

District I

1625 N. French Dr., Hobbs, NM 88240

District II

1301 W. Grand Avenue, Artesia, NM 88210

District III

1000 Rio Brazos Road, Aztec, NM 87410

District IV

1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Form C-101

May 27, 2004

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Submit to appropriate District Office

☐ AMENDED REPORT

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

Operator Name and Address C. W. TRAINER 1008 W. BROADWAY HOBBS, NM 88240		OGRID Number 003474
Property Code 34736	Property Name GRAMA RIDGE state	API Number 30-025-37173
Proposed Pool 1 GRAMA RIDGE MORROW (GAS)		Proposed Pool 2

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
E	8	22S	34E		1980	N	660	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
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Additional Well Information

Work Type Code N	Well Type Code G	Cable/Rotary RATHOLE	Lease Type Code S	Ground Level Elevation 3572'
Multiple NO	Proposed Depth 14,500'	Formation MORROW	Contractor	Spud Date 03/31/05
Depth to Groundwater 31'-63'		Distance from nearest fresh water well APPROX 1000'		Distance from nearest surface water 900' FROM PECOS RIVER
Pit: Liner: Synthetic <input checked="" type="checkbox"/> 12.6 mils thick Clay <input type="checkbox"/> Pit Volume: 2000 bbls Drilling Method: Closed-Loop System <input checked="" type="checkbox"/> Fresh Water <input checked="" type="checkbox"/> Brine <input checked="" type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air <input type="checkbox"/>				

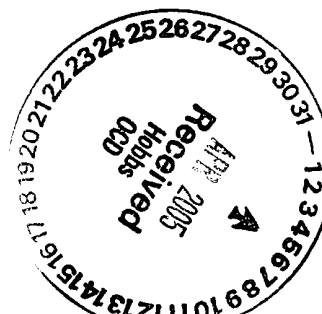
21 Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
20"	13-3/8"	48#	350'	300	CIRC
12-1/4"	9-5/8"	36 & 40#	5200'	850	CIRC
8-1/2"	7"	26#	11,500'	550	
6-1/8"	4-1/2" LINER	15 & 10#	14,500'	300	

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.

DRL W/FW TO 5,200'
DRL W/CUT BRINE & MUD TO TD.

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. I further certify that the drilling pit will be constructed according to NMOCD guidelines ☒, a general permit ☐, or an (attached) alternative OCD-approved plan ☐. *Gaye Heard*

OIL CONSERVATION DIVISION

Approved by:

Printed name: GAYE HEARD

Title:

PETROLEUM ENGINEER

Title: AGENT

Approval Date: APR 06 2005

Expiration Date:

E-mail Address: OILREPORTSINC@OILREPORTSINC.COM

Date: 04/04/05

Phone:

Conditions of Approval Attached ☐

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1220 S. ST. FRANCIS DR., SANTA FE, NM 87505

State of New Mexico

Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

1220 SOUTH ST. FRANCIS DR.
Santa Fe, New Mexico 87505

Form C-102

Revised JUNE 10, 2003

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-025-37173	Pool Code 7768D	Pool Name Grana Ridge Morrow
Property Code 34736	Property Name GRAMA RIDGE STATE	Well Number 2
OGRID No. 3474	Operator Name C.W. TRAINER	Elevation 3572'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	8	22-S	34-E		1980	NORTH	660	WEST	LEA

Bottom Hole Location If Different From Surface

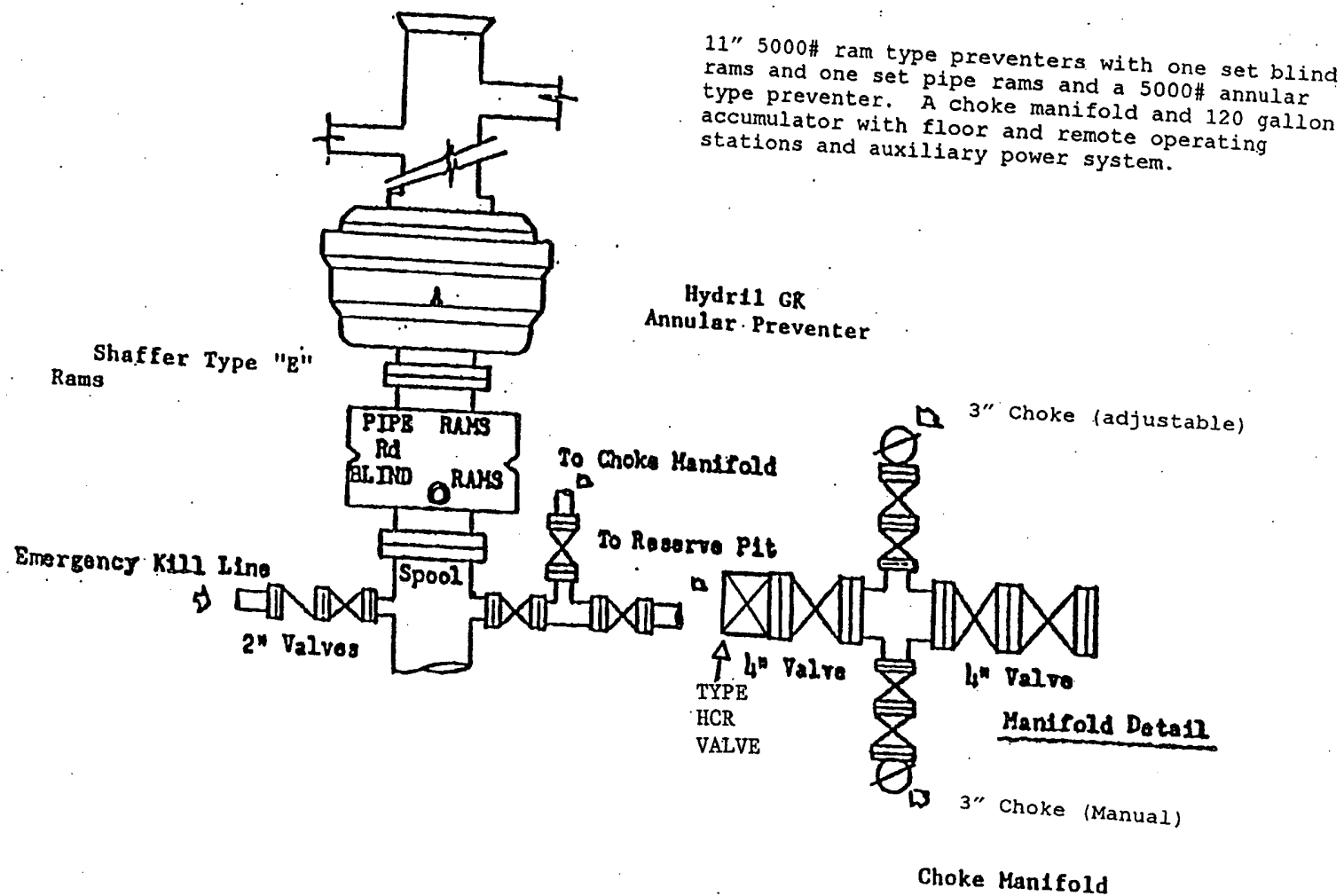
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
320			

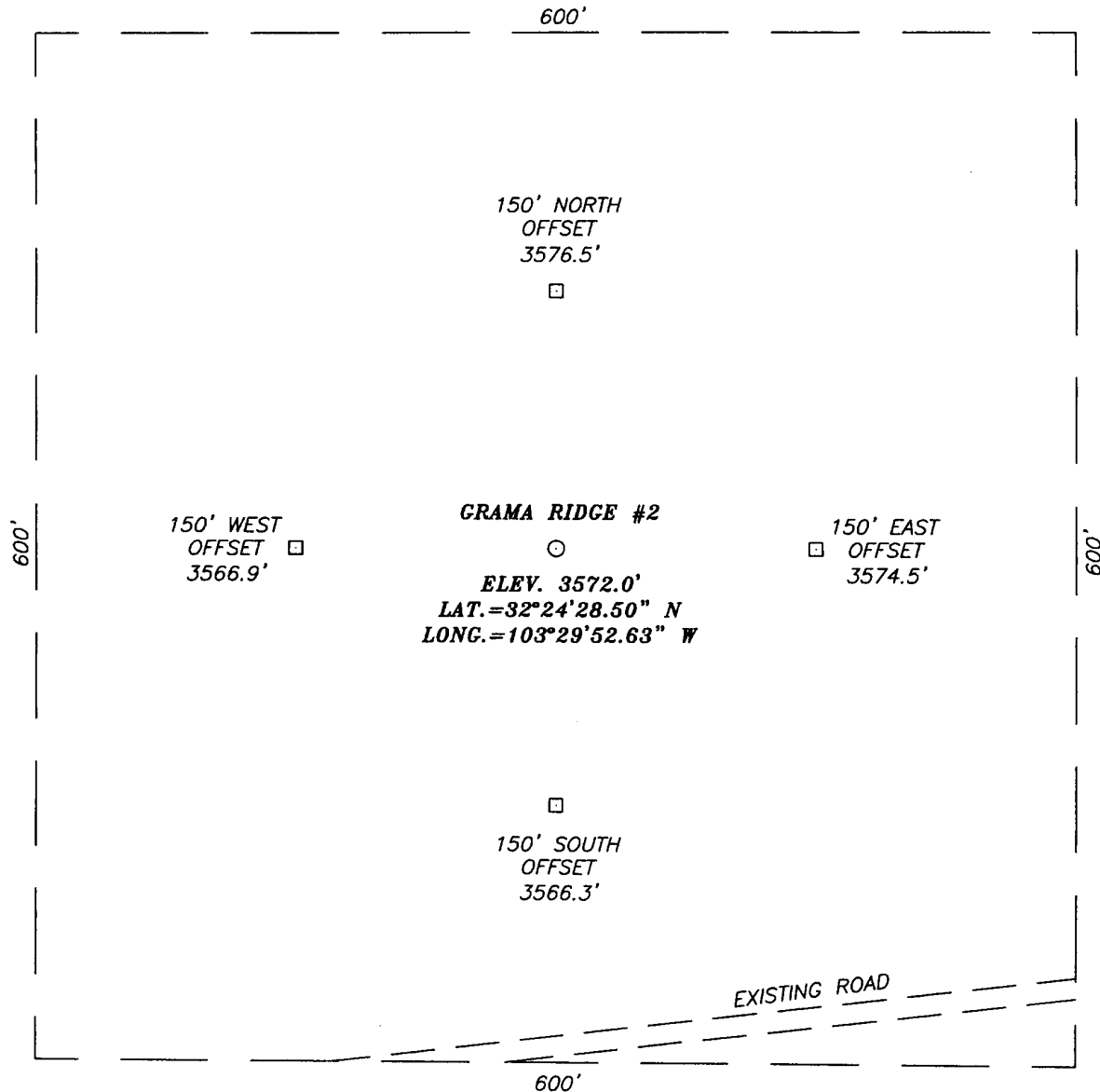
NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

	OPERATOR CERTIFICATION I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief. <i>Gaye Heard</i> Signature Gaye Heard Printed Name Agent Title 04/04/05 Date
	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 28, 2005 Date Surveyed Signature & Seal of Professional Surveyor
	DEL Certified No. GARY EIDSEN 12641

BLOWOUT PREVENTOR SCHEME

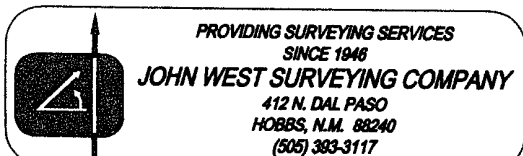
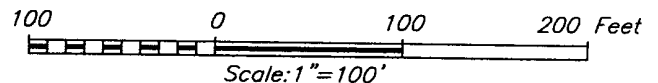


SECTION 8, TOWNSHIP 22 SOUTH, RANGE 34 EAST, N.M.P.M.,
 LEA COUNTY, NEW MEXICO



DIRECTIONS TO LOCATION

FROM THE INTERSECTION SAN SIMON ROAD AND HWY. #176. GO NW ON HWY. #176 APPROX. 0.2 MILES. TURN LEFT AND GO APPROX. 7.9 MILES TO THE EXISTING TRAINER 8 STATE #1 WELL. CONTINUE WEST APPROX. 0.6 MILES. THIS LOCATION IS APPROX. 300' NORTH OF ROAD.

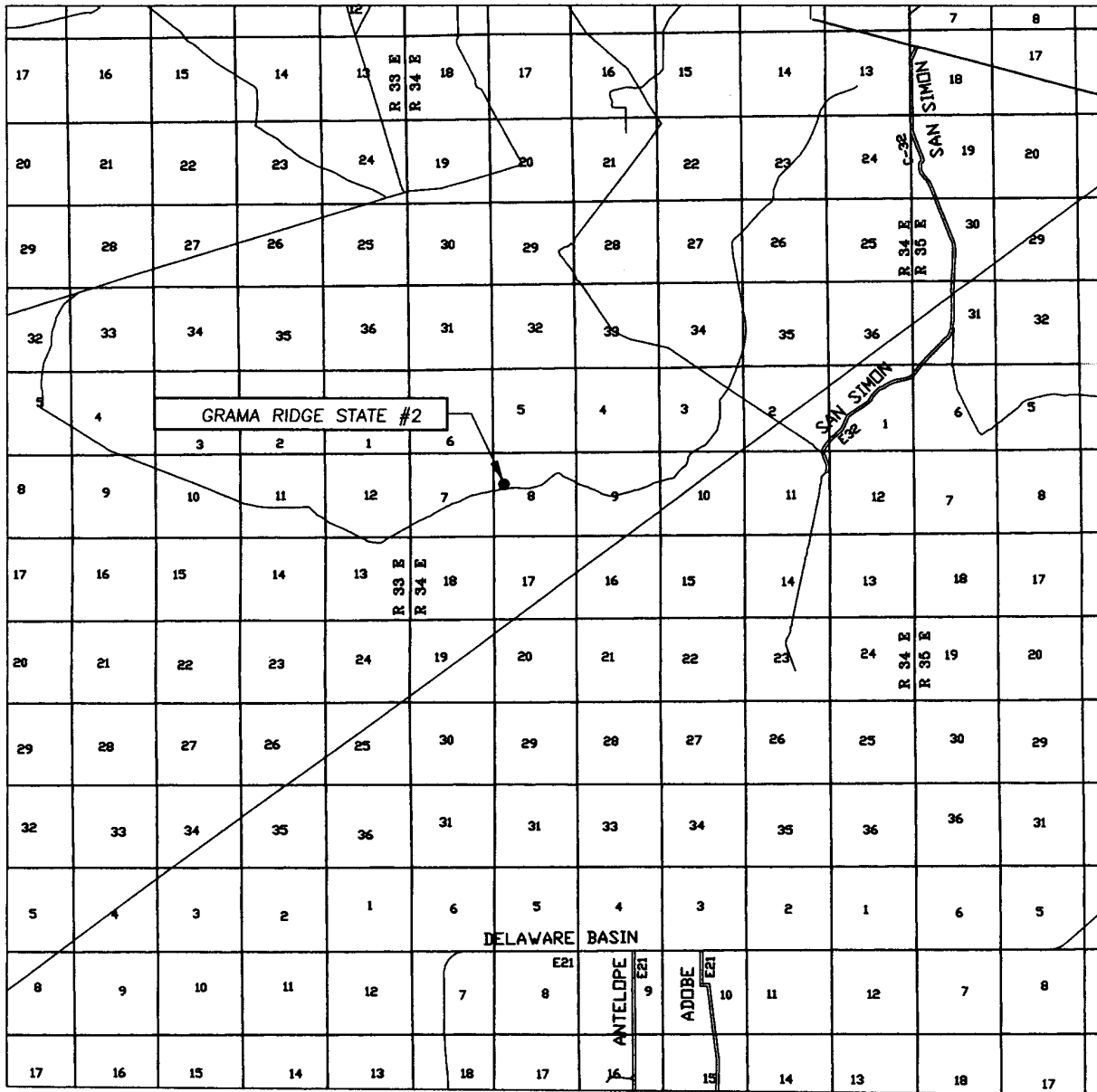


C.W. TRAINER

GRAMA RIDGE STATE #2 WELL
 LOCATED 1980 FEET FROM THE NORTH LINE
 AND 660 FEET FROM THE WEST LINE OF SECTION 8,
 TOWNSHIP 22 SOUTH, RANGE 34 EAST, N.M.P.M.,
 LEA COUNTY, NEW MEXICO.

Survey Date: 03/28/05	Sheet 1 of 1 Sheets
W.O. Number: 05.11.0499	Dr By: DEL
Date: 04/01/05	Disk: CD#4
05110499	Scale: 1"=100'

VICINITY MAP



SCALE: 1" = 2 MILES

SEC. 8 TWP. 22-S RGE. 34-E

SURVEY N.M.P.M.

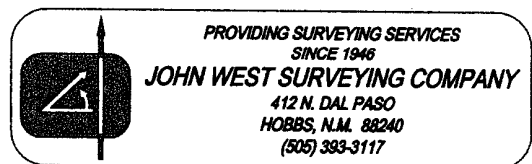
COUNTY LEA

DESCRIPTION 1980' FNL & 660' FWL

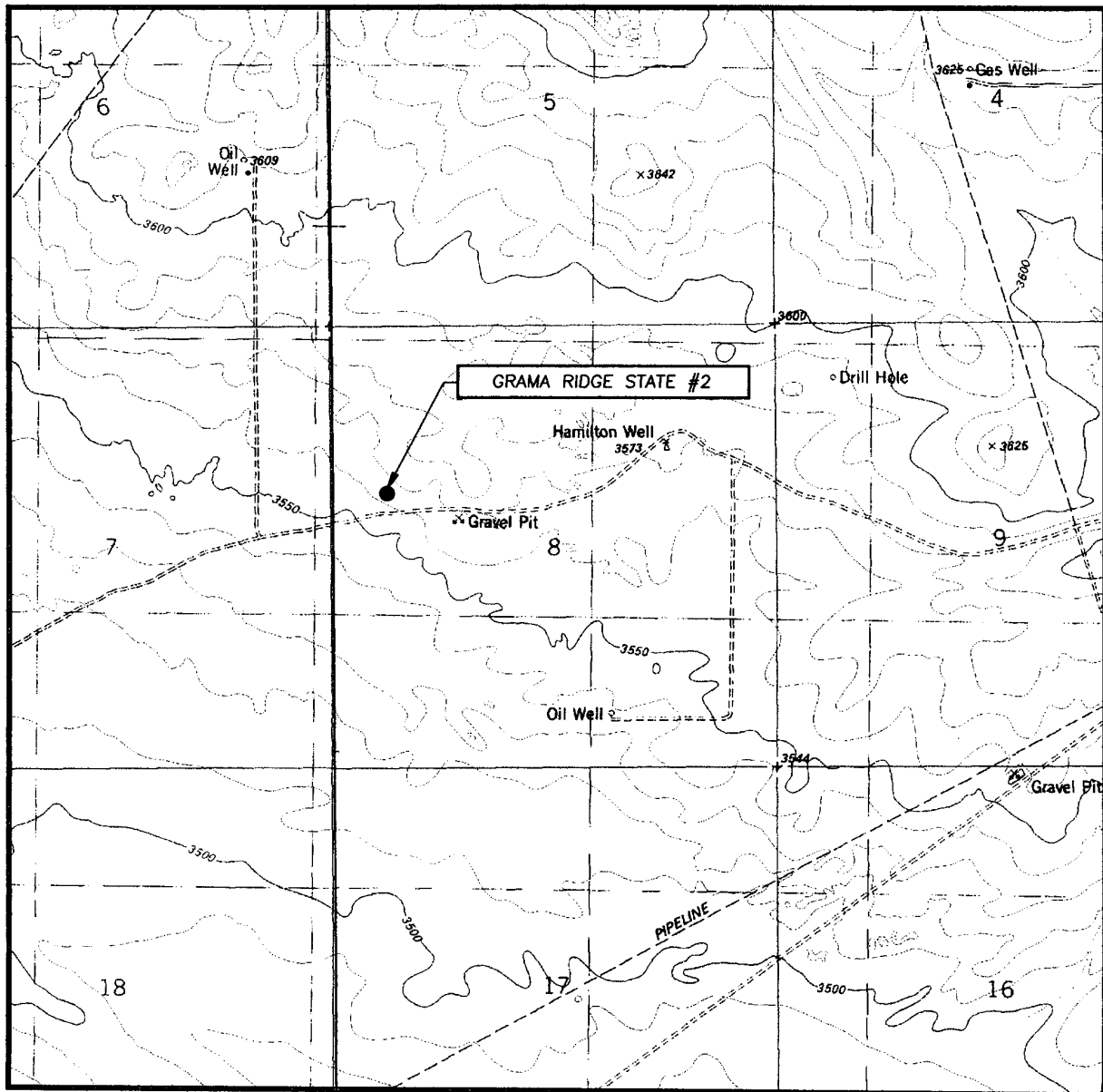
ELEVATION 3572'

OPERATOR C.W. TRAINER

LEASE GRAMA RIDGE STATE



LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

SEC. 8 TWP. 22-S RGE. 34-E

SURVEY N.M.P.M.

COUNTY LEA

DESCRIPTION 1980' FNL & 660' FWL

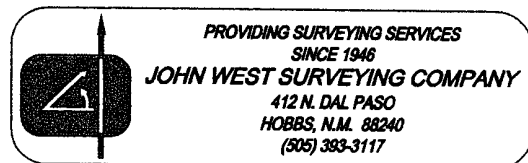
ELEVATION 3572'

OPERATOR C.W. TRAINER

LEASE GRAMA RIDGE STATE

U.S.G.S. TOPOGRAPHIC MAP
GRAMA RIDGE, N.M. & SAN SIMON RANCH, N.M.

CONTOUR INTERVAL:
GRAMA RIDGE, N.M. - 10'
SAN SIMON RIDGE, N.M. - 10'



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State of New Mexico
Energy Minerals and Natural Resources

Form C-144
June 1, 2004

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

For drilling and production facilities, submit to appropriate NMOCD District Office.
For downstream facilities, submit to Santa Fe office

Pit or Below-Grade Tank Registration or Closure

Is pit or below-grade tank covered by a "general plan"? Yes ☐ No ☒

Type of action: Registration of a pit or below-grade tank ☒ Closure of a pit or below-grade tank ☐

Operator: <u>C. W. TRAINER</u> Telephone: <u>505-393-2727</u> e-mail address: <u>oilreportsinc@oilreportsinc.com</u>		
Address: <u>c/o Oil Reports & Gas Services, Inc. 1008 W. Broadway, Hobbs, NM 88240</u>		
Facility or well name: <u>Grama Ridge #2</u> API #: <u>30-025-37123</u> U/L or Qtr/Qtr <u>E</u> Sec <u>8</u> T <u>22S</u> R <u>34E</u>		
County: <u>LEA</u> Latitude _____ Longitude _____ NAD: 1927 <input type="checkbox"/> 1983 <input type="checkbox"/> Surface Owner: Federal <input type="checkbox"/> State <input type="checkbox"/> Private <input checked="" type="checkbox"/> Indian <input type="checkbox"/>		
Pit Type: Drilling <input checked="" type="checkbox"/> Production <input type="checkbox"/> Disposal <input type="checkbox"/> Workover <input type="checkbox"/> Emergency <input type="checkbox"/> Lined <input checked="" type="checkbox"/> Unlined <input type="checkbox"/> Liner type: Synthetic <input type="checkbox"/> Thickness <u>12</u> mil Clay <input type="checkbox"/> Pit Volume <u>11,000</u> bbl <u>per GH</u>	Below-grade tank Volume: _____ bbl Type of fluid: _____ Construction material: _____ Double-walled, with leak detection? Yes <input type="checkbox"/> If not, explain why not. _____	
Depth to ground water (vertical distance from bottom of pit to seasonal high water elevation of ground water.)	Less than 50 feet (31'-63')	(20 points) 20
	50 feet or more, but less than 100 feet	(10 points)
	100 feet or more	(0 points)
Wellhead protection area: (Less than 200 feet from a private domestic water source, or less than 1000 feet from all other water sources.)	Yes APPROX. 1000'	(20 points) 0
	No	(0 points)
Distance to surface water: (horizontal distance to all wetlands, playas, irrigation canals, ditches, and perennial and ephemeral watercourses.)	Less than 200 feet	(20 points)
	200 feet or more, but less than 1000 feet	(10 points) 0 (900' from Pecos River)
	1000 feet or more	(0 points)
Ranking Score (Total Points)		20

If this is a pit closure: (1) Attach a diagram of the facility showing the pit's relationship to other equipment and tanks. (2) Indicate disposal location: (check the onsite box if your are burying in place) onsite ☐ offsite ☐ If offsite, name of facility _____. (3) Attach a general description of remedial action taken including remediation start date and end date. (4) Groundwater encountered: No ☐ Yes ☐ If yes, show depth below ground surface _____ ft. and attach sample results. (5) Attach soil sample results and a diagram of sample locations and excavations.

Additional Comments:

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that the above-described pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☒, a general permit ☐, or an (attached) alternative OCD-approved plan ☐.

Date: 04/04/2005

Printed Name/Title GAYE HEARD-AGENT

Signature Gaye Heard

Your certification and NMOCD approval of this application/closure does not relieve the operator of liability should the contents of the pit or tank contaminate ground water or otherwise endanger public health or the environment. Nor does it relieve the operator of its responsibility for compliance with any other federal, state, or local laws and/or regulations.

Approval:

Printed Name/Title PETROLEUM ENGINEER

Signature [Signature]

Date:

APR 06 2005

APR 06 2005