

DISTRICT I
1625 N. French Dr., Hobbs, NM 88240

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 8750

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

PO BOX 2088
Santa Fe, NM 87508-2088

Form C-101

Revised March 17, 1999

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, PLUG BACK, OR ADD A ZONE

¹ Operator Name and Address Yates Petroleum Corporation 105 South Fourth Street Artesia, New Mexico 88210		² OGRID Number 025575
⁴ Property Code 22552 33104	⁵ Property Name Mangas BDM State	³ API Number 30- 005-21136

⁷ Surface Location

UL or lot no. P	Section 28	Township 8S	Range 32E	Lot Idn	Feet from the 330	North/South Line South	Feet from the 380	East/West Line East	County Chaves
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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 Wildcat Undesignated Canyon					¹⁰ Proposed Pool 2				

¹¹ Work Type Code E	¹² Well Type Code O	¹³ Cable/Rotary Pulling Unit	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 4378'
¹⁶ Multiple N	¹⁷ Proposed Depth 11186'	¹⁸ Formation Cisco/Canyon	¹⁹ Contractor Undesignated	²⁰ Spud Date 7/2/04

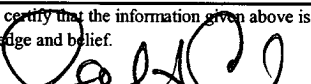

²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/feet	Setting Depth	Sacks of Cement	Estimated TOC
17 1/2"	13 3/8	48#	430'	415 sx	In Place
12 3/4"	8 5/8"	32#	3540'	1215 sx	In Place
7 7/8"	5 1/2"	20#	11186'	850 sx	7500'

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 product. Describe the blowout prevention program, if any. Use additional sheets if necessary.

SEE ATTACHED PAGE 2.

Permit Expires 1 Year From Approval
Date Unless Drilling Underway
Re-Entry

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief. Signature: 		OIL CONSERVATION DIVISION	
Printed name: Robert Asher debbiec@ypcnm.com		Approved by: 	
Title: Regulatory Agent/Land Department		Title: PETROLEUM ENGINEER	
Date: 07/01/04	Phone: (505) 748-1471	Approval Date: JUL 16 2004	Expiration Date:
		Conditions of Approval	Attached <input type="checkbox"/>

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

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised August 15, 2000

Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-005-2113	² Pool Code ✓	³ Pool Name Wildcat Canyon
⁴ Property Code 33104	⁵ Property Name Mangas BDM State	⁶ Well Number 1
⁷ OGRID No. 025575	⁸ Operator Name Yates Petroleum Corporation	⁹ Elevation 4378'

¹⁰ Surface Location

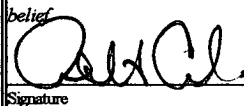
UL or lot no. P	Section 28	Township 8S	Range 32E	Lot Idn	Feet from the 330	North/South line South	Feet from the 330	East/West line East	County Chaves
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¹¹ Bottom Hole Location If Different From Surface

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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¹² Dedicated Acres 320.42	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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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

¹⁶					¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.  Signature Robert Asher Printed Name Regulatory Agent Title 7/1/2004 Date ¹⁸ 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. Date of Survey Signature and Seal of Professional Surveyor: REFER TO ORIGINAL PLAT. Certificate Number

VA-2705

330'

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

DISTRICT III
1000 Rio Bravo Rd., Astec, NM 87410

OIL CONSERVATION DIVISION

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

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 3D-005-21136		Pool Code 96639	Pool Name Childs Fasselman	
Property Code 16917	Property Name STATE 28			Well Number 1
OCRID No. 873	Operator Name APACHE CORP.			Elevation 4364'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	28	8 S	32 E		330	SOUTH	330	EAST	CHAVES

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.						

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

<div>APACHE CORP. 40 ACRES</div> <div>330'</div>		OPERATOR CERTIFICATION <i>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</i> <div><div><i>Douglas H. Adams</i></div><div>Signature</div><div><i>Douglas H. Adams</i></div><div>Printed Name</div><div><i>Proj. Eng. Tech.</i></div><div>Title</div><div><i>03-30-95</i></div><div>Date</div></div>	
		SURVEYOR CERTIFICATION <i>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.</i> <div><div><i>JUNE 30, 1994</i></div><div>Date Surveyed</div><div><i>[Signature]</i></div><div>Signature & Seal of Professional Surveyor</div><div><i>W.O. Num 94-11-1154</i></div><div>W.O. Num</div><div><div>Certificate No. JOHN W. WEST, 676 RONALD J. EDSON, 3239 GARY L. JONES, 7977</div></div></div>	

YATES PETROLEUM CORPORATION

Mangas BDM State #1 Re-entry

330' FSL & 330' FWL

Section 28-T8S-R32E

Chaves, New Mexico

Lease # VA-2705

Yates Petroleum Corporation plans to re-enter this well bore that was originally drilled by Apache Corporation as the State 28 No. 1 well. The well was plugged and abandoned on 6/5/1995. Yates plans to use a pulling unit and a reverse unit to drill out the cement plugs in the 8 5/8" casing to 3500', then continue in hole drilling out plugs in the 7 7/8" open hole to the original TD @ 11,186'. At that point, 5 1/2" casing will be run and cemented to approximately 7500' with +/- 850 sx. The well will be completed with a pulling unit in the Canyon/Cisco @ 9445' and/or Bough @ 8550' to 9100'. The mud program will be 9.2 – 9.5 ppg brine water with viscosity of 55-70 cp. A 3000# BOPE will be installed on the 8 5/8" casing.

Well Name: State 28 No. 1 Field: _____

Location: 330' FSL & 330' FEL Sec. 28-8S-32E Lea County, NM

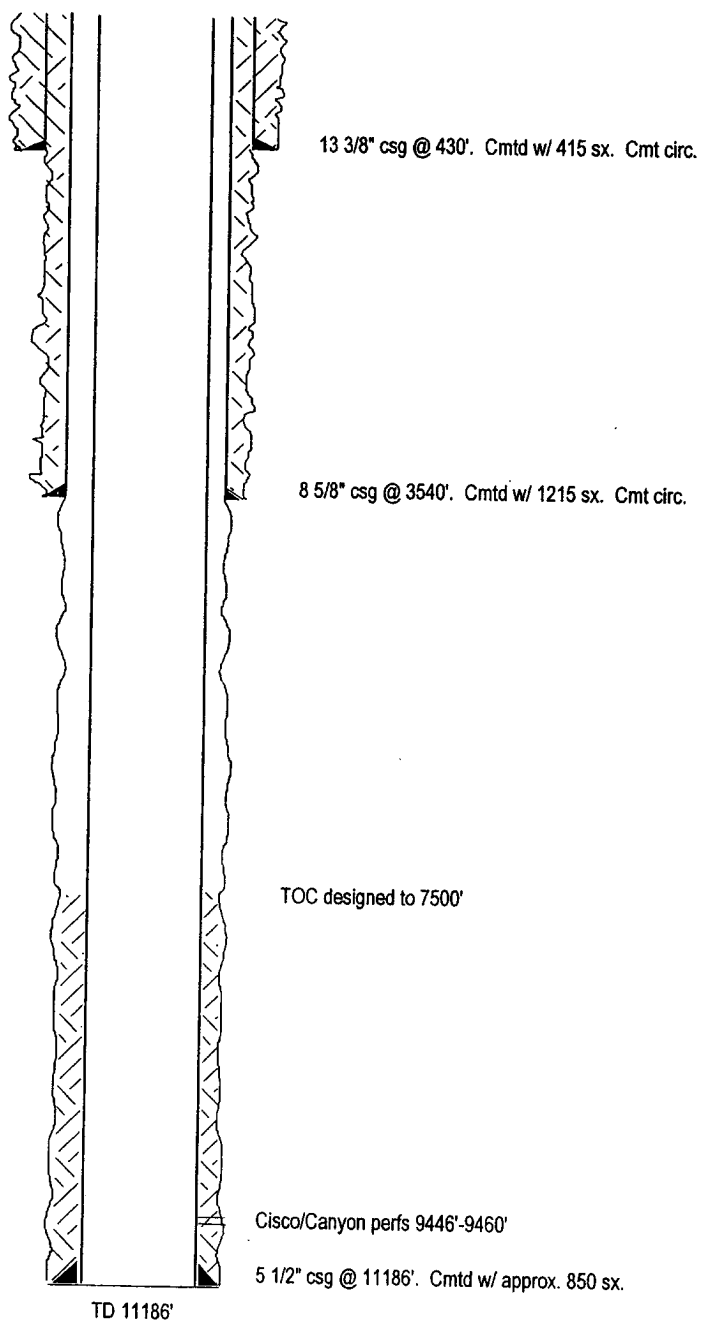
GL: 4378' Zero: _____ AGL: _____ KB: 4364'

Spud Date: _____ Completion Date: _____

Comments: Well originally drilled by Apache Corp. D&A'd in 6/95

Casing Program	
Size/Wt/Grade/Conn	Depth Set
13 3/8" 48# H40	430'
8 5/8" 32# K55	3540'
5 1/2" 17 & 20# N80 & J55	11186'

PROPOSED CONFIGURATION



SKETCH NOT TO SCALE

DATE: 10/20/03

Well Name: State 28 No. 1 Field: _____

Location: 330' FSL & 330' FEL Sec. 28-8S-32E Lea County, NM

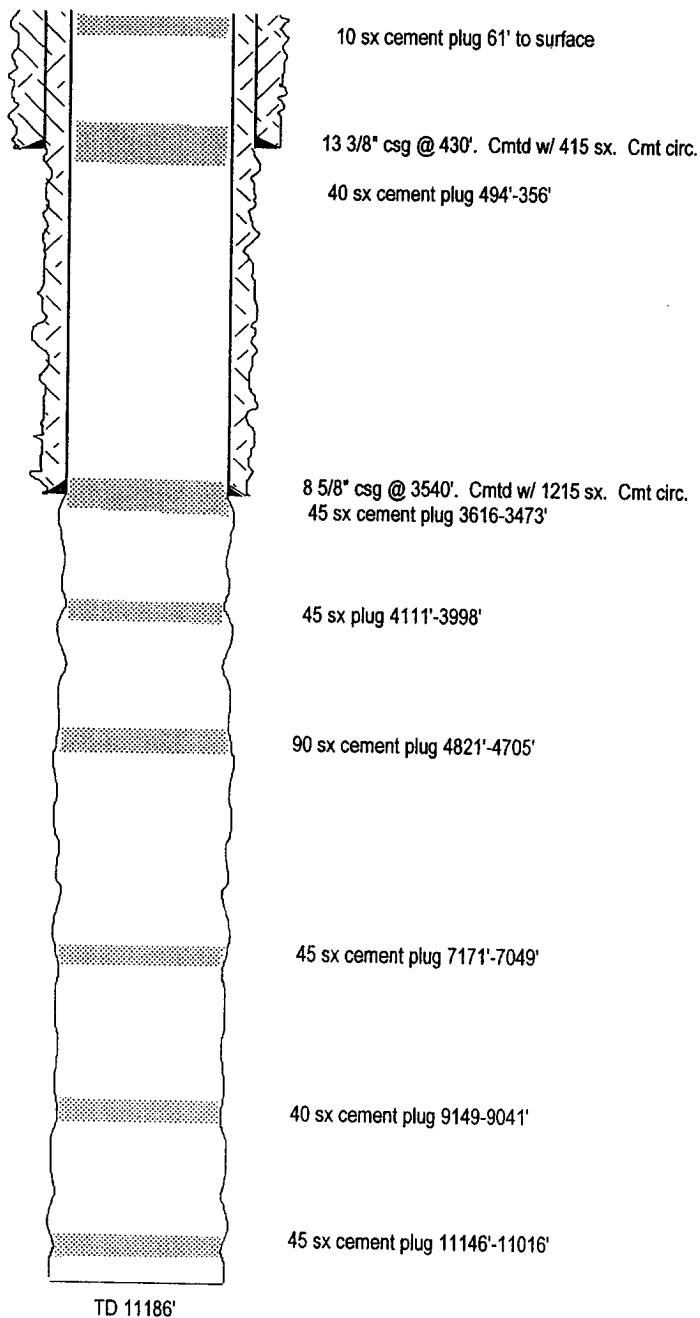
GL: 4378' Zero: _____ AGL: _____ KB: 4364'

Spud Date: _____ Completion Date: _____

Comments: Well originally drilled by Apache Corp. D&A'd in 6/95

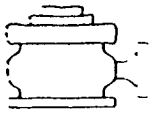
Casing Program	
Size/Wt/Grade/Conn	Depth Set
13 3/8" 48# H40	430'
8 5/8" 32# K55	3540'

CURRENT CONFIGURATION

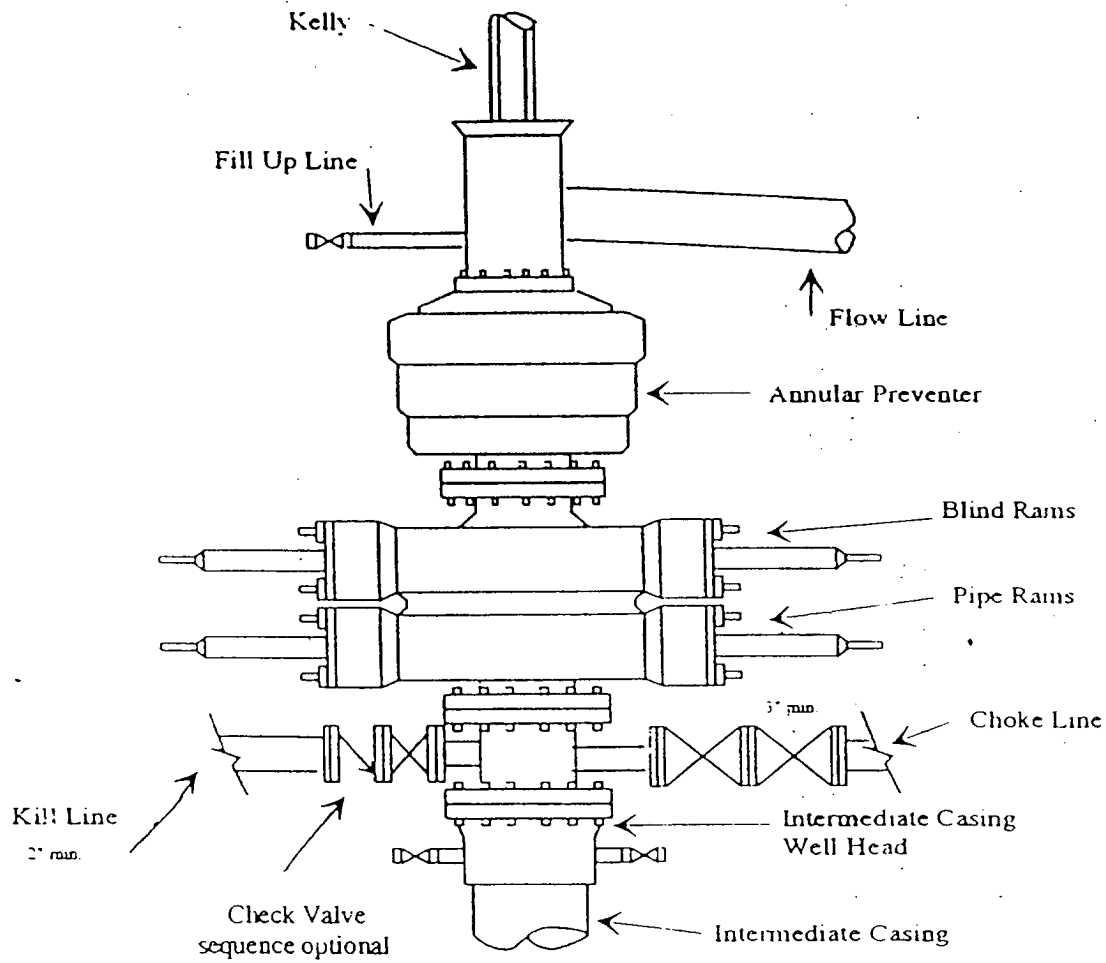


SKETCH NOT TO SCALE

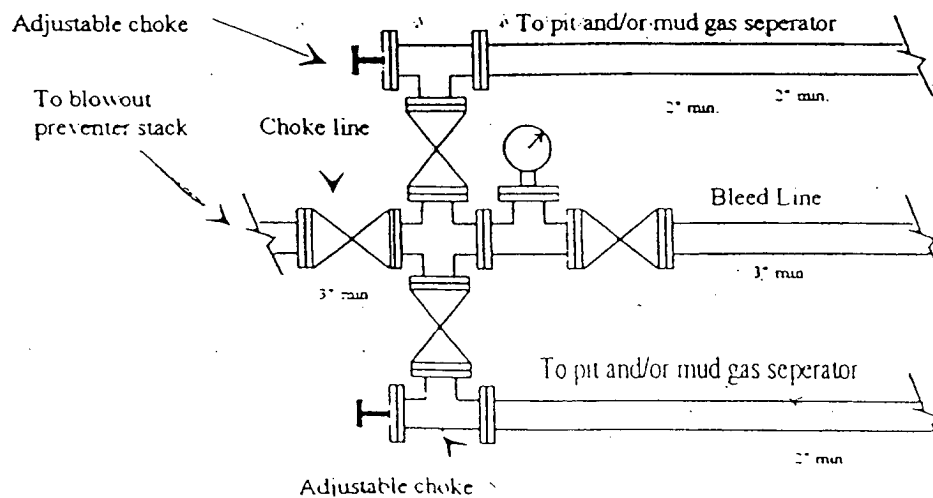
DATE: 10/20/03



Typical 3,000 psi Pressure System
Schematic
Annular with Double Ram Preventer Stack



Typical 3,000 psi choke manifold assembly with at least these minimum features



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State of New Mexico
Energy Minerals and Natural Resources

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

Form C-144
March 12, 2004

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 ☒ CheckBox1 of action: Registration of a pit or below-grade tank ☐ Closure of a pit or below-grade tank ☐

Operator: Yates Petroleum Corporation Telephone: 505-748-1471 e-mail address: debbiec@ypcnm.com
Address: 105 South Fourth Street, Artesia, NM 88210
Facility or well name: Mangas BDM State #1 API #: _____ U/L or Qtr/Qtr P Sec 28 T 8S R 32E
County: Chaves Latitude _____ Longitude _____ NAD: 1927 ☐ 1983 ☐ Surface Owner Federal ☒ State ☐ Private ☐ Indian ☐

Pit	Below-grade tank	
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"/> Volume _____ bbl	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	(20 points)
	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	(20 points)
	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)
	1000 feet or more	(0 points)
Ranking Score (Total Points)		0

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: 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.

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: _____

Printed Name/Title Robert Asher/Regulatory Agent

Signature [Signature]

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.

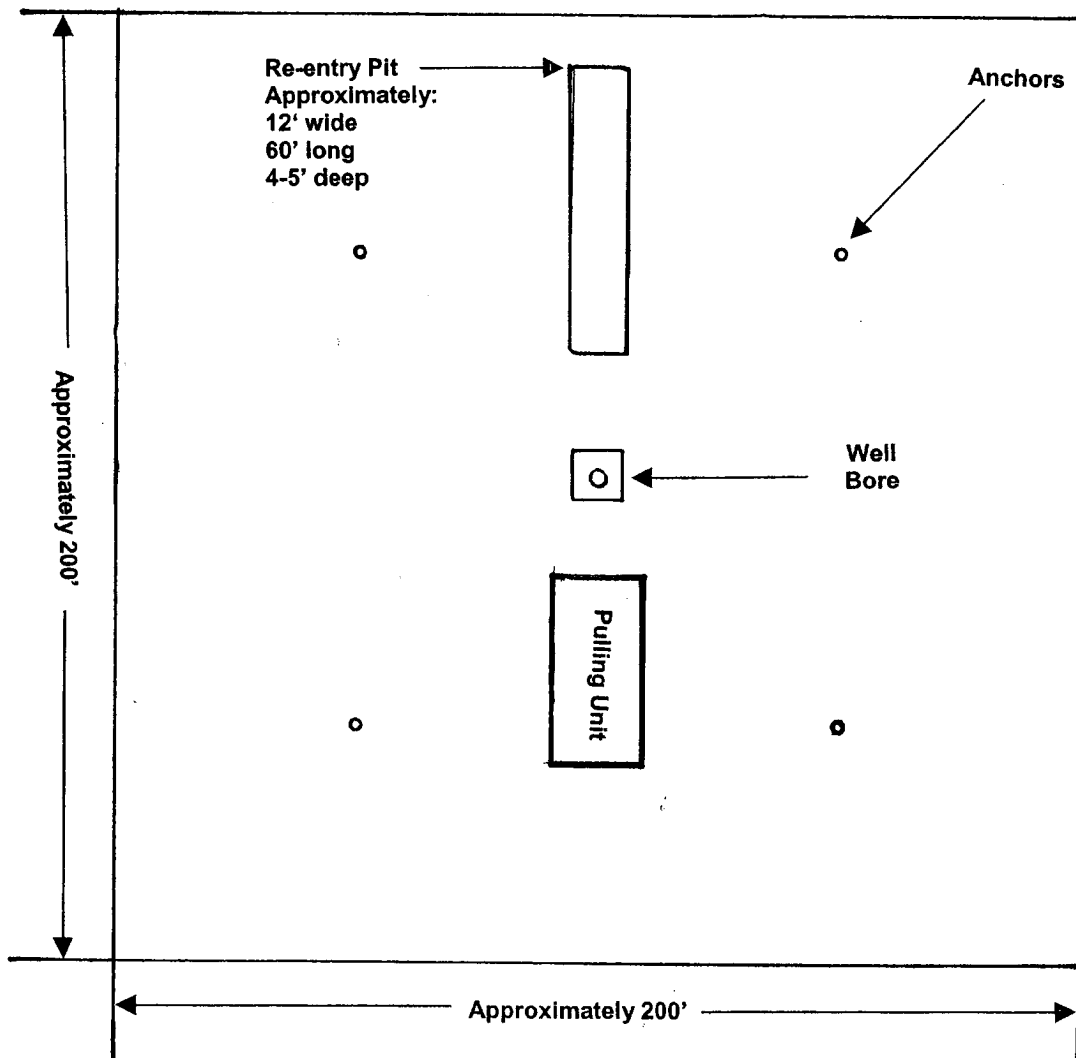
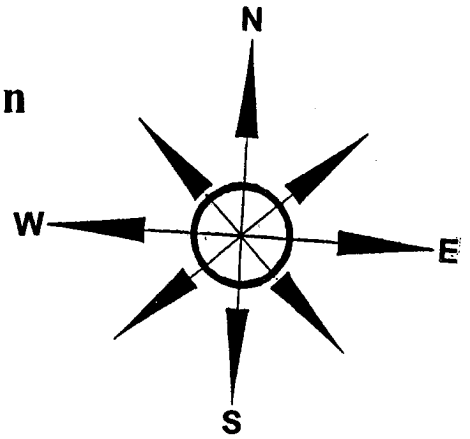
Approval:

Date: 7/9/04

Printed Name/Title Mike Brakker/Compliance Officer

Signature [Signature]

Yates Petroleum Corporation



Mangas BDM State #1
330' FSL and 330' FEL
Section 28, T8S-R32E
Chaves County, New Mexico

The re-entry pit will be to the north and 60' north of the well. The pit will be approximately 12' wide and 60' long and 4 to 5' deep. The pit will be lined with a 12 mil liner.