

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Form C-101
Revised October 18, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 6 Copies
Fee Lease - 5 Copies

☐ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

¹ Operator Name and Address. EnerQuest Resources, LLC P.O. Box 11150 Midland, TX 79702		¹ OGRID Number 160620
		¹ API Number 30 - 025-34013
¹ Property Code 20809	¹ Property Name Carrie O. Davis	¹ Well No. 5

⁷ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	29	18S	39E		1310	South	330	West	Lea

⁸ Proposed 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
⁹ Proposed Pool 1 E. Hobbs (San Andres)					¹⁰ Proposed Pool 2				

¹¹ Work Type Code N	¹² Well Type Code 0	¹³ Cable/Rotary R	¹⁴ Lease Type Code P	¹⁵ Ground Level Elevation 3604'
¹⁶ Multiple No	¹⁷ Proposed Depth 4700'	¹⁸ Formation San Andres	¹⁹ Contractor Rod Ric	²⁰ Spud Date 6/15/97

²¹ Proposed Casing and Cement Program


Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
12 1/4	8 5/8"	24	1900	870	Surf
7 7/8	5 1/2"	15.5	4700	580	1500'

²² Describe the proposed program. If this application is to DEEPEN or PLUG BACK give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

- 1) Move in & rig up rotary rig.
- 2) Spud 12 1/4" hole & drill to top of anhydrite at approx 1,900'.
- 3) Set 8 5/8" surf casing & cement to surface.
- 4) Drill out w/7 7/8" bit using 10 lb/gal brine water.
- 5) Core San Andres 4450 - 4650'.
- 6) TD Well, run OH logs, evaluate for production casing & completion.

Permit Expires 1 Year From Approval
Date Unless Drilling Indefinite

NSL-3802(SD)

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief. Signature:  Printed name: Christopher P. Renaud Title: Vice President - Engineering		OIL CONSERVATION DIVISION Approved by: ORIGINAL SIGNED BY OHS WEL LEADS DISTRICT I SUPERVISOR Title: Approval: JUN 06 1997 Expiration Date:	
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DISTRICT I
P.O. Box 1980, Hobbs, NM 88241-1980

State of New Mexico

Energy, Minerals and Natural Resources Department

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

DISTRICT II
P.O. Drawer DD, Artesia, NM 88211-0719

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

OIL CONSERVATION DIVISION

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

DISTRICT IV
P.O. Box 2088, Santa Fe, NM 87504-2088

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 3D-025-34013	Pool Code 32300	Pool Name Hobbs, East (San Andres)
Property Code 20809	Property Name CARRIE O. DAVIS	Well Number 5
OGRID No. 160620	Operator Name ENERQUEST RESOURCES, LLC.	Elevation 3604

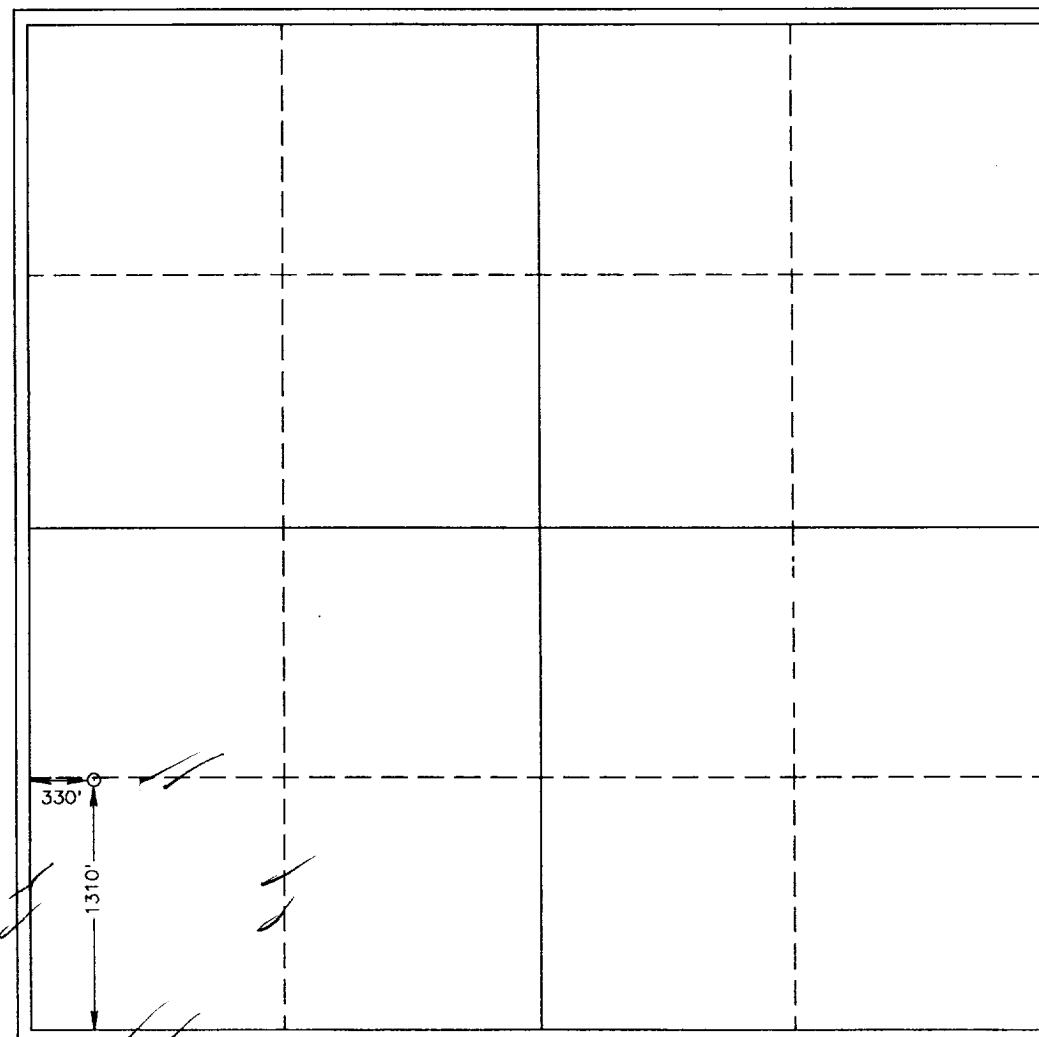
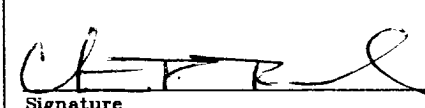
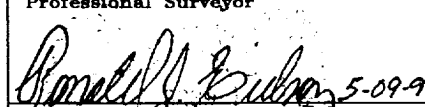
Surface Location

UL or lot No. M	Section 29	Township 18 S	Range 39 E	Lot Idn	Feet from the 1310	North/South line SOUTH	Feet from the 330	East/West line WEST	County LEA
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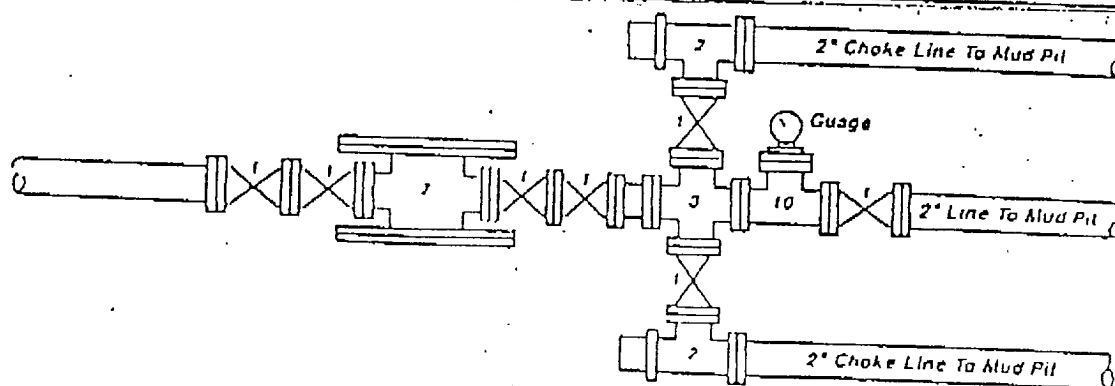
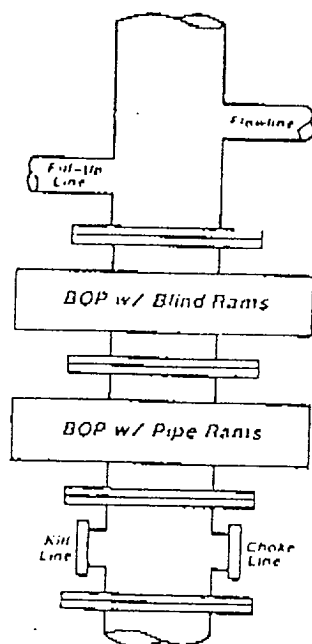
Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres 40	Joint or Infill	Consolidation Code	Order No. USL-3802 (SD)						

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> Signature</p> <p>Christopher P. Renaud Printed Name</p> <p>Vice President-Engineering Title</p> <p>5/13/97 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 8, 1997</p> <p>Date Surveyed JLP</p> <p>Signature & Seal of Professional Surveyor</p> <p> W.O. Num. 97-11-0789</p> <p>Certificate No. JOHN W. WEST, 676 RONALD J. EIDSON, 3239 GARY G. EIDSON, 12641</p>

LOWOUT PREVENTER - 3000 psi

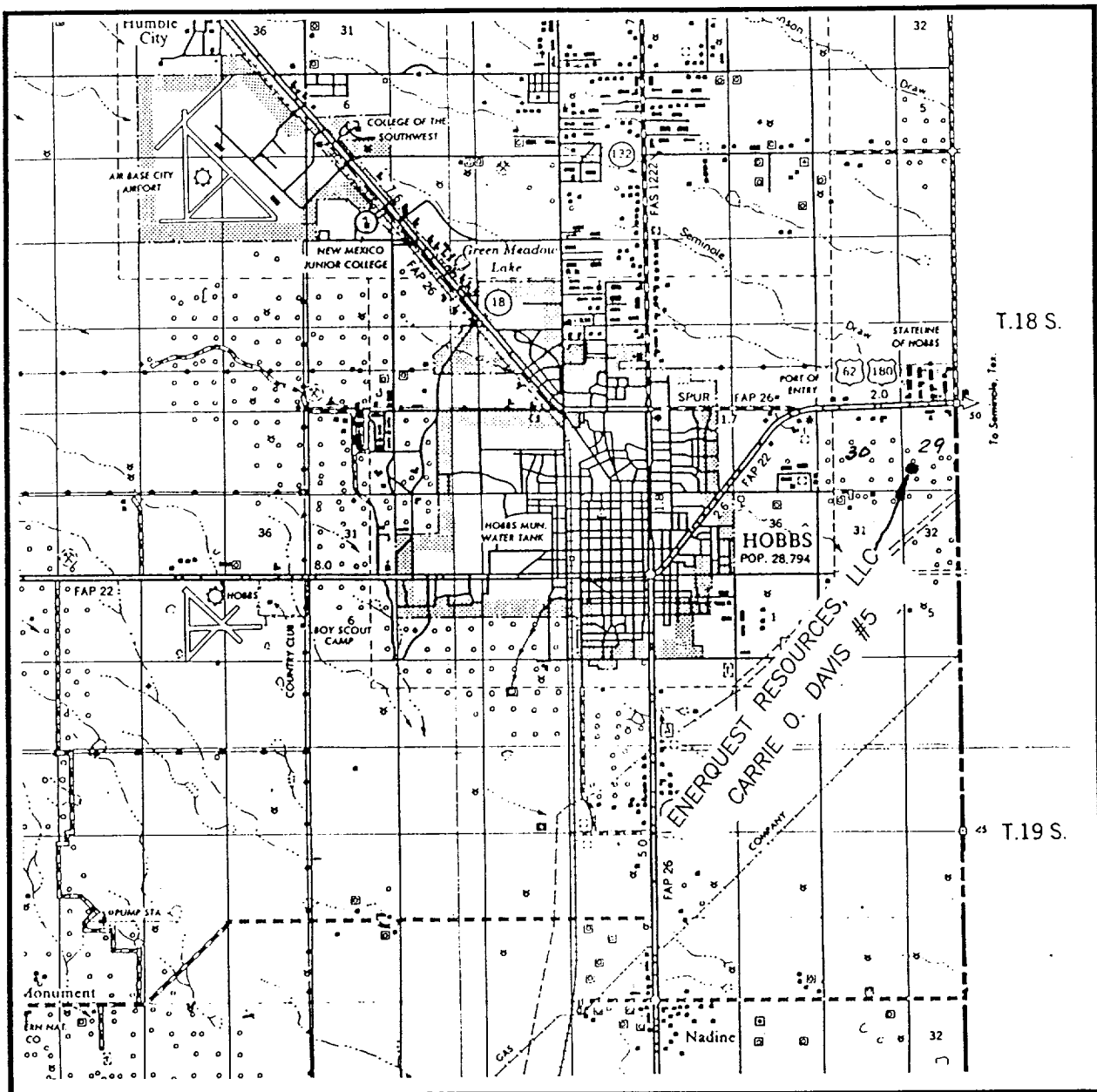
Legend

1. 2" flanged all steel valve must be either Cameron "F" Halliburton Low Jalousie, or Shaffer Flo-Seal
2. 2" flanged adjustable chokes, min. 1" full opening & equipped w/ hand lever.
3. 4" x 2" flanged steel cross
4. 4" flanged steel tee.
5. 4" flanged all steel valve (Type as in no. 1)
6. Drilling spool w/ 2" x 4" flanged steel outlet
7. Drilling spool w/ 2" x 2" flanged outlet.
8. 2" x 2" flanged steel cross.
9. 4" pressure operated gate valve.

Notes

Choke manifold may be located in any convenient position. Use all steel fittings throughout. Make 90° turns with butt plugged tees only. No field welding will be permitted on any of the components of the choke manifold and related equipment upstream of the chokes. The choke spool and all lines and fittings must be at least equivalent to the test pressure of the preventers required. Independent closing control unit with clearly marked controls to be located on derrick floor near driller's position.

VICINITY MAP



SCALE: 1" = 2 MILES

SEC. 29 TWP. 18-S RGE. 39-E

SURVEY N.M.P.M.

COUNTY LEA

DESCRIPTION 1310' FSL & 330' FWL

ELEVATION 3604'

OPERATOR ENERQUEST RESOURCES, LLC

LEASE CARRIE O. DAVIS

JOHN WEST ENGINEERING

HOBBES, NEW MEXICO

(505) 393-3117



STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION
2040 S. PACHECO
SANTA FE, NEW MEXICO 87505
(505) 827-7131

June 4, 1997

EnerQuest Resources, L.L.C.
P. O. Box 11150
Midland, Texas 79702
Attention: Christopher P. Renaud

Administrative Order NSL-3802(SD)

Dear Mr. Renaud:

Reference is made to your application dated June 3, 1997 for an unorthodox "infill" San Andres oil well location in an existing 40-acre standard oil spacing and proration unit for the East Hobbs-San Andres Pool comprising the SW/4 SW/4 (Unit M) of Section 29, Township 18 South, Range 39 East, NMPM, Lea County, New Mexico. Said 40-acre unit is currently dedicated to the Carrie O. Davis Well No. 1 (API No. 30-025-07945) located at a standard oil well location 990 feet from the South and West lines of said Section 29.

The geologic interpretation submitted with this application indicates that a well drilled at the proposed unorthodox oil well location will be at a more favorable geologic position within EnerQuest's Carrie O. Davis lease (comprising Lots 3 and 4, the W/2 SW/4, and the SE/4 SW/4 of said Section 29) to adequately drain reserves within the productive interval that might not otherwise be produced and to provide for a more efficient production pattern within the East Hobbs-San Andres Pool.

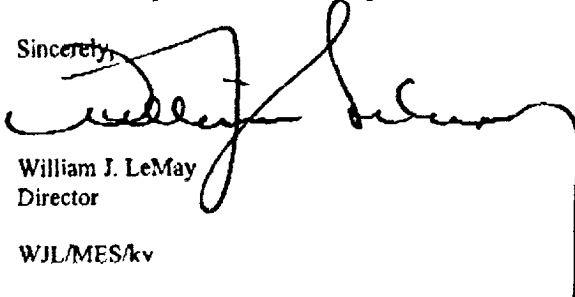
The subject application has been duly filed under the provisions of Rule 104.F of the General Rules and Regulations of the New Mexico Oil Conservation Division ("Division"), revised by Division Order No. R-10533, issued by the Oil Conservation Commission in Case 11,351 on January 18, 1996.

By the authority granted me under the provisions of Division General Rule 104.F(2), the following described well to be drilled at an unorthodox infill oil well location in said Section 29 is hereby approved:

**Carrie O. Davis Well No. 5
1310' FSL & 330' FWL**

Further, East Hobbs-San Andres Pool oil production from the Carrie O. Davis Well Nos. 1 and 5 are to be simultaneously dedicated to the subject 40-acre tract.

Sincerely,


William J. LeMay
Director

WJL/MES/kv

cc: Oil Conservation Division - Hobbs