interests the sectionally been consolidated. 4. If answer is "or list the owners and true feelings to the well interests the well and interests the been approved by the Divinous. 4. If answer is not the results in the owners and the feelings of the properties of the section of processing of the feelings of the feeli	round level Eiev.			MAS HTUOS N	LUIS- Dedicated Acreage:
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APPROACH ROADS TO WELL SITE NW 14 SECTION 4 TITN/REW NORTH STDCK? WATER ROAD POND SEE NOTE 1. POINT D-STEEL PIPE **SET IN 1975** NEW ROAD CENTER OF HW /4 TO WELL SITE RATTLESNAKE OIL STORAGE DOME TANKS_AREA OLD GOLA Z OLD RAMP CANYON RIM - 21 O GOLA OGOLAH OLD ROAD BOBCAT 13 WELL SITE CANYON FLOOR OLOGOLA GOLA 3 BOLA ! MESA SCALE: CENTER POINT 12 INS = I MILE OF SECTION 4 1/32 IN. = 13.75 FT ROCK FORMATION SLOPING TO CANYON FLOOR

EXHIBIT E2

NOTES:

- 1. ALL LAND INSPECTORS BE-WARE ROCKY SHELVING PROJECTING OUT ARE HOUSING RATTLESNAKE DENS UNDER THESE SHELVES IN THIS AREA-MANY-MANY BIE-BIG SNAKES.
- BIG-BIG SNAKES.

 2. CANYON FLOOR IS APPROXIMATELY 74 FT. BY C.M. GOAD LOWER THAN TOP OF DOME.

1278 FT. OF ROAD RAMP

TO CANYON FLOOR