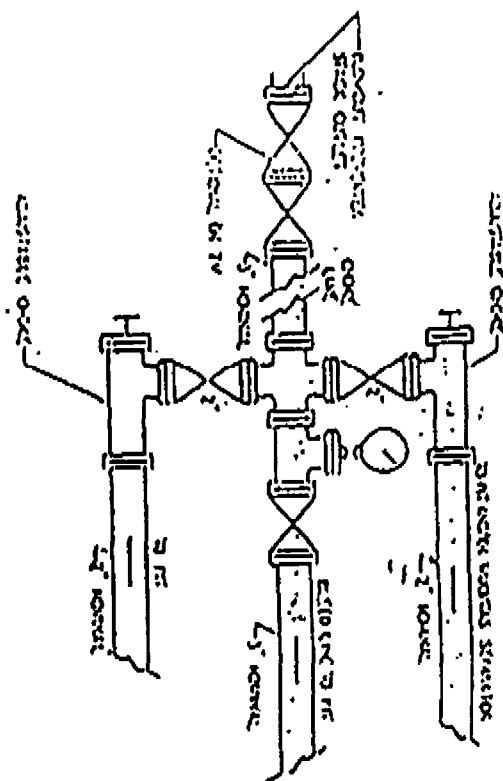
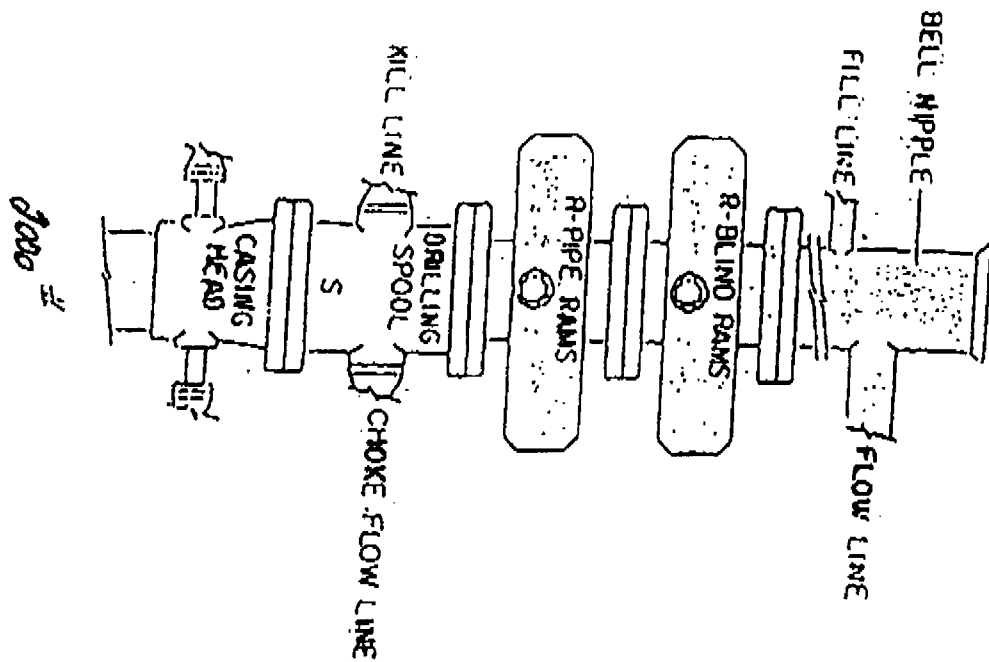
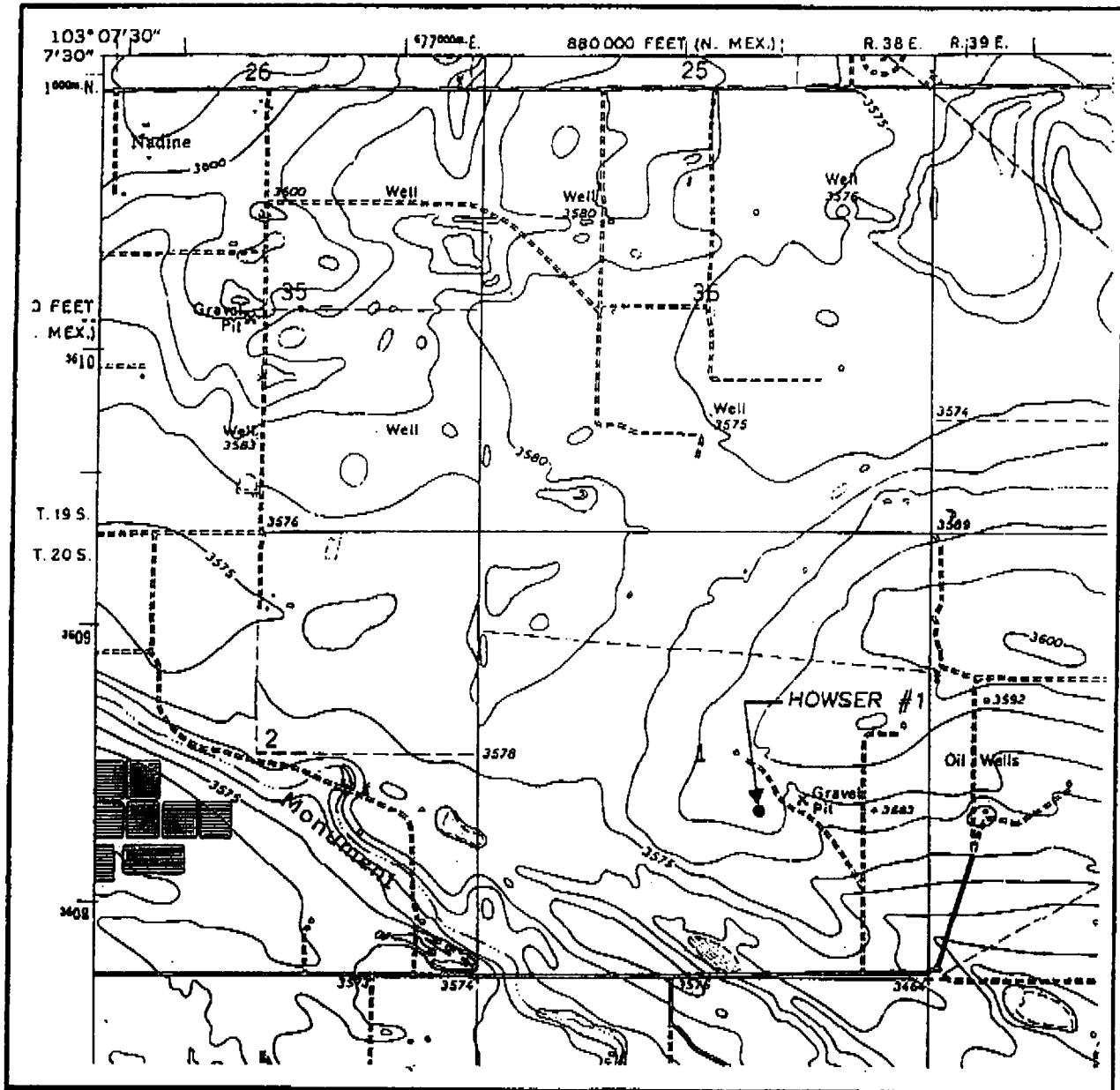




PROPOSED BOP CONFIGUREMENT

LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL:
HOBBS SE, N.M. - 5'

SEC. 1 TWP. 20-S RGE. 38-E

SURVEY N.M.P.M.

COUNTY LEA

DESCRIPTION 1980' FSL & 1980' FEL

ELEVATION 3484

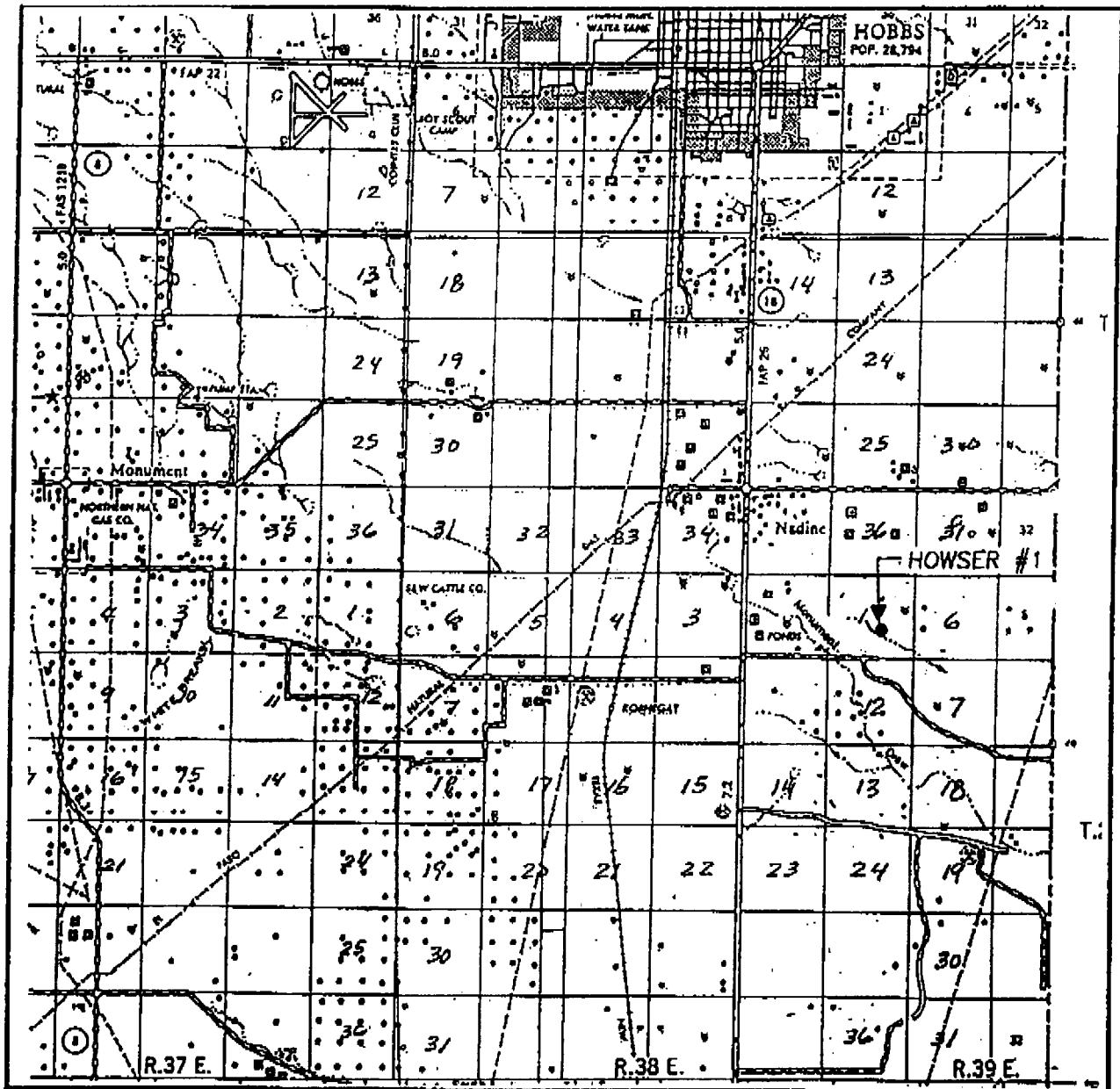
OPERATOR TRILOGY OPERATING, INC.

LEASE HOWSER

U.S.G.S. TOPOGRAPHIC MAP
HOBBS SE, N.M.

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

VICINITY MAP



SCALE: 1" = 2 MILES

SEC. 1 TWP. 20-S RGE. 38-E
 SURVEY N.M.P.M.
 COUNTY LEA
 DESCRIPTION 1980' FSL & 1980' FEL
 ELEVATION 3484
 OPERATOR TRILOGY OPERATING, INC.
 LEASE HOWSER

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

DISTRICT I
P.O. Box 1000, Hobbs, NM 88241-1000

DISTRICT II
F.O. Brewer DD, Artesia, NM 86211-0710

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

DISTRICT IV
P.O. BOX 3088, SANTA FE, N.M. 87504-3088

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
Fed Lease - 3 Copies

OIL CONSERVATION DIVISION

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-34970	Pool Code 33250	Pool Name House Drinkard	
Property Code 25435	Property Name HOWSER		Well Number 1
OGRIID No. 021602	Operator Name TRILOGY OPERATING, INC.		Elevation 3484

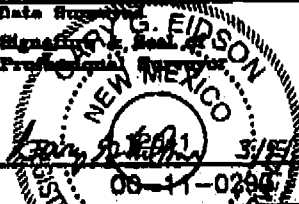
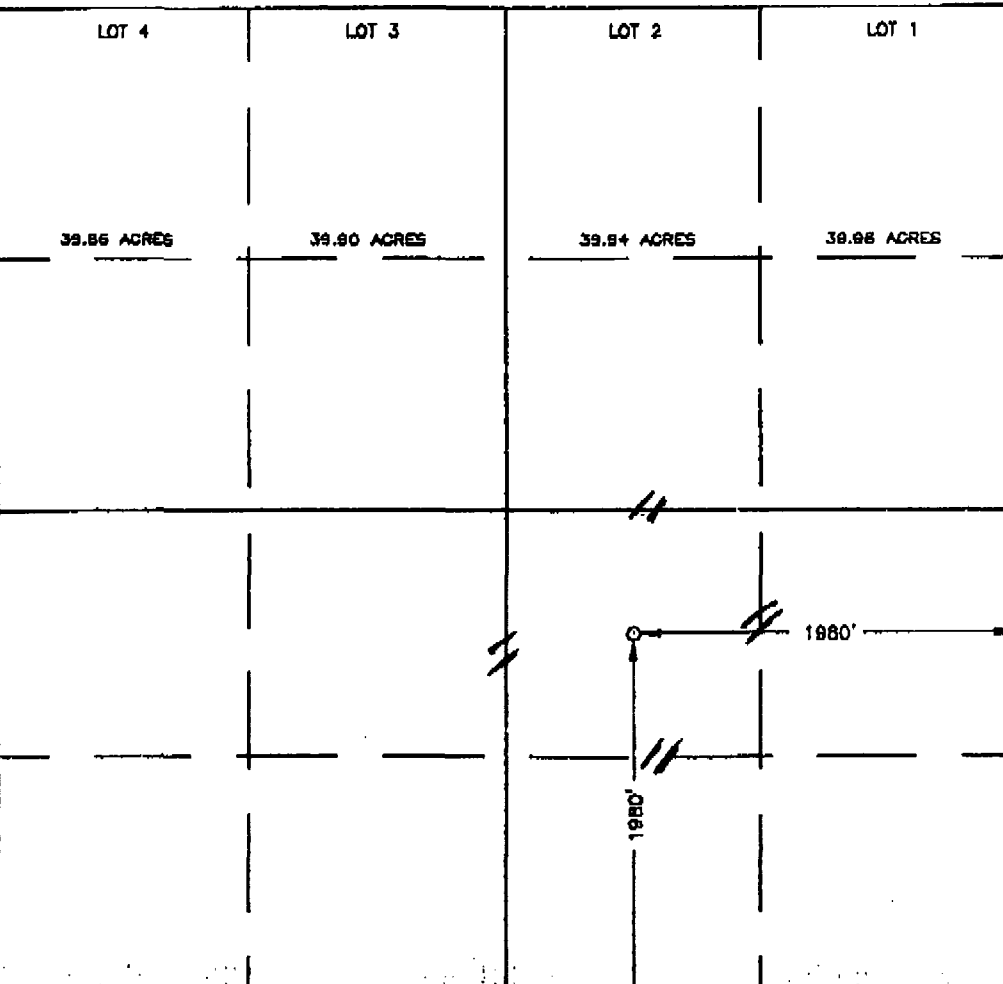
Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
J	1	20 S	38E		1980	SOUTH	1980	EAST	LEA

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres 40	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

LOT 4	LOT 3	LOT 2	LOT 1	OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. <i>Michael G. Mooney</i> Signature Michael G. Mooney Printed Name Consulting Engineer Title 3/9/00 Date
39.86 ACRES	39.80 ACRES	39.84 ACRES	39.88 ACRES	SURVEYOR CERTIFICATION 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. MARCH 7, 2000 Date Signed Signature & Seal of Professional Surveyor  Certified by: ROY G. EIDSON 2000 Professional Surveyor 12041 19105
				

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

Operator Name and Address Trilogy Operating, Inc P. O. Box 11005 Midland, Texas 79702		GRID Number 021602
		API Number 30-025-34970
Property Code 25435	Property Name Howser	Well No. 1

Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West Line	County
J	1	20S	38E		1980	South	1980	East	Lea

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
J	1	20S	38E		1980	South	1980	East	Lea
Proposed Pool 1 House Drinkard					Proposed Pool 2 Blinbry Oil & Gas				

Work Type Code N	Well Type Code O	Cable/Rotary R	Lease Type Code P	Ground Level Elevation 3484
Multiple No	Proposed Depth 7900	Formation Drinkard	Contractor Key Drilling	Spud Date 03-12-00

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	1500	450	circulate
7 7/8	5 1/2	17	7900	1600	circulate

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) Drill 12 1/4" hole w/ fresh water mud to a casing setting depth of approximately 1500'
- 2) Set 8 5/8" - 24# J55 casing @ TD and cement w/ 450 ex "c" to circulate to surface
- 3) WOC 18 hrs - Drill 7 7/8" hole w/ brine water mud to Total Depth of 7900'
- 4) Run Open Hole Logs and if prospective set 5 1/2" - 17# - N80-csg @ TD - cement w/ 1600 ex "H" & circulate to surface
- 5) If logs are non-prospective then plug & abandon as per NMOCD instructions.

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: *Michael G. Mooney*
Printed name: Michael G. Mooney

Title: Consulting Engineer

Date: 03-09-00

Phone: 915/699-1410

OIL CONSERVATION DIVISION

Approved By: *Paul Kautz*
Geologist

Title:

Approval Date:

Expiration Date: MAR 10 2000

Conditions of Approval:
Attached: ☐

33 *Ch*

R
my

Submit 3 Copies
to Appropriate
District Office

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-103
Revised 1-1-89

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

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

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

OIL CONSERVATION DIVISION

2040 Pacheco St.
Santa Fe, NM 87505

WELL API NO. 30-025-34970
Indicate Type of Lease STATE ☐ FEE ☒
State Oil & Gas Lease No
Lease Name or Unit Agreement Name Howser
Well No 1
Pool name or Wildcat House Drinkard

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)	
Type of Well OIL WELL ☒ GAS WELL ☐ OTHER ☐	
Name of Operator Trilogy Operating, Inc	Well No 1
Address of Operator P.O. Box 11005, Midland, Texas 79702	Pool name or Wildcat House Drinkard
Well Location Unit Letter J Section 1 Township 20S Range 38E NMPM Lea County Feet From The South Line and 1920 Feet From The East Line	
Elevation (Show whether DF, RKB, RT, GR, etc) 3484 GR	

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Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
 TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
 PULL OR ALTER CASING ☐
 OTHER: _____

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
 COMMENCE DRILLING OPNS. ☒ PLUG AND ANBANDONMENT ☐
 CASING TEST AND CEMENT JOB ☐
 OTHER: _____

Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

3/14/00 - Spud 12 1/4" hole w/ fresh water mud @ 11:00 PM

3/15/00 - TD surface hole @ 1507' - RIH w/ 36 jts 8 5/8" - 24# - J55 casing to a setting depth of 1507'
 Cement w/ 500 sx "c" + 4% gel + 2% CaCl2 + 200 sx "c" + 2% CaCl2 - circulated 108 sx to surface

3/17/00 - WOC 18 hrs before drilling out w/ 7 7/8" bit w/ brine mud system - BOP was tested to 3000 psi

4/03/00 - TD 7 7/8" hole @ 7900' - run open hole logs - decide to set casing

4/04/00 - RIH w/ 192 jts of 5 1/2" 15.50 & 17.00# - J55 casing to a setting depth of 7902'
 Cement w/ 1456 sx (65.35.6) class "c" + 1 1/4 #/sx celloflake + 435 sx class "h" + 0.5% FL-25
 Circulate 65 sx cement to surface

4/06/00 - RDMO Key Drilling Rig # 40 - Prepare to begin completion attempts

I hereby certify that the information above is true and complete to the best of my knowledge and belief

SIGNATURE Michael G. Mooney TITLE Consulting Engineer DATE 04-22-00
 TYPE OR PRINT NAME Michael G. Mooney TELEPHONE NO. 915/699-1410

(This space for State Use)

APPROVED BY

ORIGINAL SIGNED BY CHRIS WILLIAMS
 DISTRICT I SUPERVISOR

DATE

MAY 01 2000

CONDITIONS OF APPROVAL, IF ANY: