

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
PO Drawer DD, Artesia, NM 88211-0719
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

Form C-101
Revised February 10, 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

Operator Name and Address. CROSS TIMBERS OPERATING COMPANY PO BOX 52070 MIDLAND TX 79710-2070		1 OGRID Number 005380
		2 API Number 30-025 33538
4 Property Code 003355	5 Property Name SEMGSAU	6 Well No. 613

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
K	29	17S	33E		1,930	South	1,516	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 <i>Maljamar CB/SA</i>					10 Proposed Pool 2				

11 Work Type Code N	12 Well Type Code O	13 Cable/Rotary R	14 Lease Type Code S	15 Ground Level Elevation 4,063'
16 Multiple NO	17 Proposed Depth 4,500'	18 Formation SAN ANDRES	19 Contractor NOT SELECTED	20 Spud Date APPROX 5/01/96

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"	23 or 24#	400'	250	Surface
7-7/8"	5-1/2"	15.5#	4,500'	1,000	Surface

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.

Drill 12-1/4" hole to 400'. Set & cmt 8-5/8" csg w/250sx Class "C" cmt w/2% CaCl.
NU & test BOPE. Drill 7-7/8" hole to 4,500' using 10# brine water & polymer sweeps.
Set & cmt 5-1/2" csg w/750sx Lite & 250sx Class "C" (cmt volume may vary depending on volume caliper).
BOPE: 11" - 3,000 psig, hydraulic operated double ram, 3,000 psig choke manifold.

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: George E. Ramsey, Jr.

Title: Drilling Engineer

Date: 3/06/96

Phone: 915-682-8873

OIL CONSERVATION DIVISION

Approved by:

Orig. Signed by

Title:

Paul Kautz
Geologist

Approval Date:

MAR 19 1996

Expiration Date:

Conditions of Approval:

Attached ☐

8

DISTRICT I
P.O. Box 1980, Hobbs, NM 88241-1980

REC'D. 7/11/96

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised February 10, 1994
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Fee Lease - 3 Copies

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

MAR - 1 1996

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, N.M. 87504-2088

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 72-2125-33336	Pool Code 43329	Pool Name MALJAMAR GRAYBURG SAN ANDRES
Property Code 003355	Property Name SEMGSU	Well Number 613
OGRID No. 005380	Operator Name CROSS TIMBERS OPERATING COMPANY	Elevation 4063

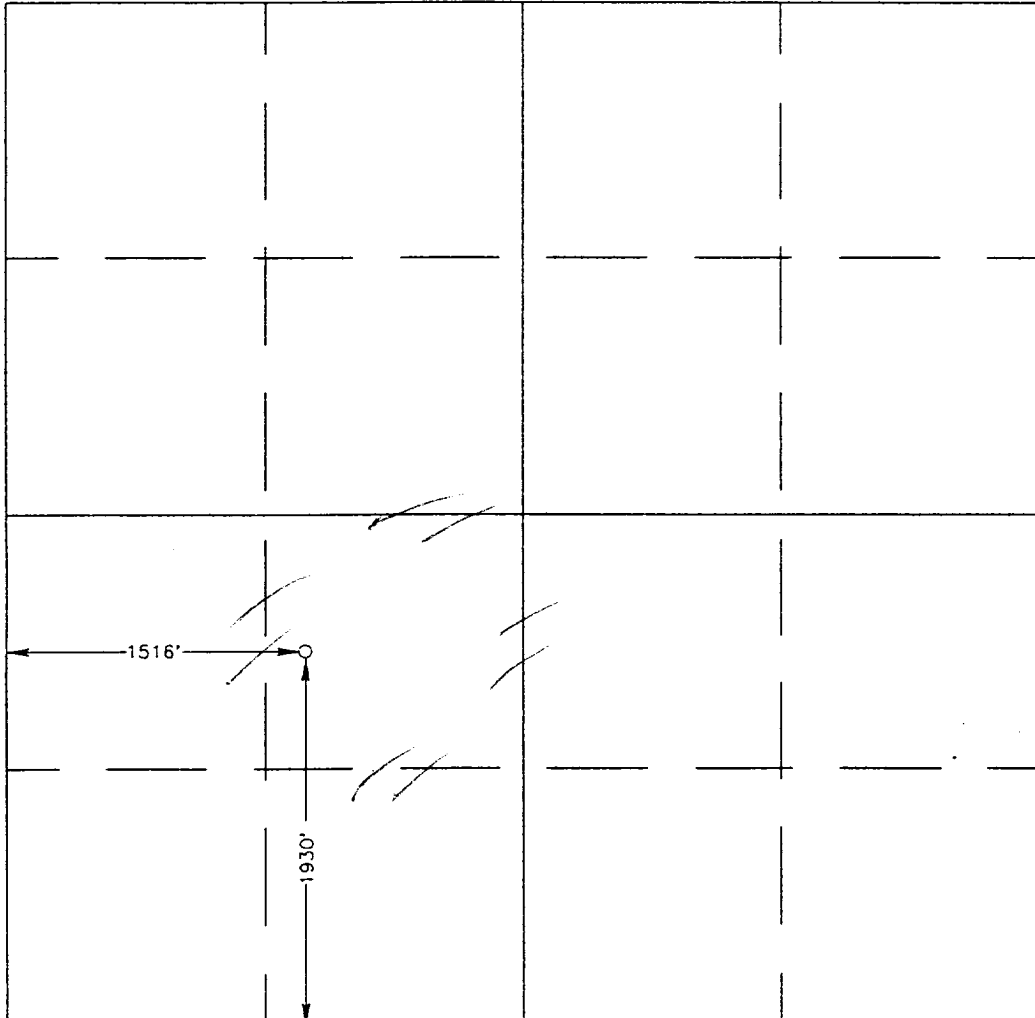
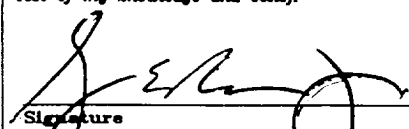
Surface Location

UL or lot No. K	Section 29	Township 17 S	Range 33 E	Lot Idn	Feet from the 1930	North/South line SOUTH	Feet from the 1516	East/West line WEST	County LEA
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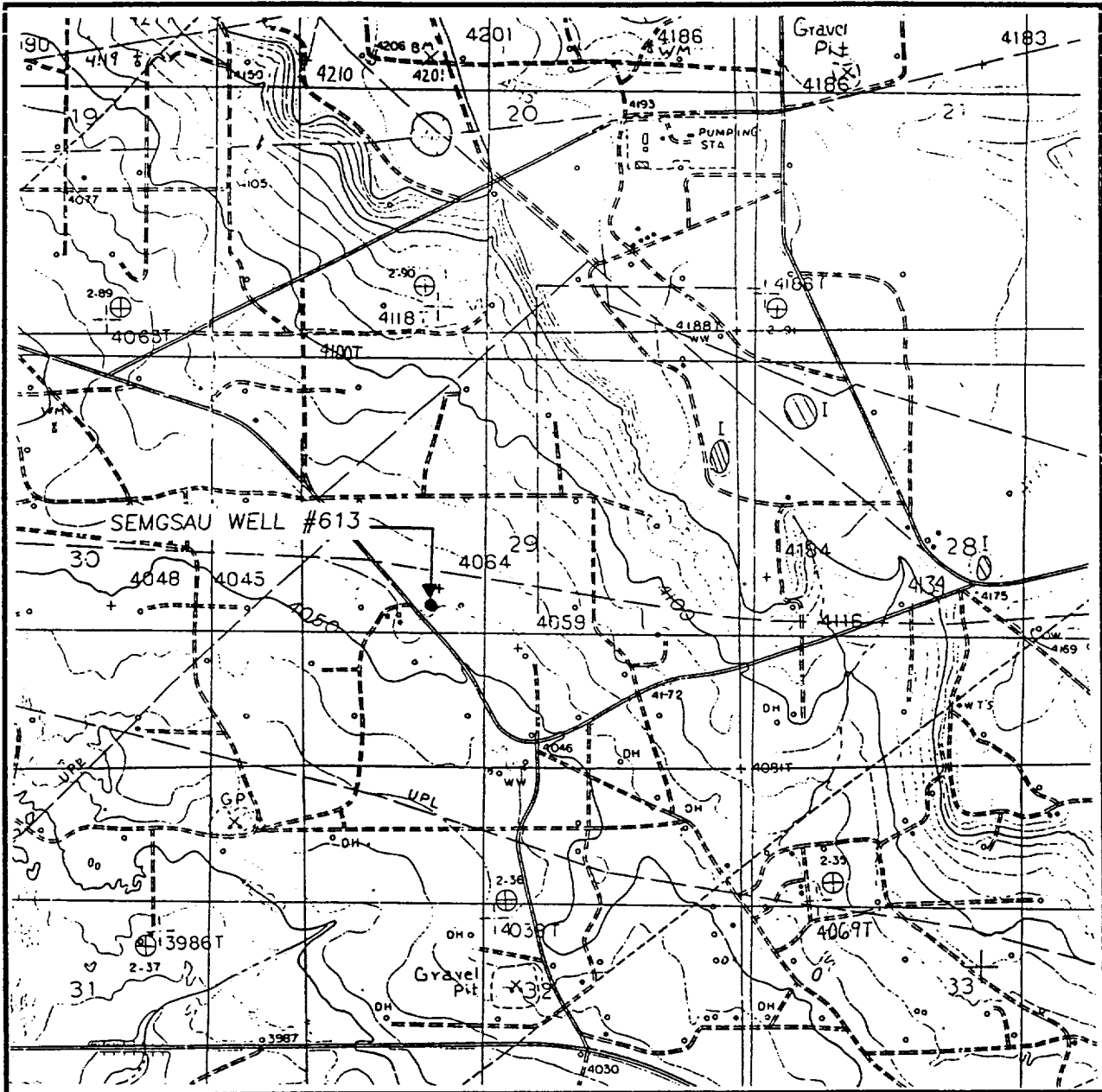
Bottom Hole Location If Different From Surface

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 Y	Consolidation Code U	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

	<h3>OPERATOR CERTIFICATION</h3> <p>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</p> <p> Signature George E. Ramsey, Jr. Printed Name Drilling Engineer Title 03/06/96 Date</p> <h3>SURVEYOR CERTIFICATION</h3> <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>FEB. 23, 1996</p> <p>Date Surveyed Signature of Seal Professional Surveyor NEW MEXICO 2-29-96 26-11-0261</p> <p>Certificate No. JOHN ROBERT 676 EIDSON 3239 EIDSON 12641</p>
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LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL:
DOG LAKE - 10'

SEC. 29 TWP. 17-S RGE. 33-E

SURVEY N.M.P.M.

COUNTY LEA

DESCRIPTION 1930' FSL & 1516' FWL

ELEVATION 4063

OPERATOR CROSS TIMBERS OPER. CO.

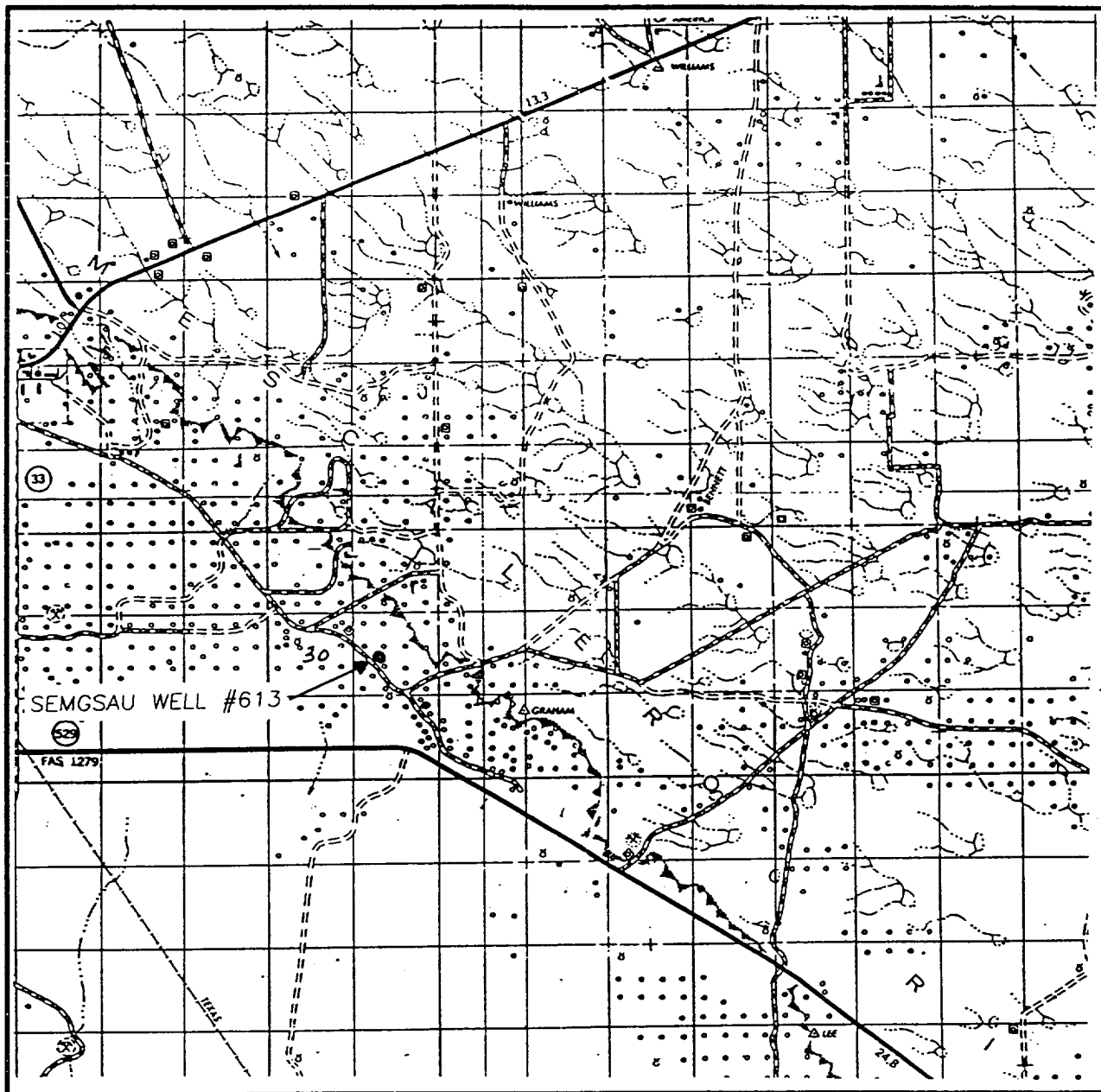
LEASE SEMGS AU

U.S.G.S. TOPOGRAPHIC MAP

DOG LAKE, N.M.

JOHN WEST ENGINEERING
HOBBS, NEW MEXICO
(505) 393-3117

VICINITY MAP



SCALE: 1" = 2 MILES

SEC. 29 TWP. 17-S RGE. 33-E

SURVEY N.M.P.M.

COUNTY LEA

DESCRIPTION 1930' FSL & 1516' FWL

ELEVATION 4063

OPERATOR CROSS TIMBERS OPER. CO.

LEASE SEMGS AU

JOHN WEST ENGINEERING
HOBBS, NEW MEXICO
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