

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		² OGRID Number 160620
		³ API Number 30 - 0 25-34012
⁴ Property Code 20928	⁵ Property Name Samuel Cain	⁶ 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
N	30	18S	39E		1310	S	2310	W	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 O	¹³ Cable/Rotary R	¹⁴ Lease Type Code P	¹⁵ Ground Level Elevation 3603'
¹⁶ Multiple No	¹⁷ Proposed Depth 4700'	¹⁸ Formation San Andres	¹⁹ Contractor Rod Ric	²⁰ Spud Date 7/1/97

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.

NSL-3801

Permit Expires 1 Year From Approval
Date Unless Drilling Underway

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 CHRIS WILLIAMS
DISTRICT I SUPERVISOR

Title:

Approval Date:

JUN 06 1997

Expiration Date:

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

DISTRICT IV
P.O. BOX 2088, SANTA FE, N.M. 87504-2088

OIL CONSERVATION DIVISION

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-34012	Pool Code 32300	Pool Name Hobbs, East (San Andres)
Property Code 20928	Property Name SAMUEL CAIN	Well Number 5
OGRID No. 160620	Operator Name ENERQUEST RESOURCES, LLC	Elevation 3603

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	30	18 S	39 E		1310	SOUTH	2310	WEST	LEA

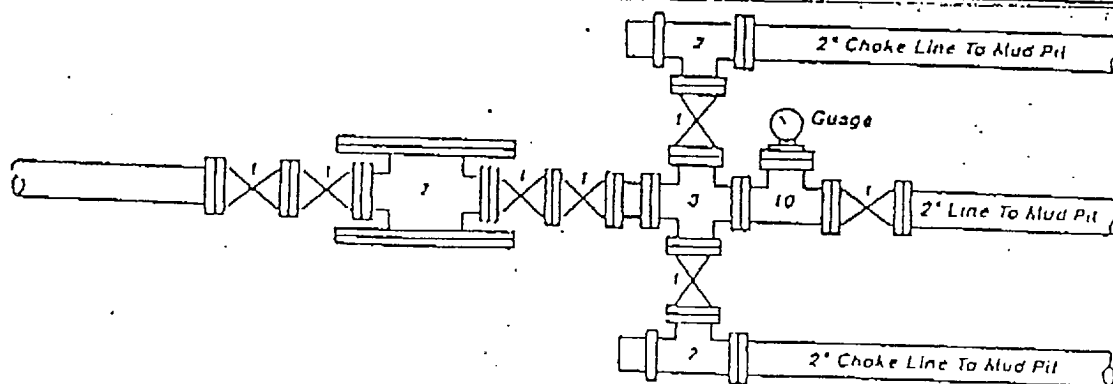
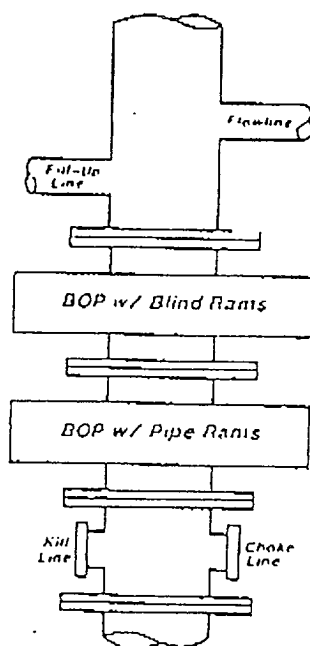
Bottom Hole Location If Different From Surface

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. NSL-3801						

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 7, 1997</p> <p>Date Surveyed DMCC</p> <p>Signature & Seal of Professional Surveyor RONALD J. EIDSON 5-0997 97-11-0790</p> <p>Certificate No. JOHN W. WEST 676 RONALD J. EIDSON 3239 RONALD J. EIDSON 12641</p>

BLOWOUT PREVENTER - 3000 psi

Legend

1. 2" flanged all steel valve must be either Cameron "F", Halliburton Low Torque, or Shaffer Flo-Seal
2. 2" flanged adjustable chokes, min. 1" full opening & equipped w/ hard stem.
3. 4" x 3" 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 3" flanged steel outlet
7. Drilling spool w/ 2" x 2" flanged outlet.
8. 2" x 2" flanged steel cross.
9. 4" pressure line

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.