Form 3160-3\* (September 2001)

# Oil Cons. N.M. DIV-Dist. 2

1301 W. Grand Avenue UNITED STATES Artesia, NM 88210

FORM APPROVED OMB No. 1004-0136 Expires January 31, 2004

DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT** 

5. Lease Serial No.

NM 97147 Dm G6834

APPLICATION FOR PERMIT TO DI	APPLICATION FOR PERMIT TO DRILL OR REENTER  6. If Indian, Allottee or Tribe Name					
la. Type of Work: DRILL REENTE	· · · · · · · · · · · · · · · · · · ·	7. If Unit or CA Agreement, Name and No.				
1b. Type of Well: Oil Well Gas Well Other	☑ :	Single Zone 🔲 Mul	ltiple Zone	8. Lease Name and Well No Roundy-Round Federal		
Name of Operator     Marbob Energy Corporation				9. API Well No. 30 -015-3	3142	
3a. Address	3b. Phone N	lo. (include area code)		10. Field and Pool, or Explo	oratory	
PO Box 227, Artesia, NM 88211-0227	505-748-3	303 Fax 746-2523		Carlebad Merrow		
4. Location of Well (Report location clearly and in accordance with a	any State requ	iirements. *)		11. Sec., T., R., M., or Blk.	and Survey or Area	
At surface 1650' FSL & 660' FEL, Unit I						
At proposed prod. zone same Undes. Has	ppy Va	Hey Morno	w	Sec. 32, T21S, R26E		
14. Distance in miles and direction from nearest town or post office*		3,		12. County or Parish	13. State	
		ž		Eddy	NM	
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any)	16. No. of a	Acres in lease		g Unit dedicated to this well	ŧ	
18. Distance from proposed location*	19. Propose	ad Danth	E/2	NA D. 137		
to nearest well, drilling, completed, applied for, on this lease, ft.	19. Propose	ей Бериі	20. BLM/E	BIA Bond No. on file		
21. Elevations (Show whether DF, KDB, RT, GL, etc.)	22. Approx	imate date work will	start*	23. Estimated duration		
3260' GL	November	15, 2003		21 days		
		chments		BAD CONTROLLED W	ATER BASIN	
The following, completed in accordance with the requirements of Onshor	re Oil and Gas	Order No.1, shall be a	ttached to this	s form:		
<ol> <li>Well plat certified by a registered surveyor.</li> <li>A Drilling Plan.</li> <li>A Surface Use Plan (if the location is on National Forest System).</li> <li>SUPO shall be filed with the appropriate Forest Service Office).</li> </ol>	Lands, the	Item 20 above) 5. Operator certific 6. Such other site	cation. specific info	s unless covered by an existi rmation and/or plans as may	,	
		authorized offic	er.			
25. Signaturé / Manie Harker		(Printed/Typed) nie J. Parker		Date 10/1	0/03	
Title Title			·			
and Department						
Approved by (Signature) /s/ Joe G. Lara	Name	(Printed/Typed)	/s/ Joe G	Lara	1 DEC 2003	

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct APPROVAL FOR 1 YEAR operations thereon.

Office

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*(Instructions on reverse)

Title ACTING

APPROVAL SUBJECT TO GENERAL REQUIREMENTS AND SPECIAL STIPULATIONS **ATTACHED** 

FIELD MANAGER

RECEIVED DEC 1 1 2003 OCD-ARTESIA

**CARLSBAD FIELD OFFICE** 

DISTRICT, I P.O. Box 1980, Hobbs, NM 68241-1980

#### 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

### OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

DISTRICT IV WELL LOCATION AND ACREAGE DEDICATION PLAT P.O. BOX 2068, SANTA FE, N.M. 87504-2088

☐ AMENDED REPORT

API Number	Pool Code	Pool Nam	le .
İ	73960	CARLSBAD MORROW	
Property Code	ROUNDY-	Well Number	
ogrid No. 14049		perator Name RGY CORPORATION	Elevation 3260'

#### Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
I	32	21-S	26-E		1650	SOUTH	660	EAST	EDDY

#### 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 Acre	s Joint o	r Infill Co	nsolidation (	Code Or	der No.			• • • • • • • • • • • • • • • • • • • •	

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

	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.
	Signature Signature
	Melanie J. Parker Printed Name
}	Land Department Title
j	October 14, 2003  Date
41.28 AC	SURVEYOR CERTIFICATION
LOT 2	GEODETIC COORDINATES  NAD 27 NME  Y = 521352.7  X = 507735.5  A hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervison, and that the same is true and correct to the best of my belief.
41.86 AC.	LAT. 32'25'59.91"N LONG. 104'18'29.74"W  SEPTEMBER 19, 2003  Date Surveyed
	3261.1 Signature & Geal (D) Professional Surveyor
	103.11.1046 03.11.1046
	Certificate. No. RONALD CO EIDSON 3239  Certificate. No. RONALD CO EIDSON 12641

# MARBOB ENERGY CORPORATION DRILLING AND OPERATIONS PROGRAM

## Roundy-Round Federal #1 1650' FSL & 660' FEL Section 32, T21S, R26E Eddy County, New Mexico

In conjunction with Form 3160-3, Application for Permit to Drill subject well, Marbob Energy Corporation submits the following ten items of pertinent information in accordance with BLM requirements.

- 1. The geological surface formation is Permian.
- 2. The estimated tops of geologic markers are as follows:

Yates	350′	Wolfcamp	8380'
Seven Rivers	640'	Strawn	9720'
Reef	960'	Atoka	10200'
Delaware	2070'	Morrow	10775′
Bone Spring	4525'	TD	11300′

3. The estimated depths at which anticipated water, oil or gas formations are expected to be encountered:

Reef	960'	Water
Delaware	2070'	Oil
Wolfcamp	8380'	
Strawn	9720'	Gas
Atoka	10200'	
Morrow	10775′	

No other formations are expected to give up oil, gas, or fresh water in measurable quantities. The surface fresh water sands will be protected by setting 20" casing at 300' and circulating cement back to surface. Any shallower zones above TD which contain commercial quantities of oil and/or gas will have cement circulated across them by inserting a float shoe joint into the 5 1/2" production casing which will be run at TD to sufficiently cover all known oil and gas horizons above 200'.

4. Proposed Casing Program:

Hole	Size	Interval	OD Casing	Wt	Grade	
17	7 1/2"	0 – 300′	* 13 3/8"	48#	H-40	WITNESS
		0-1700'2		36#	J-55	WITNESS
8	3 3/4"	0 <b>- 8900</b> °8	500' <b>7"</b>	23#	P110 & N-80	
6	5 1/8"	0 - 11300'	4 1/2"	11.6#	P-110 LT&C	

#### **Proposed Cement Program:**

13 3/8" Surface Casing:

Cement w/ 700 sx cmt. Circulate to surface.

9 5/8" Intermediate Casing: Cement w/ 900 sx cmt. Circulate to surface.

7" Intermediate Casing:

Cement w/ 1200 sx cmt. Attempt to tie in to \$\% 5/8" csg.

4 1/2" Production Casing:

Cement w/ 700 sx cmt. Attempt to tie in to 7" csg.

- 5. Pressure Control Equipment: See Exhibit 1.
- 6. Mud Program: The applicable depths and properties of this system are as follows:

Depth	Туре	Weight (ppg)	Viscosity (sec)	Waterloss (cc)	*
0 <b>– ,300'</b> 207	o'Fresh Wtr	8.4 – 9.2	32 – 36	N.C.	-
<del>300 - 1700'</del>	Brine	<del>9.9 - 10.2</del>	<del>28 - 32</del>	N.C.	
<del>1700 - 8900'</del>	Fresh Wtr	<del>8.4 – 8.6</del>	<del>28 - 32</del>	N.C.	
2070 <b>´.8900 - 11300′</b>	Cut Brine	8.7 – 9.5	28 – 34	N.C.	

\* Sundry 10/24/03

- 7. Auxiliary Equipment: Kelly Cock; Sub with full opening valve on floor; and drill pipe connections.
- 8. Testing, Logging and Coring Program:

No drillstem tests are anticipated.

The electric logging program will consist of Dual Laterolog Micro SFL, Spectral Density Dual Spaced Neutron Csng Log, and Depth Control Log. No conventional coring is anticipated.

- 9. No abnormal pressures or temperatures are anticipated.
- 10. Anticipated starting date: As soon as possible after approval.

# MARBOB ENERGY CORPORATION MULTI-POINT SURFACE USE AND OPERATIONS PLAN

# Roundy-Round Federal #1 1650' FSL & 660' FEL Section 32, T21S, R26E Eddy County, New Mexico

This plan is submitted with Form 3160-3, Application for Permit to Drill, covering the above described well. The purpose of this plan is to describe the location of the proposed well, the proposed construction activities and operations plan, the magnitude of the surface disturbance involved and the procedures to be followed in rehabilitating the surface after completion of the operations, so that a complete appraisal can be made of the environmental effect associated with the operations.

#### 1. EXISTING ROADS:

Exhibit 2 is a portion of a topo map showing the well and roads in the vicinity of the proposed location. The proposed wellsite and the access route to the location are indicated in red on Exhibit 2.

#### **DIRECTIONS:**

At Happy Valley Park, proceed west on Jones Road (CR-427) for 1.7 miles. Turn north on Bitter Cherry Road (CR-427) and proceed .6 miles. Location and access road are on north side.

#### 2. PLANNED ACCESS ROAD:

A new access road of 1392' will be necessary. The new road will be constructed as follows:

- A. The maximum width of the running surface will be 10'. The road will be crowned and ditched and constructed of 6" of rolled and compacted caliche. Ditches will be at 3:1 slope and 4 feet wide. Water will be diverted where necessary to avoid ponding, prevent erosion, maintain good drainage, and to be consistent with local drainage patterns. BLM may specify any additions or changes during the onsite inspection.
- B. The average grade will be less than 1%.
- C. No turnouts are planned.
- D. No culverts, cattleguard, gates, low-water crossings, or fence cuts are necessary.
- E. Surfacing material will consist of native caliche. Caliche will be obtained from the nearest BLM-approved caliche pit. Any additional materials that are required will be purchased from the dirt contractor.

F. The proposed access road as shown in Exhibit 2 has been centerline flagged by John West Engineering.

#### 3. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES:

A. Marbob Energy Corporation proposes a collection facility, if well is productive, to be located on Roundy-Round Federal #1 well pad.

#### 4. METHODS OF HANDLING WASTE DISPOSAL:

- A. Drill cuttings will be disposed of in the lined pit.
- B. Drilling fluids will be allowed to evaporate in the lined pit until the pit is dry.
- C. Water produced during completion may be disposed into the lined reserve pit.
- D. All trash and debris will be removed from the wellsite within 30 days after finishing drilling and/or completion operations. All waste material will be contained to prevent scattering by the wind.

#### 5. WELLSITE LAYOUT:

- A. Exhibit 3 shows the relative location and dimensions of the well pad, the pit.
- B. The reserve pit will be lined with high quality plastic sheeting.

#### 6. PLANS FOR RESTORATION:

- A. After finishing drilling and/or completion operations, all equipment and other material not needed for further operations will be removed. The location will be cleaned of all trash and junk to leave the wellsite in as aesthetically pleasing a condition as possible.
- B. Reserve pit will be fenced until they have dried and been leveled.
- C. All rehabitation and/or vegetation requirements of the BLM will be complied with and will be accomplished as expeditiously as possible. All pits will be filled level within 90 days after abandonment.

#### 7. SURFACE OWNERSHIP:

The well site and lease are located on private surface. A surface agreement will complete before construction begins.

#### 8. OTHER INFORMATION:

A. Topography: Refer to the existing archaeological report for a description of the topography, flora, fauna, soil characteristics, dwellings, historical and cultural sites.

#### 9. OPERATOR'S REPRESENTATIVE:

A. Through A.P.D. Approval:

Dean Chumbley, Landman Marbob Energy Corporation P. O. Box 227 Artesia, NM 88211-0227 Phone (505)748-3303 Cell (505)748-5988 B. Through Drilling Operations

Sheryl Baker, Drilling Supervisor Marbob Energy Corporation P. O. Box 227 Artesia, NM 88211-0227 Phone (505)748-3303 Cell (505)748-5489

#### 10. CERTIFICATION:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route, that I am familiar with the conditions which presently exist; that the statements made in this plan are to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Marbob Energy Corporation and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

10/10/03

e Melanie J. Parker Land Department

#### **MARBOB ENERGY CORPORATION**

#### **HYDROGEN SULFIDE DRILLING OPERATIONS PLAN**

#### I. HYDROGEN SULFIDE TRAINING

All personnel, whether regularly assigned, contracted, or employed on an unscheduled basis, will receive training from a qualified instructor in the following areas prior to commencing drilling operations on this well:

- A. The hazards and characteristics of hydrogen sulfide  $(H_2S)$ .
- B. The proper use and maintenance of personal protective equipment and life support systems.
- C. The proper use of H<sub>2</sub>S detectors, alarms, warning systems, briefing areas, evacuation procedures, and prevailing winds.
- D. The proper techniques for first aid and rescue procedures.

In addition, supervisory personnel will be trained in the following areas:

- A. The effects of H<sub>2</sub>S on metal components. If high tensile tubulars are to be used, personnel will be trained in their special maintenance requirements.
- B. Corrective action and shut-in procedures when drilling or reworking a well and blowout prevention and well control procedures.
- C. The contents and requirements of the H<sub>2</sub>S Drilling Operations Plan and the Public Protection Plan.

There will be an initial training session just prior to encountering a known or probable H<sub>2</sub>S zone (within 3 days or 500 feet) and weekly H<sub>2</sub>S and well control drills for all personnel in each crew. The initial training session shall include a review of the site specific H<sub>2</sub>S Drilling Operations Plan and the Public Protection Plan. This plan shall be available at the well site. All personnel will be required to carry documentation that they have received the proper training.

# II. H<sub>2</sub>S SAFETY EQUIPMENT AND SYSTEMS

Note: All H<sub>2</sub>S safety equipment and systems will be installed, tested, and operational when drilling reaches a depth of 500 feet above, or three days prior to penetrating the first zone containing or reasonably expected to contain H<sub>2</sub>S.

#### A. Well Control Equipment:

Flare line.

Choke manifold.

Blind rams and pipe rams to accommodate all pipe sizes with properly sized closing unit.

Auxiliary equipment to include: annular preventer, mud-gas separator, rotating head.

### B. Protective equipment for essential personnel:

Mark II Surviveair 30-minute units located in the dog house and at briefing areas.

# C. H<sub>2</sub>S detection and monitoring equipment:

2 - portable H<sub>2</sub>S monitor positioned on location for best coverage and response. These units have warning lights and audible sirens when H<sub>2</sub>S levels of 20 ppm are reached.

## D. Visual warning systems:

Caution/Danger signs shall be posted on roads providing direct access to location. Signs will be painted a high visibility yellow with black lettering of sufficient size to be readable at a reasonable distance from the immediate location. Bilingual signs will be used, when appropriate. See example attached.

### E. Mud Program:

The mud program has been designed to minimize the volume of H<sub>2</sub>S circulated to the surface.

A mud-gas separator will be utilized.

# F. Metallurgy:

All drill strings, casings, tubing, wellhead, blowout preventers, drilling spool, kill lines, choke manifold and lines, and valves shall be suitable for H<sub>2</sub>S service.

#### G. Communication:

Company vehicles equipped with cellular telephone and 2-way radio.

# WARNING

# YOU ARE ENTERING AN H<sub>2</sub>S AREA AUTHORIZED PERSONNEL ONLY

- 1. BEARDS OR CONTACT LENSES NOT ALLOWED
- 2. HARD HATS REQUIRED
- 3. SMOKING IN DESIGNATED AREAS ONLY
- 4. BE WIND CONSCIOUS AT ALL TIMES
- 5. CK WITH MARBOB FOREMAN AT MAIN OFFICE

# MARBOB ENERGY CORPORATION

1-505-748-3303

#### STATEMENT ACCEPTING RESPONSIBILITY FOR OPERATIONS

The undersigned accepts all applicable terms, conditions, stipulations, and restrictions concerning operations conducted on the leased land or portion thereof, as described below:

Date:

October 3, 2003

Lease #:

NM 97117

Roundy-Round Federal

Legal Description: Section 32: NE/4

Township 21S - Range 26E Eddy County, New Mexico

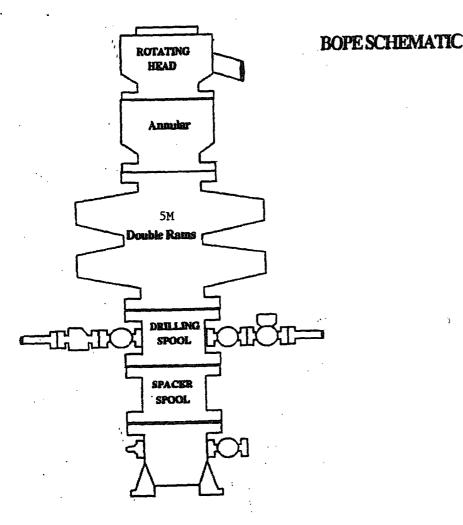
Formation(s): Morrow

Bond Coverage: Statewide

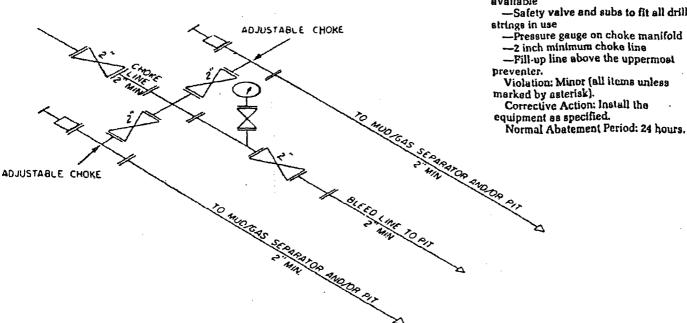
BLM Bond File #: 585716

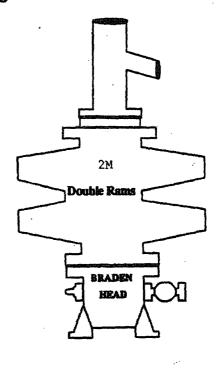
Melanie J. Parkei

Land Department



ONSHORE OIL AND GAS ORDER NO. 2





2M system:

-Annular preventer, or, double ram, or two rams with one being blind and one being a pipe ram \*

-Kill line (2 inch minimum)

-1 kill line valve (2 inch minimum)
-1 choke line valve

-2 chokes (refer to diagram in

Attachment 1)

-Upper kelly cock valve with handle available

-Safety valve and subs to fit all drill

-Fill-up line above the uppermost

Corrective Action: Install the

#### CATHATOR'S COPY

**UNITED STATES** JUN 21 1999 Form 3160-5 FORM APPROVED (June 1990) Budget Bureau No. 1004-0135 Expires: March 31, 1993 DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT 5. Lease Designation and Serial No. SUNDRY NOTICES AND REPORTS ON WELLS 6. If Indian, Allottee or Tribe Name Do not use this form for proposals to drill or to deepen or reentry to a different reservoir. Use "APPLICATION FOR PERMIT-" for such proposals 7. If Unit or CA, Agreement Designation SUBMIT IN TRIPLICATE 1. Type of Well Oil Well Gas 8. Well Name and No. Well Other 2. Name of Operator MARBOB ENERGY CORPORATION 9. API Well No. 3. Address and Telephone No. P.O. BOX 227, ARTESIA, NM 88210 505-748-3303 4. Location of Well (Footage, Sec., T., R., M., or Survey Description) T17S-R29E 10. Field and Pool, or Exploratory Area T17S-R30E 11. County or Parish, State T178-R31E EDDY CO., NM 12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF SUBMISSION TYPE OF ACTION Notice of Intent Abandonment Change of Plans Recompletion New Construction Subsequent Report Plugging Back Non-Routine Fracturing Casing Repair Water Shut-Off Final Abandonment Notice Aftering Casing Conversion to Injection Other\_TEST BOPS Dispose Water (Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.) 13. Describe Proposed or Completed Operations (Clearly state all pertinet details, and give pertinent dates, including estimated date of starting any proposed work, If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markders and zones pertinent to this work.)\* DUE TO THE LOW BOTTOM HOLE PRESSURE OF FORMATIONS ABOVE 6000', WE ARE REQUESTING BLANKET APPROVAL FOR WELLS IN THE ABOVE LOCATIONS TO TEST BOPS ON SURFACE CASING TO 1000# THIS SUNDRY IS APPROVED FOR MARBOB TO HAVE A BLANKET APPROVAL FOR TESTING BOPS. HOWEVER, THE OPERATOR WILL STATE ON EACH APD THIS APPLIES TO IN ORDER TO REMIND AND/OR BRING NOTICE TO THE BLM OFFICE AND ENGINEER REVIEWING THE APD THAT THE WELL'S BOPE TESTING IS COVERED BY A BLANKET APPROVAL FOR THESE LOCATIONS 14. I hereby certify that the foregoing is true and correct PRODUCTION ANALYST 05/25/99

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

PETROLEUM ENGINEER

Date



IN REPLY REFER TO: NMNM-88525X 3180 (06200)

# United States Department of the Interior

#### **BUREAU OF LAND MANAGEMENT**

Roswell Field Office 2909 West Second St. Roswell, New Mexico 88201 www.nm.blm.gov



Marbob Energy Corporation Attention: Johnny Gray P. O. Box 227 Artesia, NM 88210

SEP 07 1999

#### Gentlemen:

With regard to our telephone conversation of September 2, 1999, a review of our records has found discrepancies in the casing requirements section of the conditions of approval for your APD's. As per our meeting on July 7, 1999, our office had agreed with your recommended casing procedures for shallow wells of 6000 ft. or less in T. 17 S, Rgs. 29, 30 and 31 E., NMPM. In order to correct the discrepancies, this letter states the language to be used for the conditions of approval casing requirements for all your existing APD's

Conditions of Approval-Drilling amended as follows:

- II. Casing requirements in T. 17 S., Rgs. 29, 30 and 31 E. for shallow wells less than 6,000 ft.
- 1. 8-5/8 inch surface casing should be set at approximately \_\_\_\_ ft, in the Rustler Anhydrite or in the case the salt occurs at a shallower depth above the top of the salt. The surface casing shoe shall be set in the anhydrite to ensure adequate sealing. The operator is required to use an excess of 100% cement volume to fill annulus. If cement does not circulate to surface the operator may then use ready mix cement to fill the remaining annulus.
- 2. The minimum required fill of cement behind the 5½ inch production casing is to place the top of the cement 200 ft. above the top of the uppermost hydrocarbon bearing interval or to the base of the salt.

These requirements supercede those issued in your existing, approved APD's for the shallow wells located in T. 17 S., Rgs. 29, 30 and 31 E., NMPM. If you have any question regarding this matter please call John S. Simitz at (505) 627-0288 or Armando A. Lopez at (505) 627-0248.

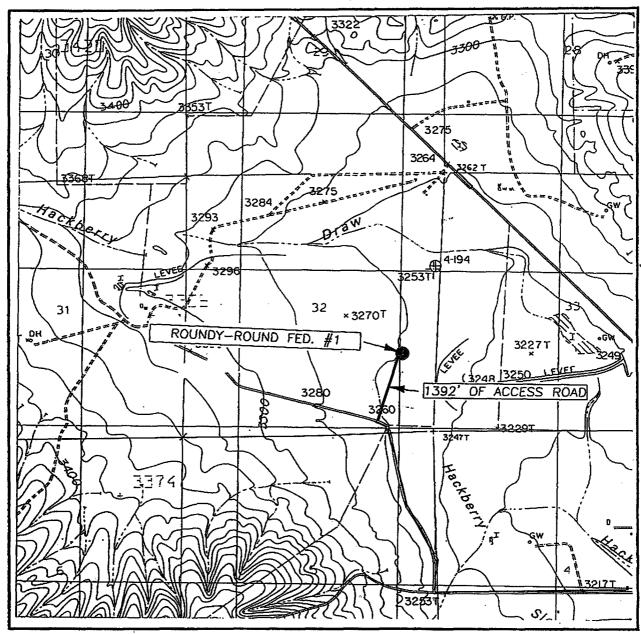
Sincerely,

Larry D. Bray Acting Assistant Field Office Manager,

Lands and Minerals

Lamy D. Bray

# LOCATION VERIFICATION MAP



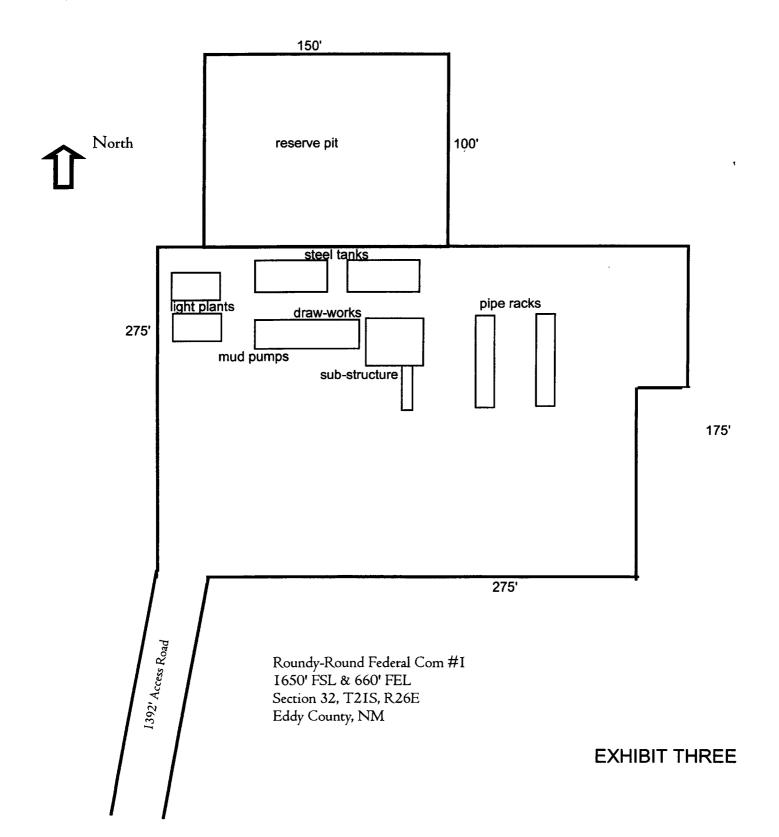
SCALE: 1" = 2000'

CONTOUR INTERVAL: 20 CARLSBAD WEST, N.M.

SEC. 32 IWP. 21-5 RGE. 20-E
SURVEYN.M.P.M.
COUNTYEDDY
DESCRIPTION 1650' FSL & 660' FEL
ELEVATION 3260'
OPERATOR MARBOB ENERGY CORPORATION
LEASE ROUNDY-ROUND FEDERAL
U.S.G.S. TOPOGRAPHIC MAP CARLSBAD WEST, N.M.

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

**Exhibit Two** 



# STATEMENT ACCEPTING RESIONSIBILITY FOR OPERATIONS

The undersigned accepts all applicable terms, conditions, stipulations, and rest  $\alpha$ concerning operations conducted on the lease change or portion thereof, as des below:

Date:

October 3, 2003

Lease #:

NM 96834

Roundy-Round Federal

Legal Description: Section 32: 165) FSL & 660' FEL

Township 21S - Fange 25E Eddy County, Nevi Medico

Formation(s): Morrow

Bond Coverage: Statewide

BLM Bond File #: 585716

Land Department