

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
 DRILL DEEPEN PLUG BACK

b. TYPE OF WELL
 OIL WELL GAS WELL OTHER SINGLE ZONE MULTIPLE ZONE

2. NAME OF OPERATOR
7272
Energy Development Corporation (713) 750-7536

3. ADDRESS OF OPERATOR
1000 Louisiana, Suite 2900, Houston, Tx. 77002

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
 At surface: **1150' FSL & 1620' FEL**
 At proposed prod. zone: **Same** *API #: 30-43-20923*

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
7 air miles SW of Cuba, NM

10. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drilg. unit line, if any) *1150'

18. DISTANCE FROM PROPOSED* LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 2040'

16. NO. OF ACRES IN LEASE *120

19. PROPOSED DEPTH 4,450'

17. NO. OF ACRES ASSIGNED TO THIS WELL S/320

20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.) 6,925' ungraded ground

22. APPROX. DATE WORK WILL START* Oct. 3, 1994

5. LEASE DESIGNATION AND SERIAL NO.
NM-84664

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
 N/A

7. UNIT AGREEMENT NAME
San Isidro 5 (Shallow) *13448*

8. FARM OR LEASE NAME
Rio Puerco Mangos Oil *52260*

9. WELL NO.
15

10. FIELD AND POOL, OR WILDCAT
0 5-20n-2w NMPM

11. SEC., T., R., M., OR BLM. AND SURVEY OR AREA

12. COUNTY OR PARISH 13. STATE
Sandoval **NM**

23. PROPOSED CASING AND CEMENTING PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | QUANTITY OF CEMENT |
|--------------|----------------|-----------------|---------------|----------------------------|
| 13-1/2" | 10-3/4" | 40.5 (H-40) | 350' | ≈285 cu ft and to surface |
| 9-7/8" | 7-5/8" | 26.4# (N-80) | 3,800' | ≈1205 cu ft and to surface |
| 6-3/4" | 5-1/2" | 17# (N-80) | 4,450' | ≈118 cu ft and to 3,500' |

*170' to closest lease line and 1620' to closest unit line
 120 acres in lease and 18,897.16 acres in unit
 all acreage dedicated to well in unit

RECEIVED
 OCT 12 1994
OIL CON. DIV.
 DIST. 3

This APD is also serving as a road right-of-way application. The R/W will run from the Chijuilla Road east for 1.3 mi. to the well and be 25' wide. The R/W crosses S2NE4 Sec. 6 and SWNW, N2SW4, & W2SE4 Sec. 5, T. 20 N., R. 2 W. All of the R/W is within unit boundaries.

cc: BLM(4 +2 for OCD), Gerding

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, 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]* TITLE Consultant DATE 9-28-94
 (This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE OCT 6 1994
 APPROVED BY *S/D. Kent Hamilton* TITLE AREA MANAGER
 CONDITIONS OF APPROVAL, IF ANY: *2-104 For USL* RIO PUERCO RESOURCE AREA DATE _____

*See Instructions On Reverse Side

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

State of New Mexico

Energy, Minerals and Natural Resources Department

Form C-102
Revised February 10, 1994
Instruction on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

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

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

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

□ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

| | | | |
|-----------------------------------|--|---------------------------|---|
| API Number <i>30-043-30923</i> | | Pool Code <i>52260</i> | Pool Name Rio Puerco-Mancos Oil |
| Property Code <i>13448</i> | Property Name SAN ISIDRO 5 | | Well Number 15 |
| OGRID No. <i>7272</i> | Operator Name ENERGY DEVELOPMENT CORPORATION | | Elevation 6925' |

Surface Location

| UL or lot No. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|----------|
| 0 | 5 | 20 N | 2 W | | 1150 | SOUTH | 1620 | EAST | SANDOVAL |

Bottom Hole Location If Different From Surface

| UL or lot No. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|-----------------|---------|-----------------|--------------------|---------|---------------|------------------|---------------|----------------|--------|
| | | | | | | | | | |
| Dedicated Acres | | Joint or Infill | Consolidation Code | | Order No. | | | | |

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

| | |
|--|---|
| | <p>OPERATOR CERTIFICATION</p> <p>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>Brian Wood</i> Signature</p> <p>Brian Wood Printed Name</p> <p>Consultant Title</p> <p>September 28, 1994 Date</p> |
| | <p>SURVEYOR CERTIFICATION</p> <p>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 belief.</p> <p>MAY 27, 1994 Date Surveyed</p> <p><i>[Signature]</i> Signature & Seal of Professional Surveyor</p> <p>W.O. Num. 94-11-0918</p> |
| | <p>Certificate No. JOHN W. WEST, 676 RONALD J. EIDSON, 3239 GARY L. JONES, 7977</p> |
| | |

Surface Use Plan

1. DIRECTIONS & EXISTING ROADS (See Pages 10 & 11)

From NM 44 on the south side of Cuba, go W 9.0 mi. on NM 197. Then turn right and go NW 0.1 mi. onto the dirt Chijuilla Road. Then turn right and go N 3.0 mi. on the Chijuilla Road. Then turn right and go SE 0.7 mi. on the San Isidro 5-14 well road. Then turn left and follow a jeep trail ESE 0.6 mi. to the wellsite. Roads will be maintained to a standard at least equal to their present condition.

This APD is also serving as a road right-of-way application. The R/W will run from the Chijuilla Road east for 1.3 mi. to the well and be 25' wide. The R/W crosses S2NE4 Sec. 6 and SWNW, N2SW4, & W2SE4 Sec. 5, T. 20 N., R. 2 W. All of the R/W is within unit boundaries.

2. ROAD TO BE UPGRADED (See Page 11)

No new road will be built. About 0.6 mi. of jeep trail will be upgraded and 0.7 mi. of field road will be repaired. The field road will be recrowned and reditched with a $\approx 14'$ wide running surface and a maximum disturbed width of $\approx 25'$. Existing borrow ditches will be cleaned. Borrow ditch turnouts will be installed every 100' on both sides of the road where it crosses a ridge in the N2SW4 Section 5. No trees will be bladed where a grove is bisected in NWSE Section 5. A short fence and locking gate will be installed in the grove. Maximum grade will be 5%. Maximum cut or fill will be 1'. No cattleguards are needed.

The west most existing culvert will be pulled and replaced by a low

Energy Development Corporation
San Isidro (Shallow) Unit 5-15
1150' FSL & 1620' FEL
Sec. 5, T. 20 N., R. 2 W.
Sandoval County, NM

PAGE 11

13. REPRESENTATION

Anyone having questions concerning the APD should call:

Brian Wood, Consultant
Permits West, Inc.
37 Verano Loop
Santa Fe, NM 87505
(505) 466-8120
FAX: (505) 466-9682

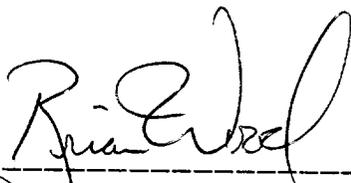
or

Mark Gerding
Energy Development Corporation
1000 Louisiana, Suite 2900
Houston, Tx. 77002
(713) 750-7536

The field representative during drilling will be Louis Yeager.

Energy Development Corporation has the necessary consents from the proper lease owners to conduct lease operations in conjunction with this well. Bond coverage pursuant to 43 CFR 3104 for lease activities and operations is being provided by Energy Development Corporation.

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with operations proposed herein will be performed by Energy Development Corporation and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

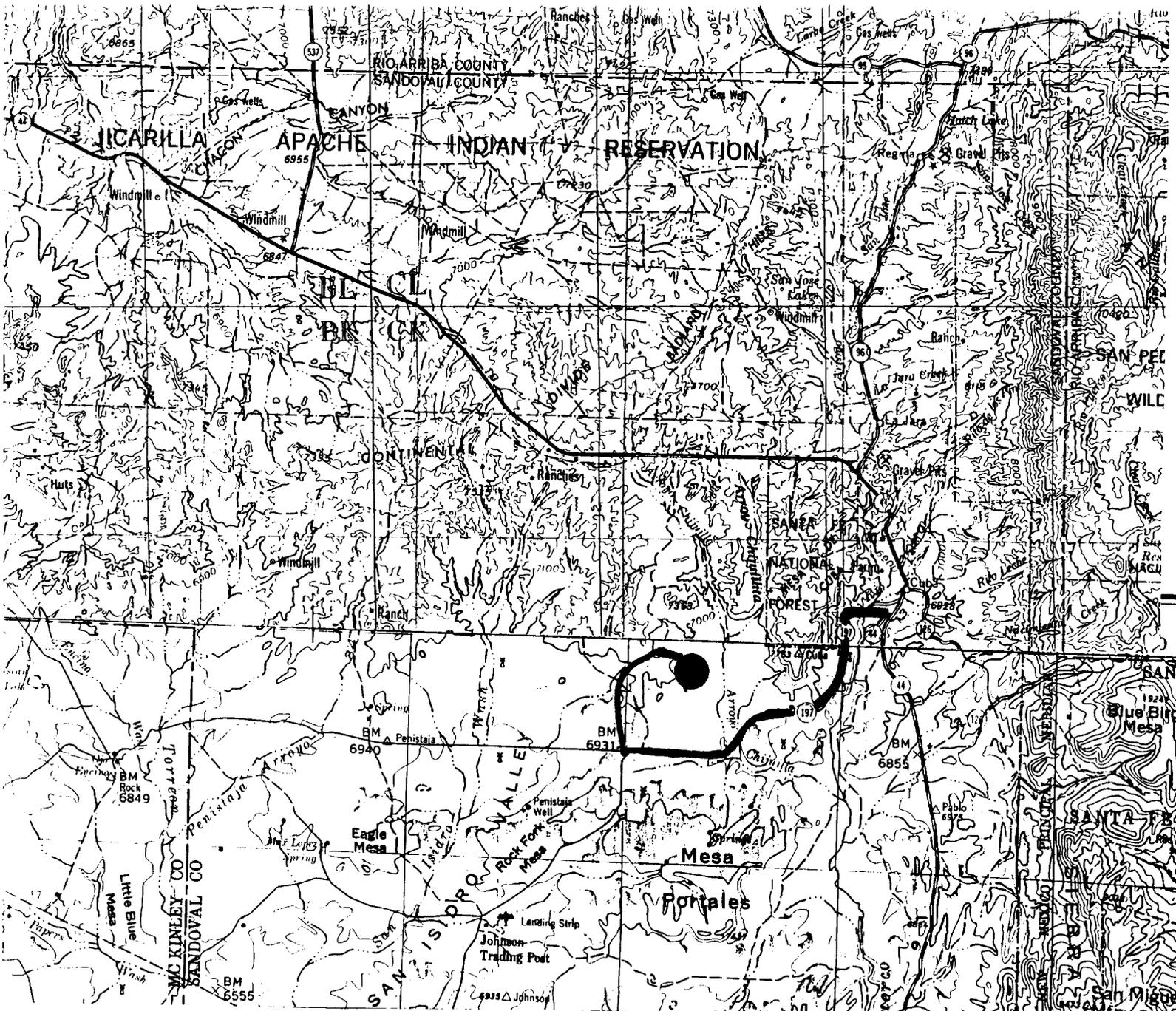


Brian Wood, Consultant

September 28, 1994

Date

Energy Development Corporation
San Isidro (Shallow) Unit 5-15
1150' FSL & 1620' FEL
Sec. 5, T. 20 N., R. 2 W.
Sandoval County, NM



Wellsite: ●

Access Route: ~

Energy Development Corporation
San Isidro (Shallow) Unit 5-15
1150' FSL & 1620' FEL
Sec. 5, T. 20 N., R. 2 W.
Sandoval County, NM

