

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*
(Other instructions on
reverse side)

FORM APPROVED
OMB NO. 1004-0136
Expires: February 28, 1995

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK

DRILL

DEEPEN

b. TYPE OF WELL

OIL
WELL ☒

GAS
WELL

OTHER

SINGLE
ZONE

MULTIPLE
ZONE

2. NAME OF OPERATOR

Vintage Drilling LLC

3. ADDRESS AND TELEPHONE NO.

P.O. Box 158 Loco Hills, N.M. 88255

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface

1770' FNL

335' FEL

At proposed prod. zone

1570'

330'

Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

East of Artesia on Hwy 82 Appx. 20.7 Miles

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT

(Also to nearest drig. unit line, if any)

335' FEL

16. NO. OF ACRES IN LEASE

1520

17. NO. OF ACRES ASSIGNED

TO THIS WELL

40

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,

OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH

3500'

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

3579 GR

22. APPROX. DATE WORK WILL START*

March 10, 2000

23.

PROPOSED CASING AND CEMENTING PROGRAM

ARTESIA CONTROLLED WATER BASIN

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8 5/8" J-55	24#	350'	300 Sx Circ.
7 7/8"	5 1/2" J-55	17#	5000' 3500'	800 Sx Circ.

Pay Zone will be selectively perforated and stimulated as needed for optimum production.

Attached are:

1. Location & Acreage dedication plat.
2. Supplemental Drilling Data.
3. Surface use Plan.

APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS
ATTACHED

IN ABOVE SPACE DESCRIBE PROGRAM. If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

TITLE

Owner

DATE

2/15/00

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

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 operations thereon.
CONDITIONS OF APPROVAL, IF ANY:

Acting

Assistant Field Manager,
Lands And Minerals

APPROVED BY

(SIGNED) ARMANDO A. LOPEZ

TITLE

DATE

JUN 28 2000

*See Instructions On Reverse Side

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.

APPROVED FOR 1 YEAR

RECEIVED
2000 FEB 15 P 1:25
U.S. DEPARTMENT OF JUSTICE
FEDERAL BUREAU OF INVESTIGATION

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Vintage Drilling L.L.C.

3. Address and Telephone No.

P. O. Box 158, Loco Hills, NM 88255

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1570' NL, 330' EL Sec 27 T27S, R29E

5. Lease Designation and Serial No.
LC - 028775

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

Robinson Jackson Unit

8. Well Name and No.

RJU TR2 - # 37

9. API Well No.

10. Field and Pool, or Exploratory Area

Grayburg-Jackson (Keele

11. County or Parish, State

Eddy Co, NM

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other New Well

- ☒ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ 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 pertinent 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 markers and zones pertinent to this work.)*

Re-location of well bore due to Archeologist request for no new construction on the South end of pad where original pits were scheduled.

As per Tiffany Sullivan, well bore has been moved to North end of pad so pits will be located in an area that has already been disturbed.

14. I hereby certify that the foregoing is true and correct

Signed [Signature]

Title Owner

Date 6/19/00

(This space for Federal or State office use)

Approved by

Conditions of approval, if any:

Title

Date

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

*See Instruction on Reverse Side

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

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

DISTRICT IV
P.O. Box 2088, Santa Fe, N.M. 87504-2088

OIL CONSERVATION DIVISION

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name
Property Code	Property Name RJU UNIT 2	Well Number 37
OGRID No.	Operator Name VINTAGE DRILLING, LLC	Elevation 3578

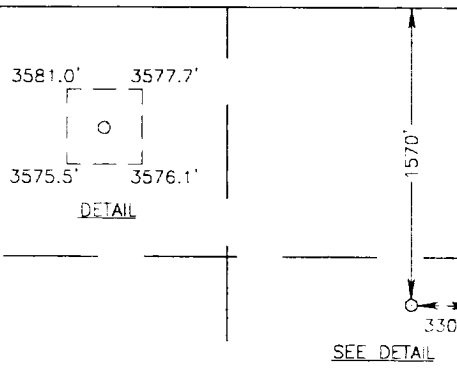
Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	27	17 S	29 E		1570	NORTH	330	EAST	EDDY

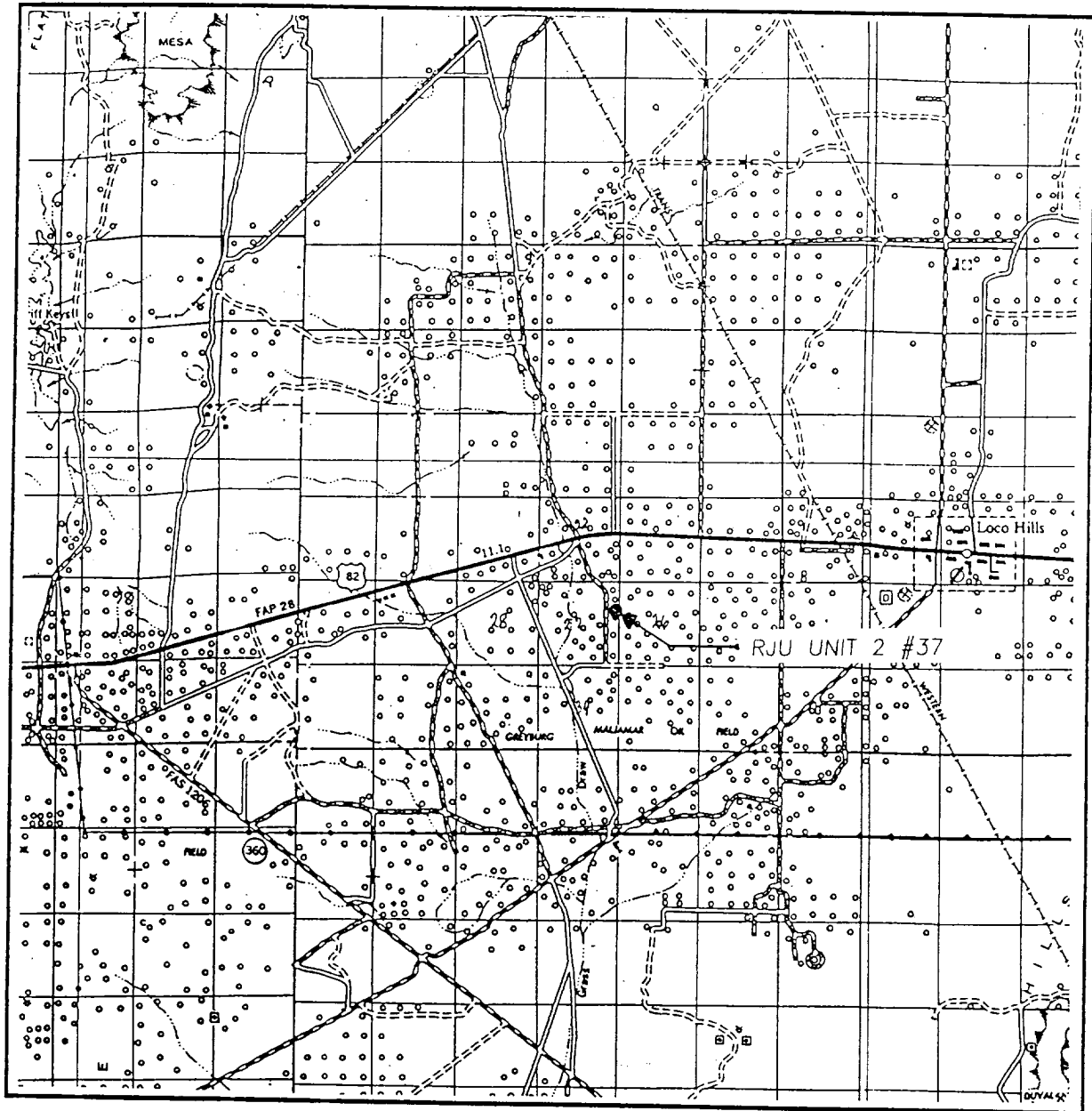
Bottom Hole Location If Different From Surface

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

		OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. Signature: <i>[Signature]</i> Printed Name: <i>[Signature]</i> Title: <i>[Signature]</i> Date: 6/19/00	
		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. JUNE 17, 2000 Date Surveyed: _____ DC Signature & Seal of Professional Surveyor: <i>[Signature]</i> 6/19/00 Certificate No. RONALD J. EIDSON 3239 GARY EIDSON 12641 MACON McDONALD 12185	

VICINITY MAP



SCALE: 1" = 2 MILES

SEC. 27 TWP. 17-S RGE. 29-E

SURVEY N.M.P.M.

COUNTY EDDY

DESCRIPTION 1570' FNL & 330' FEL

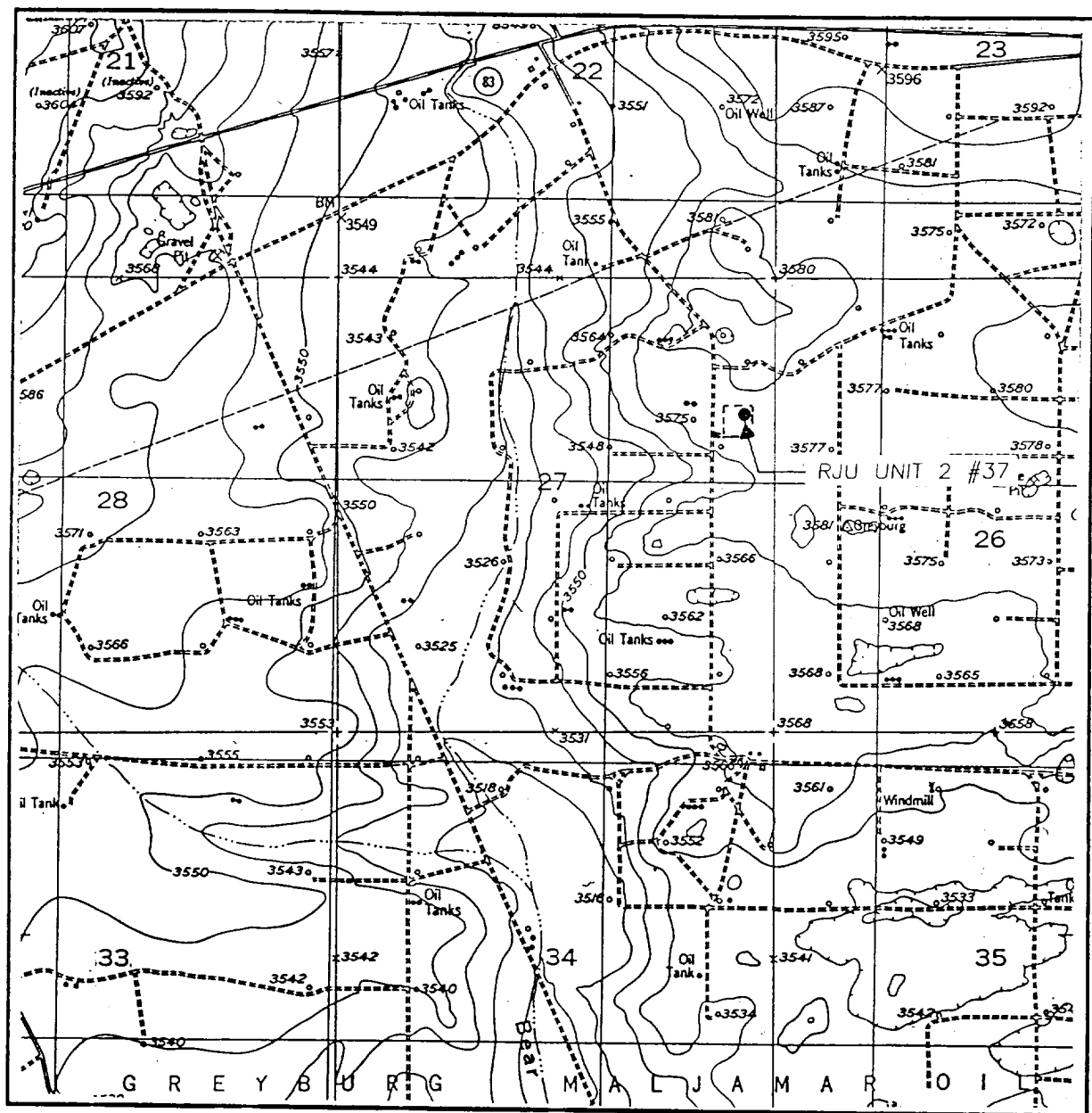
ELEVATION 3578

OPERATOR VINTAGE DRILLING, LLC

LEASE RJU UNIT 2

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

LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL:
RED LAKE SE - 10'

SEC. 27 TWP. 17-S RGE. 29-E

SURVEY N.M.P.M.

COUNTY EDDY

DESCRIPTION 1570' FNL & 330' FEL

ELEVATION 3578

OPERATOR VINTAGE DRILLING, LLC

LEASE RJU UNIT 2

U.S.G.S. TOPOGRAPHIC MAP

RED LAKE SE, N.M.

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

DRILLING PROGRAM

Attached to Form 3160-3
Vintage Drilling, L.L.C.
RJU Tract 2-37
1770' FNL and 335' FEL
Section 27-17S-29E
Eddy County, New Mexico

1. Geologic Name of Surface Formulation:

Permian

2. Estimated Tops of Important Geologic Markers:

Permian	Surface
Salt	360'
Base of Salt	780'
Yates	930'
Seven Rivers	1145'
Queen	1815'
Grayburg	2140'
San Andres	2510'

3. Estimated Depths of Anticipated Fresh Water, Oil or Gas:

Upper Permian Sands	100'	Fresh Water
Yates	930'	Oil
Seven Rivers	1145'	Oil
Queen	1815'	Oil
Grayburg	2140'	Oil
San Andres	2510'	Oil

DRILLING PROGRAM

PAGE 2

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 8 5/8 casing at 350' and circulating cement back to the 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.

4. Casing Program:

<u>Hole Size</u>	<u>Interval</u>	<u>OD csg</u>	<u>Weight, Grade, JT. Cond. Type</u>			
12 1/4"	0-350'	8 5/8"	24#	J-55	LTC NEW	R-3
7 7/8"	0-TD	5 1/2"	17#	J-55	LTC NEW	R-3

Cement Program:

8 5/8" Surface Casing: Cemented to surface with 300sx of Class C w/2% cc.

5 1/2" Production Casing: Cemented with 800sx Class C. Will attempt to circulate to surface

5. Minimum specifications for Pressure Control:

The blowout preventer equipment (BOP) shown in Exhibit #1 will consist of a double ram-type (3000 psi wp) preventer. This unit will be hydraulically operated and the ram-type preventer will be equipped with blind rams on top and 4-1/2" drill pipe rams on bottom. This BOP will be nipped up on the 8 5/8" surface csg and used continuously until TD is reached. All BOP's and accessory equipment will be tested to 1000 psi before drilling out of surface casing.

Pipe rams will be operationally checked each 24 hour period. Blind rams will be operationally checked on each trip out of the hole. These checks will be noted on the daily tour sheets. A 2" kill line and a 3" choke line will be included in the drilling spool located below the ram-type BOP. Other accessories to the BOP equipment will include a kelly cock and floor safety valve (inside BOP) and choke lines and choke manifold with 3000 psi WP rating.

DRILLING PROGRAM

PAGE 3

6. Types and Characteristics of the Proposed Mud System:

The well will be drilled to TD with cut brine. The applicable depths and properties of this system are follows:

<u>Depth</u>	<u>Type</u>	<u>Weight (ppg)</u>	<u>Viscosity (sec)</u>	<u>Waterloss (cc)</u>
0-350'	Fresh Water (Spud)	8.5	28	N.C.
350'-3500'	Brine	9.8-10.2	40-45	N.C.

7. Auxiliary Well Control and Monitoring Equipment:

- (A) A kelly cock will be kept in the drill string at all times
- (B) A Full opening drill pipe stabbing valve (inside BOP) with proper drill pipe connections will be on the rig floor at all times.

8. Logging, Testing, and Coring Program:

- (A) No Drillstem tests are anticipated.
- (B) The electric CSNG/Dual Spaced Neutron Log and Depth Control Log.
- (C) No conventional coring is anticipated.
- (D) Further testing procedures will be determined after the 5 1/2" production casing has been cemented at TD based on drill shows, log evaluation and drill stem test results.

DRILLING PROGRAM

PAGE 4

9. Abnormal Conditions, Pressures, Temperatures, & Potential Hazards:

No abnormal pressures or temperatures are anticipated. The estimated bottom hole temperature (BHT) at TD is 104° and estimated bottom hole pressure (BHP) is 2225 psig.

10. Anticipated Starting Date and Duration of Operations:

Location and road work will not begin until approval has been received from the BLM. The anticipated spud date is March 10, 2000. Once commenced, the drilling operation should be finished in approximately 15 days. If the well is productive, an additional 30 to 60 days will be required for completion and testing before a decision is made to install permanent facilities.

VINTAGE DRILLING, L.L.C.

HYDROGEN SULFIDE DRILLING OPERATIONS PLAN

No H₂S is expected in this well as the offset well (only 120' north) encountered no when it H₂S was drilled through our zones last summer.

SURFACE USE OPERATING PLAN

Attached to Form 3160-3
Vintage Drilling L.L.C.
RJU Tr 2-37
1770' FNL and 335' FEL
Section 27-17S-29E
Eddy County, New Mexico

1. Existing Roads:

- A. The well Site and elevation plat for the proposed well is shown in Exhibit #2. It was staked by John West Engineering.
- B. All roads to the location are shown in Exhibit #3. The existing roads are illustrated in red and are adequate for travel during drilling and production operations. No Upgrading of the roads prior to drilling will be necessary.
- C. Directions to location From Artesia, proceed East on US 82 for 20.7 miles. Turn South on Standard Road and proceed 1.0 miles. Turn West on lease road and proceed .5 miles, then turn North .1 mile, location is on the East side of lease road.
- D. Routine grading and maintenance of existing roads will be conducted as necessary to maintain their condition as long as any operations continue on this lease.

2. Proposed Access Road:

No new access road will be necessary because well will be on an existing location.

3. Location of Existing Wells:

Exhibit #4 shows all existing wells within one-half mile radius of this well.

SURFACE USE AND OPERATING PLAN

PAGE 2

4. Location of Existing and/or Proposed Facilities:

- A. Vintage Drilling, LLC has a collection facility set up for this lease located at approximately 1280' FNL and 1345' FWL, Section 27-17S-29E, Eddy County.
- B. If the well is productive, a 3" plastic flowline (grade SDR 7@ 265 psi) will be laid on the surface following the existing lease road Right-of-Way to the tank battery. Anticipated pressures in the flow line should not exceed 75 psi.
- C. If the well is productive, power will be obtained from Central Valley Electric. Central Valley Electric will apply for ROW for their power lines.
- D. If the well is productive, rehabilitation plans are as follows:
 - (1.) The reserve pit will be back-filled after the contents of the pit are dry (within 10 months after the well is completed).
 - (2.) Topsoil removed from the drill site will be used to recontour the pit area and any unused portions of the drill pad to the original natural level, as nearly as possible, and reseeded as per BLM specifications.

5. Locations and Type of Water Supply:

The well will be drilled with a combination brine and fresh water mud system as outline in the drilling program. The water will be obtained from commercial water stations in the area and hauled to the location by transport truck over the existing and proposed access roads shown in Exhibit #3. If a commercial fresh water source is nearby, fasline may be laid along existing road ROW's and fresh water pumped to the well. No water well will be drilled on the location.

6. Source of Construction Materials:

Only minor new construction will be necessary on the south side of existing location. Drilling pits will be on the south side of location also. We will be using a location built by Marbob Energy Corporation for their Barnsdale Federal #11, Marbob Energy has given us their permission to use this pad. All caliche required for new construction of drill pad will be obtained from a BLM-approved pit.

SURFACE USE AND OPERATING PLAN
PAGE 3

7. Methods of Handling Water Disposal:

- A. Drill cuttings not retained for evaluation purposes will be disposed into the reserve pit.
- B. Drilling fluids will be contained in lined working pits. The reserve pit will contain any excess drilling fluid or flow from the well during drilling, cementing and completion operations. The reserve pit will be an earthen pit, approximately 50' X 150' X 6' deep. The reserve pit will be plastic lined to minimize loss of drilling fluids and saturation of the ground with brine water.
- C. Water produced from the well during completion may be disposed into the reserve pit.
- D. Garbage and trash produced during drilling or completion operations will be hauled off. All waste material will be contained to prevent scattering by the wind. All water and fluids will be disposed of into the reserve pit. Salts and other chemicals produced during drilling or testing will be disposed into the reserve pit. No toxic waste or hazardous chemicals will be produced by this operation.
- E. After the rig is moved out and the well is either completed or abandoned, all waste materials will be cleaned-up within 30 days. No adverse materials will be left on location.
The reserve pit will be completely fenced until it has dried. When the reserve pit is dry enough to breakout and fill, the reserve pit will be leveled and reseeded as per BLM specifications. In the event of a dry hole, the location will be ripped and seeded as per BLM Specifications and a dry hole marker will remain.

8. Ancillary Facilities:

No airstrip, campsite or other facilities will be built as a result of the operations on this well.

SURFACE USE AND OPERATING PLAN
PAGE 4

9. Well Site Layout:

- A. The drill pad layout, staked by John West Engineering, as shown in Exhibit #5. Dimensions of the pad and pits are shown. Top soil, if available, will be stockpiled per BLM specifications as determined at the on-site inspection.
- B. The reserve pit will be lined with a high quality plastic sheeting.

10. Plans for Restoration of the Surface:

- A. Upon finishing drilling and/or completion operation, all equipment and other material not needed for operations will be removed.

All trash, garbage and pit lining will be hauled away in order to leave the location in an aesthetically pleasing condition. All pits will be filled and the location leveled within 10 months after abandonment.
- B. Three sides of the reserve pit will be fenced prior to and during drilling operation. At the time that the rig is removed, the reserve pit will be fenced on the rig (fourth) side. The fencing will remain in place until the pit area is cleaned-up and leveled. No oil will be left on the surface of the fluid in the pit.
- C. Upon completion of the proposed operations, if the well is completed, the reserve pit area will be treated as outlined above within the same prescribed time. Any additional caliche required for facilities will be obtained from a BLM - approved caliche pit. Topsoil removed from the drill site will be used to recontour the pit area to the original natural level and reseeded as per BLM specifications.

11. Surface Ownership:

The wellsite and lease is located on Federal Surface.

- A. The area around the well site is grassland and the top soil is sandy. The vegetation is native scrub grasses with abundant oakbrush, sagebrush, yucca and prickly pear.
- B. A Cultural Resources Examination has been completed and a copy forwarded to your office by Marbob Energy when they drilled the Barnsdale Federal #11. Marbob Energy has given us their permission to use this information.

SURFACE USE AND OPERATING PLAN
PAGE 5

12. Lessee's and Operator's Representative:

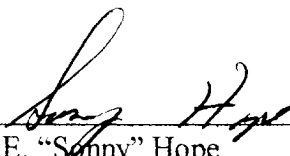
The Vintage Drilling LLC representative responsible for assuring compliance with the surface use plan is as follows:

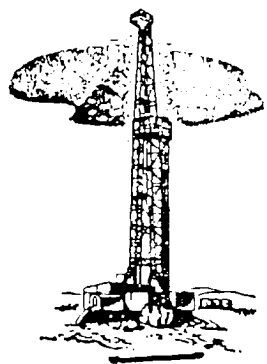
Sonny Hope
Vintage Drilling LLC
2711 West Grand, Artesia, NM 88210
P. O. Box 158
Loco Hills, NM 88255
Phone: 505-748-2941
505-365-6510

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 currently exist; that the statements made in this plan are to the best of my knowledge, true and correct; and the work associated with the operations proposed herein will be performed by Vintage Drilling LLC and its contractors and subcontractors in conformity with this plan and the provisions of 18 U.S.C. 1991 for the filing of a false statement

Date: 2/15/00

Signed: 
C. E. "Sonny" Hope
Owner



VINTAGE DRILLING L.L.C. - ROBINSON JACKSON UNIT, TR 2 #37

1770' FNL 335' FEL

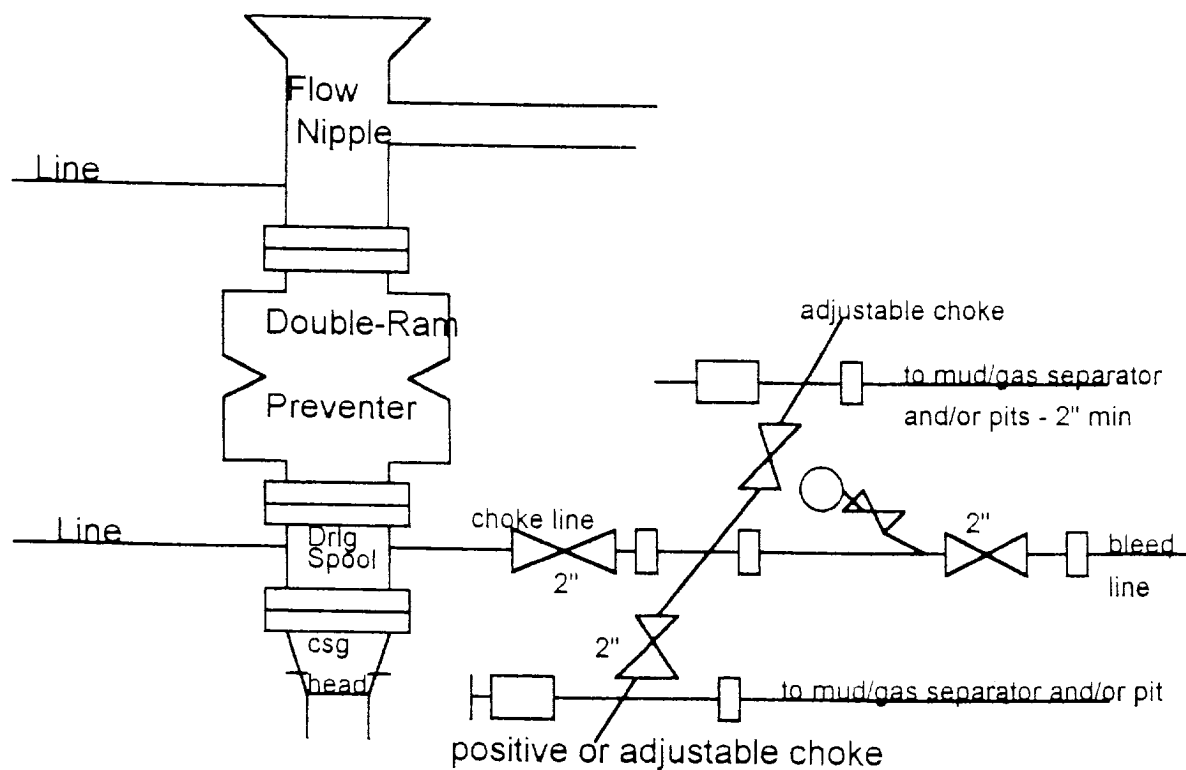
S-27 T-17S R-29E

Eddy County, New Mexico

Exhibit #1

BOP & CHOKE MANIFOLD

2M CHOKE MANIFOLD EQUIPMENT



12" / 900 SHAEFFER TYPE E

3000# WORKING PRESSURE

3000# WORKING PRESSURE CHOKE MANIFOLD

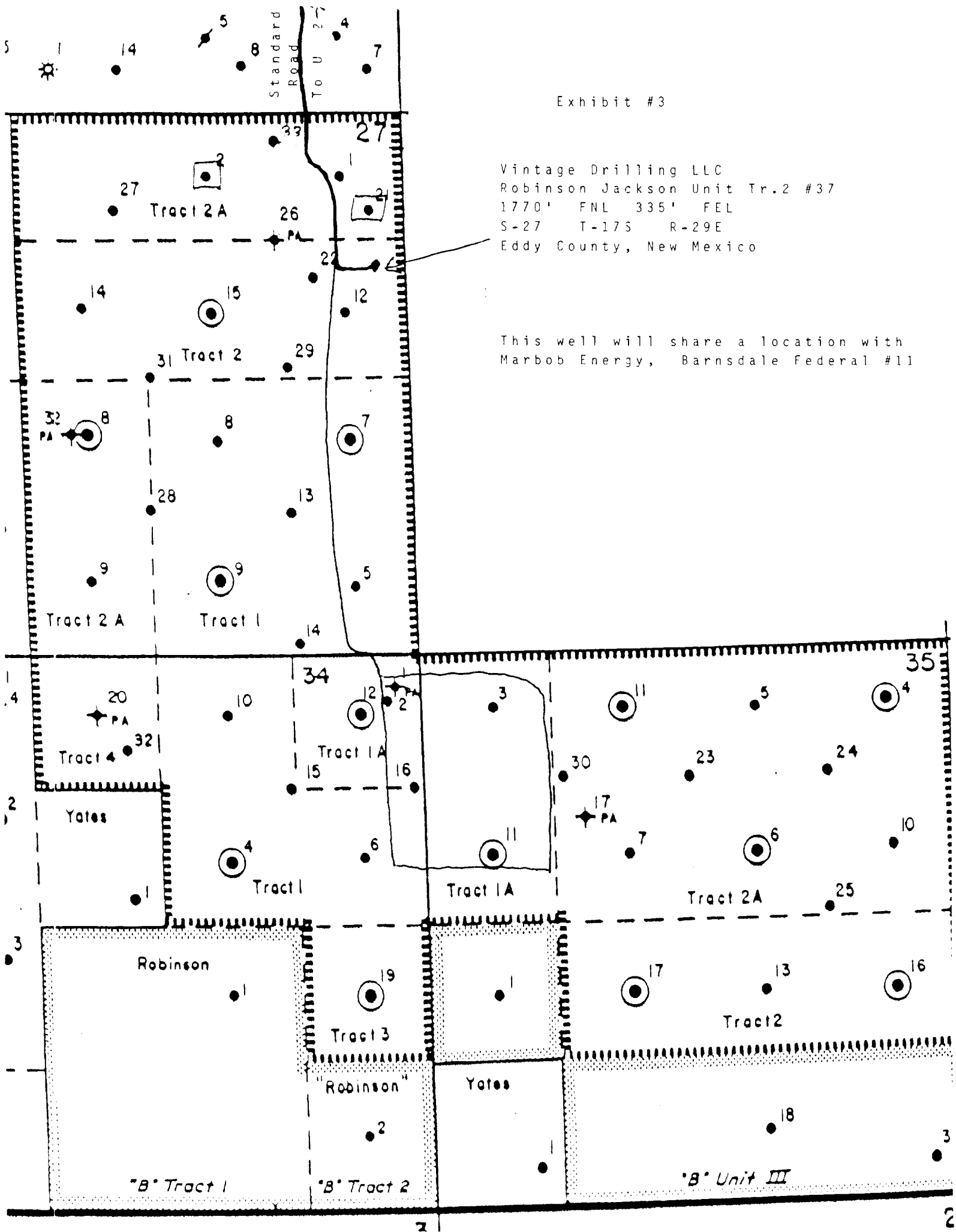
Attachment to Exhibit #1
NOTES REGARDING THE BLOWOUT PREVENTERS

1. Drilling nipple to be so constructed that it can be removed without use of a welder through rotary table opening, with minimum I.D. equal to preventer bore.
2. Wear ring to be properly installed in head.
3. Blow out preventer and all fittings must be in good condition, 1000 psi W.P. minimum.
4. All fittings to be flanged.
5. Safety valve must be available on rig floor at all times with proper connections, valve to be full bore 1000 psi W.P. minimum.
6. All choke and fill lines to be securely anchored, especially ends of choke lines.
7. Equipment through which bit must pass shall be at least as large as the diameter of the casing being drilled through.
8. Kelly cock on kelly
9. Extension wrenches and hand wheels to be properly installed.
10. Blow out preventer control to be located as close to driller's position as feasible.
11. Blow out preventer closing equipment to include minimum 40 gallon accumulator, two independent sources of pump power on each closing unit installation, and meet all API specifications.

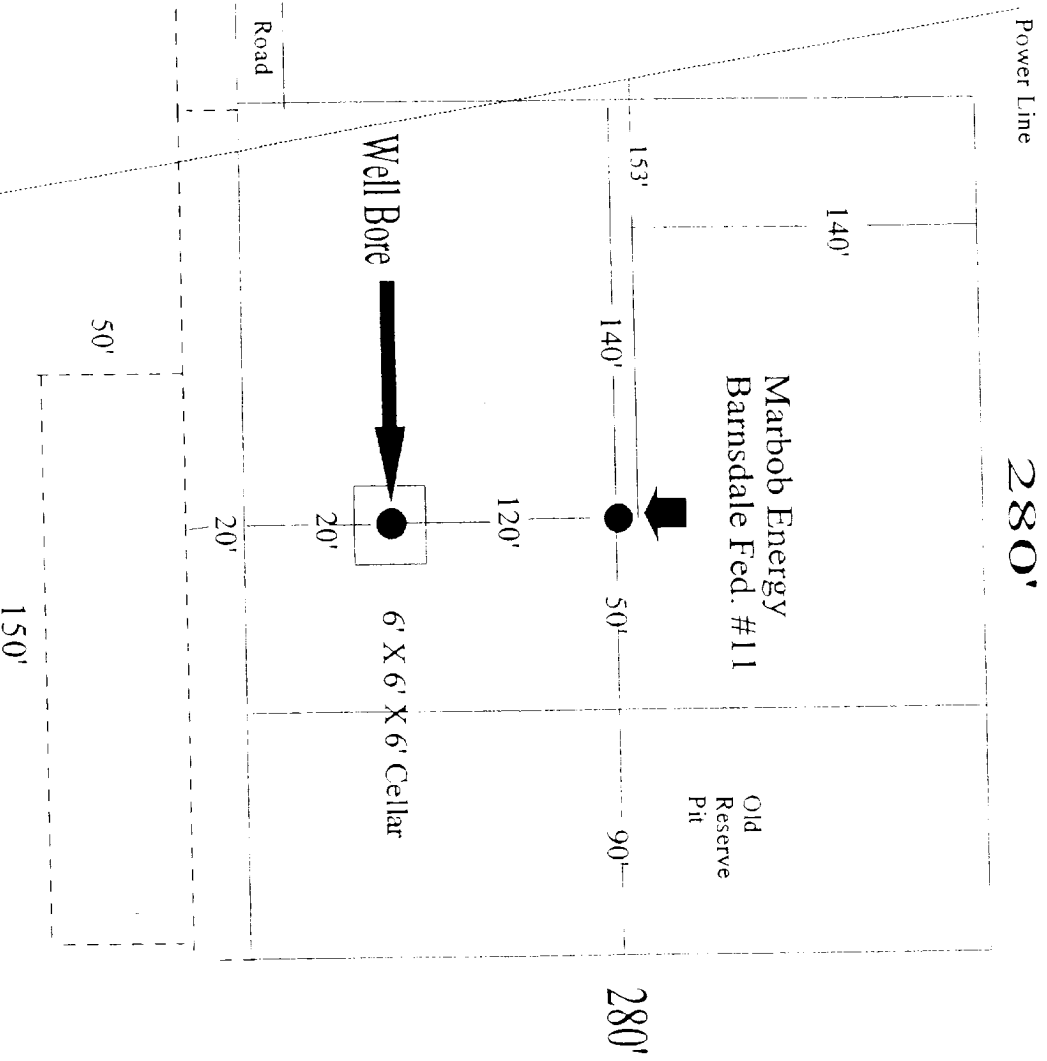
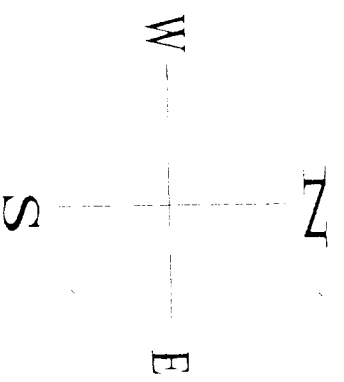
Exhibit #3

Vintage Drilling LLC
Robinson Jackson Unit Tr.2 #37
1770' FNL 335' FEL
S-27 T-17S R-29E
Eddy County, New Mexico

This well will share a location with
Marbob Energy, Barnsdale Federal #11



----- New Construction



Vintage Drilling, L.L.C.

RJU Tr. 2-37
1770' FNL 335 FEL
Section 27-17S-29E
Eddy County, N.M.