

New Mexico Oil Conservation Division, District I

1625 N. French Drive

Hobbs, NM 88240

OPER. OGRID NO. 14245

PROPERTY NO. 32526

POOL CODE

EFF. DATE 8/29/03

API NO. 30-025-36387

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

Form 3160-3
(September 2001)

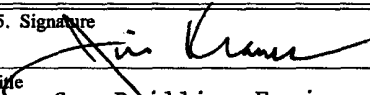
UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. LC032511-E	
1b. Type of Well: <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name	
2. Name of Operator Matador Operating Company		7. If Unit or CA Agreement, Name and No.	
3a. Address Dallas, TX 75231 8340 Meadow Road #150		8. Lease Name and Well No. Nancy Federal (8) Com #1	
3b. Phone No. (include area code) 214-987-7128		9. API Well No. 30-025-36387	
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface 810' FSL & 1880' FEL At proposed prod. zone Unit 40		10. Field and Pool, or Exploratory Wildcat Wellcamp Marra	
11. Sec., T., R., M., or Blk. and Survey or Area Sec 8, T25S, R37E		12. County or Parish Lea	
13. State NM		14. Distance in miles and direction from nearest town or post office* 1 mile northeast of Jal	
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) NA		16. No. of Acres in lease 320	
17. Spacing Unit dedicated to this well 40		18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. NA	
19. Proposed Depth 9750'		20. BLM/BIA Bond No. on file 29403	
21. Elevations (Show whether DF, KDB, RT, GL, etc.) GR: 3156'		22. Approximate date work will start* 8/15/03	
23. Estimated duration 25		24. Attachments	

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form:

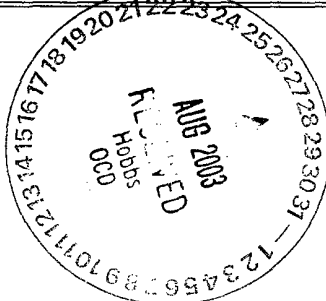
- Well plat certified by a registered surveyor.
- A Drilling Plan.
- A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).
- Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
- Operator certification.
- Such other site specific information and/or plans as may be required by the authorized officer.

25. Signature 	Name (Printed/Typed) Jim Kramer	Date 6/23/03
Title Sr. Drilling Engineer		
Approved by (Signature) /s/ JOE G. LARA	Name (Printed/Typed) /s/ JOE G. LARA	Date AUG 27 2003
Title FIELD MANAGER	Office CARLSBAD FIELD OFFICE	

Application approval does not warrant or certify the 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, are attached.
APPROVAL FOR 1 YEAR

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)



APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS
ATTACHED

Form 3160-5
(September 2001)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**SUNDRY NOTICES AND REPORTS ON WELLS**
Do not use this form for proposals to drill or to re-enter an
abandoned well. Use Form 3160-3 (APD) for such proposals.FOKMA APPROVED
OMB No 1004-0155
Expires January 31, 2004

5 Lease Serial No
LC032511-E

6 If Indian, Allottee or Tribe Name

7 If Unit or CA/Agreement, Name and/or No

8 Well Name and No.
Nancy Federal 8 Com #1

9 API Well No

10 Field and Pool, or Exploratory Area
Wildcat

11 County or Parish, State
Lea, NM

SUBMIT IN TRIPPLICATE. Other instructions on reverse side

1 Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

2 Name of Operator
Tom Brown, Inc.

3a Address
P O Box 2608, Midland TX 79702

3b Phone No (include area code)
432-688-9598

4 Location of Well (Footage, Sec., T., R., M., or Survey Description)
810' FSL & 1880' FEL
S8, T25S, R37E

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	<u>change of operator</u>
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13 Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompletes horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Request to change operator from Matador Operating Company to Tom Brown, Inc.
effective August 1, 2003.

14 I hereby certify that the foregoing is true and correct

Name (Printed/Typed) Sharon Cook Title Sr. Regulatory Analyst

Signature *Sharon Cook* Date 8/26/03

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by **/S/ JOE G. LARA** *DETIN* FIELD MANAGER Date AUG 27 2003

Conditions of approval, if any, are attached. Approval of this notice 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.

Office **CARLSBAD FIELD OFFICE**

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)

APPLICATION FOR PERMIT TO DRILL

MATADOR OPERATING COMPANY

Nancy Federal 8 Com #1

810' FSL & 1880' FEL

Sec 8, T25S, R37E

Lea County, New Mexico

In conjunction with Form 3160-3, Application for Permit to Drill, Matador Operating Company submits the following items of pertinent information in accordance with Onshore Oil and Gas Order Nos. 1 & 2, and with all other applicable federal and state regulations.

1. Geological Name of Surface Formation: Permian
2. Estimated Tops of Important Geological Markers:

	MD	Subsea TVD
Rustler	1100'	+2080'
Tansill	2720'	+460'
Yates	2880'	+300'
Seven Rivers	3150'	+30'
Queen	3460'	-281'
San Andres	3640'	-460'
Glorietta	5705'	-2525'
Tubb	6833'	-3653' +
T/Wolfcamp UnconFormity	8214'	-5034' *
B/Wolfcamp UnconFormity	8998'	-5818
Strawn	(Eroded)	
T/Atoka-Morrow	8998'	-5818' +
PTD	9750'	-6570'

* Primary Reservoir Target

+ Secondary Reservoir Target

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

	MD	
Upper Permian Sands	0-300'	Fresh water*
Tubb	6833'	Oil **
Wolfcamp	8214'	Oil/Gas
Morrow	8998'	Gas

* Ground water will be protected by 13-3/8" surface casing with cement circulated to surface.

** Potentially productive horizons in the 8-3/4" hole section to be protected by the 5-1/2" casing with cement at least 500' above upper most zone.

4. Proposed Casing Program:

Hole Size	Interval(MD)	Casing OD	Description
26"	0'-40'	20"	Conductor, if necessary
17-1/2"	0'-750'	13-3/8"	48# H-40, STC New, R-3
12-1/4"	0'-3500'	9-5/8"	36# J-55, STC, New, R-3
12-1/4"	3500'-4000'	9-5/8"	40# J-55, STC New, R-3
8-3/4"	0'-9750'	5-1/2"	17# L-80, LTC, New, R-3

Proposed Cementing Program:

20" Conductor: Ready-mix poured to surface.

13-3/8" Surface Casing: Cement w/380 sx Class "C" Light (12.5 ppg, 2.06 ft³/sx). Tail w/ 200 sx Class "C" + 2% CaCl₂ (14.8 ppg, 1.32 ft³/sx).
Float Equipment: Texas pattern shoe w/ insert float valve above shoe joint, 4 centralizers.

9-5/8" Intermediate Casing: Cement w/ 850 sx Interfill "C" (11.9 ppg, 2.41 ft³/sx). Tail w/ 200 sx Class "C" + 1% CaCl₂ (14.8 ppg, 1.32 ft³/sx).
Float Equipment: Float shoe w/float collar above shoe joint, 10 centralizers.

5-1/2" Production Casing: Cement w/500 sx Super "H" + .04% CFR-3 + 0.5% Halad-344 + 1 pps salt (13.0 ppg, 1.65 ft³/sx).
Estimate TOC @ 7500'.

5. Pressure Control Equipment:

The blowout preventer equipment (BOPE) shown in Exhibit D will be utilized for the 12-1/4" and 8-3/4" hole sections as follows:

- 2000 psi WP rating for the 12-1/4" section
- 5000 psi WP rating for the 8-3/4" hole section

The 2M BOPE assembly will consist of a 13-5/8" annular preventer nipped up on the surface casing. The 5M BOPE assembly will consist of a 5000 psi WP double ram-type preventer (4-1/2" pipe and blind rams) and a 5000 psi WP annular preventer (API RP53 Fig. 2c.5), nipped up on the 9-5/8" intermediate casing and used continuously until setting the 5-1/2" casing at total depth of 9750'.

BOPE will be tested as follows:

- Prior to drilling out from surface casing- test all BOPE to 1000 psi using rig pump
- Prior to drilling out from 9-5/8" casing – test ram-type preventers and choke manifold to 5000 psi and annular to 50% of rated WP using independent tester and test plug.

A rotating head will be installed on top of the annular preventer after setting the 9-5/8" casing @ $\pm 4000'$.

All BOP's will be hydraulically operated. Pipe rams will be operationally checked each 24 hour period. Blind rams will be operationally checked on each trip out of hole. The kill line will be 2" minimum and will include a remote connection. The choke line will be 3" minimum. A complete choke manifold schematic is shown in Exhibit E.

NOTE: Contractor choke manifold has 5000 psi rating. Hydraulic choke and remote choke line valve required for 8-3/4" hole section only.

6. Proposed Mud System:

The proposed mud system will be a combination of fresh water, brine, cut brine, and polymer gel. The depth and mud properties of the mud system are listed below.

Depth (MD)	Type	Weight (ppg)	Viscosity (sec)	Fluid Loss (cc)
0-750'	Fresh Water	8.3-8.8	28-30	Not Critical
750'-4000'	Brine	10.0	28-30	Not Critical
4000'-8200'	FW/Cut Brine	8.4-9.0	28-30	Not Critical
8200'-9750'	Gel/Starch	9.0-9.3	34-38	<15

Sufficient mud materials to maintain the above mentioned mud properties and meet minimum lost circulation and weight increase requirements will be kept at the location at all times.

7. Auxiliary Well Control and Monitoring Equipment:

- A Kelly cock will be kept in the drill string at all times.
- A full opening drill pipe stabbing valve (inside BOP) with proper drill pipe connections will be on the rig floor at all times.
- A mud logging unit complete with H2S detector will be monitoring drilling penetration rate and hydrocarbon shows from 4000' to TD.
- PVT/FLO-sensor equipment will be rigged up and operating at 8200' (prior to drilling into the Wolfcamp formation).

8. Drillstem Testing, Logging and Coring Programs:

- Drillstem tests: None planned
- Electric logs: CNL-LDL-DLL-MSFL-LSS: TD to 4000' (CNL-GR to surface).
- Coring: None planned

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

No abnormal pressures and/or temperatures are anticipated. Estimated BHP in the Wolfcamp is ± 3900 psi and Morrow is ± 4200 psi. No hydrogen sulfide or other hazardous gases or fluids are expected on this location, but equipment will be rigged up as a precaution (see attached H2S operating plan).

10. Anticipated Starting Date and Duration of Operations:

The anticipated start date will be August 15, 2003. Once commenced, drilling operations should be completed in approximately 25 days. If the well is productive, another 20 days will be required for completion work and facility installation.

**SURFACE USE PLAN
MATADOR OPERATING COMPANY
Nancy Federal 8 Com #1
810' FSL & 1880' FEL
Sec 8, T25S, R37E
Lea County, New Mexico**

1. EXISTING ROADS – Area map, Exhibit “A”, is a reproduction of the appropriate part of the U.S.G.S. New Mexico 7-1/2 minute quadrangle. Existing roads are shown on the exhibit and the road to be used on the referenced well is marked. All roads shall be maintained in a condition equal to that which existed prior to start of construction.
 - A. Exhibit “A” shows the proposed well site as staked.
 - B. Directions: From Jct. Of SH 18 and SH 128 in Jal, NM, go North 0.6 miles on SH 18. Turn off on lease road and go Northeast 0.9 miles, then North 0.3 miles, then West 0.2 miles to a point ±200' North of location.
2. PLANNED ACCESS ROADS – Existing lease roads with estimated 200' new road construction directly adjacent to location.
3. LOCATION OF EXISTING WELLS ON A ONE-MILE RADIUS
 - A. Water wells - NA.
 - B. Disposal wells - NA.
 - C. Drilling wells - NA.
 - D. Producing wells – As shown on Exhibit “C”.
 - E. Abandoned wells- As shown on Exhibit “C”.
4. If upon completion, the well is a producer, Matador Operating Company will furnish maps or plats showing On Well Pad Facilities and Off Well Pad Facilities (if needed) on a Sundry Notice before construction of these facilities starts.

5. LOCATION AND TYPE OF WATER SUPPLY

Water will be purchased locally from a private source and trucked over the access road.

6. SOURCE OF CONSTRUCTION MATERIALS

If needed, construction materials will be obtained from the drill site's excavations, or from a local source. These materials will be transported over the access route as shown in Exhibit "A".

7. METHODS FOR HANDLING WASTE DISPOSAL.

- A.
 - 1. Drill cuttings will be disposed of in the reserve pit.
 - 2. Trash, waste paper, and garbage will be contained in a fenced trash trailer to prevent wind-scattering during storage. When the rig moves out, all trash and debris will be hauled to an approved land-fill site.
 - 3. Salts remaining after completion of the well will be picked up by the supplier, including broken sacks.
 - 4. Sewage from trailer houses will drain into holes with minimum depth of 10'00". These holes will be covered during drilling and back-filled upon completion. A "porta-john" will be provided for the rig crews. This will be properly maintained during the drilling operations and removed upon completion of the well.
 - 5. Chemicals remaining after completion of the well will be stored in the manufacturer's containers and picked up by the supplier.
- B. Remaining drilling fluids will be allowed to evaporate in the reserve pit until the pit is dry enough for back-filling. In the event drilling fluids will not be evaporated in a reasonable period of time, they will be transported by a tank truck to a state approved disposal site.

Water produced during testing of the well will be disposed of in the reserve pit. Oil produced during testing of the well will be stored in test tanks until sold and hauled from the site.

8. ANCILLARY FACILITIES

No camps or airstrips will be constructed.

9. WELL SITE LAYOUT

- A. Exhibit "B" shows the proposed well site layout.
- B. This exhibit indicates proposed location of the reserve pits and trash trailer.
- C. Mud pits in the active circulating system will be steel pits.
- D. The reserve pit is to be lined with a poly-ethylene liner. The pit liner will be a minimum of 6 mils thick. The pit liner will extend a minimum of 2'00" over the reserve pit dikes where the liner will be anchored down.
- E. The reserve pit will be fenced on three sides with four strands of barbed wire during drilling and completion phases. The fourth side will be fenced after all drilling operations have ceased. If the well is a producer, the reserve pit fence will be torn down. The reserve pit and those areas of the location not essential to production facilities will be reclaimed and seeded per BLM requirements.

10. PLANS FOR RESTORATION OF SURFACE

Rehabilitation of the location and reserve pit will start in a timely manner after all drilling operations cease. The type of reclamation will depend on whether the well is a producer or dry hole.

In either event, the reserve pit will be allowed to dry properly, and fluid removed and disposed of in accordance with Article 7.B as previously noted. The pit area will then be leveled and contoured to conform to the original and surrounding area as closely as is possible. Drainage system, if any, will be reshaped to the original configuration with provisions made to alleviate erosion. These may need to be modified in certain circumstance to prevent inundation of the location pad and surface facilities. After the area had been shaped and contoured, topsoil from the soil pits will be placed over the disturbed area to the extent possible. Revegetation procedures will comply with BLM standards.

Should the well be a producer, the previously noted procedures will apply to those areas which are not required for production facilities.

11. OTHER INFORMATION

- A. The topography is primarily flat terrain/low dunes with vegetation consisting of mesquite and native grasses. The soils are sandy and very shallow.
- B. The surface owner is the Jal Public Library, P O Box 178, Jal, NM 88252. The contact person is Glenna Buhalts.
- C. An archaeological study has been conducted for the location and road. Archeological survey submitted under separate cover.
- D. There are no buildings in the area.
- E. This location is within the restricted area (Conical Zone) of the Lea County (Jal) Airport. The FAA has completed an aeronautical study and determined this project does not exceed height obstruction standards (see attached FAA permit).

12. OPERATOR'S REPRESENTATIVE

Matador Operating Company's field representative for contact regarding compliance with the Surface Use Plan is:

Before, during, and after construction:

Jim Kramer

8340 Meadow Road #150

Dallas, TX 75231

Office: 214-987-7128

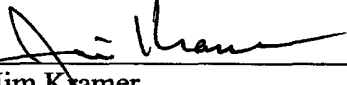
Mobile: 432-553-3542

Res: 972-377-3281

13. CERTIFICATION

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site 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 that the work associated with the operations proposed herein will be performed by Matador Operating Company and its contractors/ 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.

Name:


Jim Kramer
Sr. Drilling Engineer

Date: 6/23/03

HYDROGEN SULFIDE DRILLING OPERATIONS PLAN

MATADOR OPERATING COMPANY

Nancy Federal 8 Com #1
810' FSL & 1880' FEL
SEC. 8, T25S, R37E
Lea COUNTY, NM

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:

1. The hazards and characteristics of hydrogen sulfide (H₂S).
2. The proper use and maintenance of personal protective equipment and life support systems.
3. The proper use of H₂S detectors, alarms, warning systems, briefing areas, evacuation procedures, and prevailing winds.
4. The proper techniques of first aid and rescue procedures.

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

1. The effect of H₂S on metal components. If high tensile tubulars are to be used, personnel will be trained in their special maintenance requirements.
2. Corrective action and shut-in procedures when drilling or reworking a well and blowout prevention and well control procedures.
3. The contents and requirements of the H₂S Drilling Operations Plan.

There will be an initial training session just prior to encountering a known or probable H₂S zone (within 3 days or 500 feet) and weekly H₂S and well control drills for all personnel in each crew. The initial training session shall include a review of the site specific H₂S Drilling Operations 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. H2S Safety Equipment and Systems.

NOTE: All H2S safety equipment and systems will be installed, tested, and operational when drilling reaches a depth of 500 feet above or three days prior to penetration the first zone containing or reasonable expected to contain H2S.

1. Well Control Equipment:

- A. Flare line.
- B. Choke manifold.
- C. Blind rams and pipe rams to accommodate all pipe sizes with properly sized closing unit.
- D. Auxiliary equipment to include: annular preventer

2. Protective equipment for essential personnel:

- A. 5-minute escape units located in the dog house and 30-minute air units at briefing areas, as indicated on well site diagram.

3. H2S detection and monitoring equipment.

- A. 3-portable H2S monitors positioned on location for best coverage and response. These units have warning lights and audible sirens when H2S levels of 20 PPM are reached.
- B. 1-portable SO2 monitor positioned near flare line during H2S flaring operations.

4. Visual warning systems:

- A. Wind direction indicators as shown on well site diagram.
- B. 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 a readable distance from the immediate location.

5. Mud Program:

The mud program has been designed to minimize the volume of H₂S circulated to the surface. Proper mud weight safe drilling practices and the use of H₂S scavengers when necessary will minimize hazards when penetrating H₂S bearings.

6. Metallurgy:

A. All drill strings, casings, tubing, wellhead, blowout preventers, drilling spools kill lines, choke manifold and lines valves shall be suitable for H₂S service.

B. All elastomers used for packing and seals shall be H₂S trimmed.

7. Communications:

A. Radio communications will be available in company vehicles and rig dog house.

8. Well Testing:

A. Drill stem testing will be performed with a minimum number of personnel in the immediate vicinity, which are necessary to safely and adequately conduct the test. The drill stem testing of any known formation that contains H₂S will be conducted during daylight hours.



Federal Aviation Administration
Southwest Regional Office
ASW-520
Fort Worth, TX 76137-0520

RECEIVED JUN 11 2003
Aeronautical Study No.
2003-ASW-3037-OE

Issued Date: 6/9/2003

JIM KRAMER
MATADOR OPERATING CO
8340 MEADOW ROAD #150
DALLAS, TX 75231

**** DETERMINATION OF NO HAZARD TO AIR NAVIGATION ****

The Federal Aviation Administration has completed an aeronautical study under the provisions of 49 U.S.C., Section 44718 and, if applicable, Title 14 of the Code of Federal Regulations, part 77, concerning:

Structure Type: DRILLING RIG/NANCY FEDERAL 8 COM NO 1
Location: JAL, NM
Latitude: 32-8-23.47 NAD 83
Longitude: 103-10-56.65
Heights: 156 feet above ground level (AGL)
3312 feet above mean sea level (AMSL)

This aeronautical study revealed that the structure does not exceed obstruction standards and would not be a hazard to air navigation provided the following condition(s), if any, is(are) met:

As a condition to this Determination, the structure should be marked and/or lighted in accordance with FAA Advisory Circular 70/7460-1 K, Obstruction Marking and Lighting, paint/red lights - Chapters 3 (Marked), 4, 5 (Red), & 12.

See attachment for additional condition(s) or information.

This determination expires on 12/9/2004 unless:

- (a) extended, revised or terminated by the issuing office.
- (b) the construction is subject to the licensing authority of the Federal Communications Commission (FCC) and an application for a construction permit has been filed, as required by the FCC, within 6 months of the date of this determination. In such case, the determination expires on the date prescribed by the FCC for completion of construction, or the date the FCC denies the application.

NOTE: REQUEST FOR EXTENSION OF THE EFFECTIVE PERIOD OF THIS DETERMINATION MUST BE POSTMARKED OR DELIVERED TO THIS OFFICE AT LEAST 15 DAYS PRIOR TO THE EXPIRATION DATE.

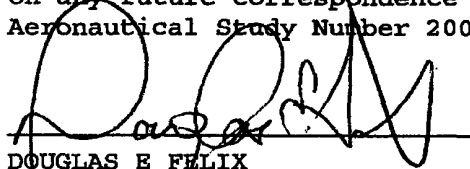
This determination is based, in part, on the foregoing description which includes specific coordinates, heights, frequency(ies) and power. Any changes in coordinates, heights, and frequencies or use of greater power will void this determination. Any future construction or alteration, including increase to heights, power, or the addition of other transmitters, requires separate notice to the FAA.

This determination does include temporary construction equipment such as cranes, derricks, etc., which may be used during actual construction of the structure. However, this equipment shall not exceed the overall heights as indicated above. Equipment which has a height greater than the studied structure requires separate notice to the FAA.

This determination concerns the effect of this structure on the safe and efficient use of navigable airspace by aircraft and does not relieve the sponsor of compliance responsibilities relating to any law, ordinance, or regulation of any Federal, State, or local government body.

A copy of this determination will be forwarded to the Federal Communications Commission if the structure is subject to their licensing authority.

If we can be of further assistance, please contact our office at (817)222-5537. On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2003-ASW-3037-OE.



DOUGLAS E FELIX
Specialist

(DNE) 184256

Attachment(s)
Additional Information

WELL SITE: Nancy Federal 8 Com.

Conditions for Operation of Temporary Drilling Rig

- The temporary drilling rig shall be obstruction flagged and lighted in accordance with FAA Advisory Circular 70/7460-1 Obstruction Marking and Lighting.

- Notify the Lea County Airport, Jal, New Mexico, Airport Manager, or his representative, prior to raising the temporary drilling rig and when the project is complete and the temporary drilling rig is removed from the site.

NOTE: This determination shall be valid for a period of 18 months. While the determination is valid, it is permissible to return the temporary drilling rig to the site without submitting a new FAA Form 7460-1, Notice of Proposed Construction or Alteration, provided the following conditions are met:

- The temporary drilling equipment does not exceed a maximum height of 156 feet above ground level (AGL)/3312 feet above mean sea level (AMSL).

- The Lea County, Jal, New Mexico, Airport Manager, or his representative, is notified prior to raising the temporary drilling rig and when the project is complete and the temporary drilling rig is removed from the site.

FAA FORM 7460-1, NOTICE OF PROPOSED CONSTRUCTION OR ALTERATION SHALL BE SUBMITTED FOR ANY TEMPORARY DRILLING EQUIPMENT THAT EXCEEDS THE MAXIMUM ALLOWABLE HEIGHT OF 156 FEET AGL / 3312 FEET AMSL.

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

State of New Mexico

Form C-102

Energy, Minerals, and Natural Resources Department

Revised August 15, 2000

DISTRICT II
1301 W. Grand Avenue, Artesia, NM 88210

OIL CONSERVATION DIVISION

Submit to Appropriate District Office

State Lease - 4 copies

Fee Lease - 3 copies

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

1220 South St. Francis Dr.

Santa Fe, New Mexico 87505

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-36387	² Pool Code ✓	³ Pool Name Wildcat Wolfcamp / Wildcat Morrow
⁴ Property Code 32526	⁵ Property Name NANCY FEDERAL "8" COM	⁶ Well Number 1
⁷ GRID No. 014245	⁸ Operator Name MATADOR OPERATING COMPANY	⁹ Elevation 3156'

Surface Location

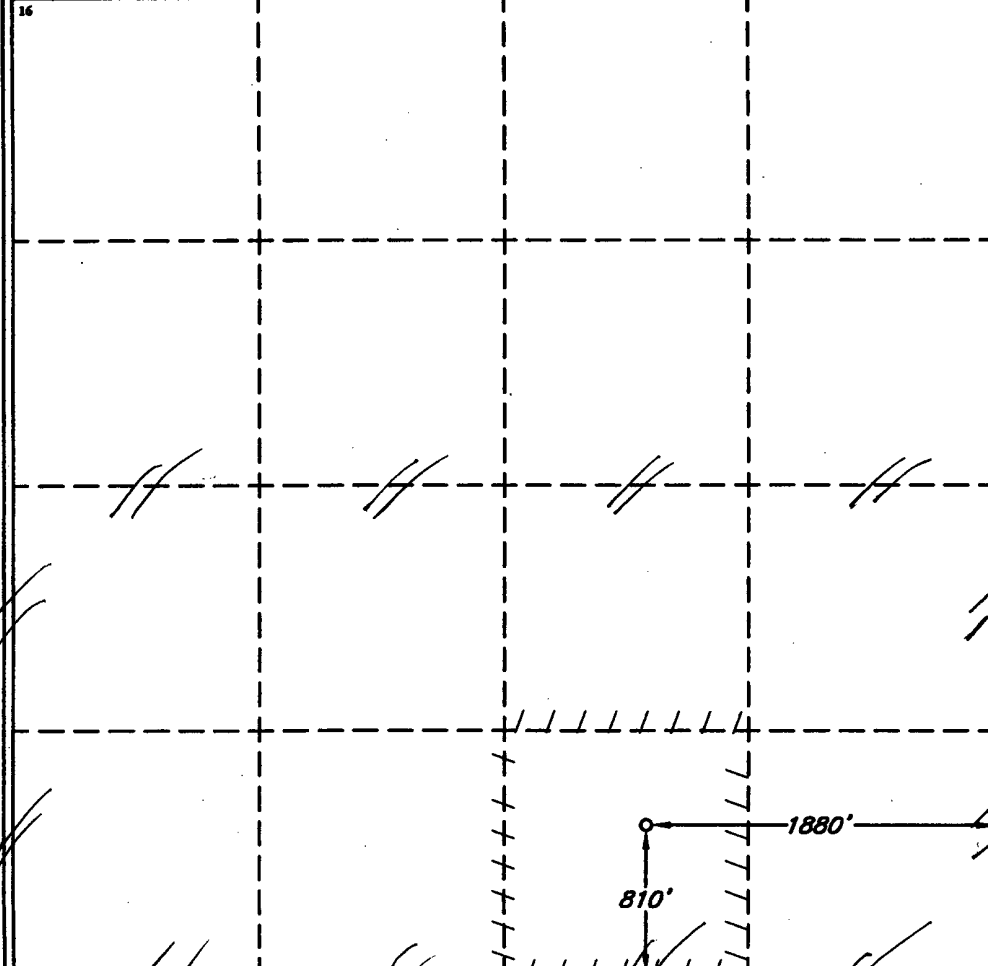
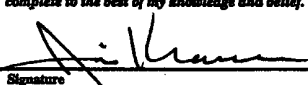
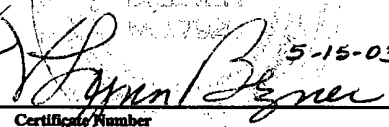
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
0	8	25 SOUTH	37 EAST, N.M.P.M.		810'	SOUTH	1880'	EAST	LEA

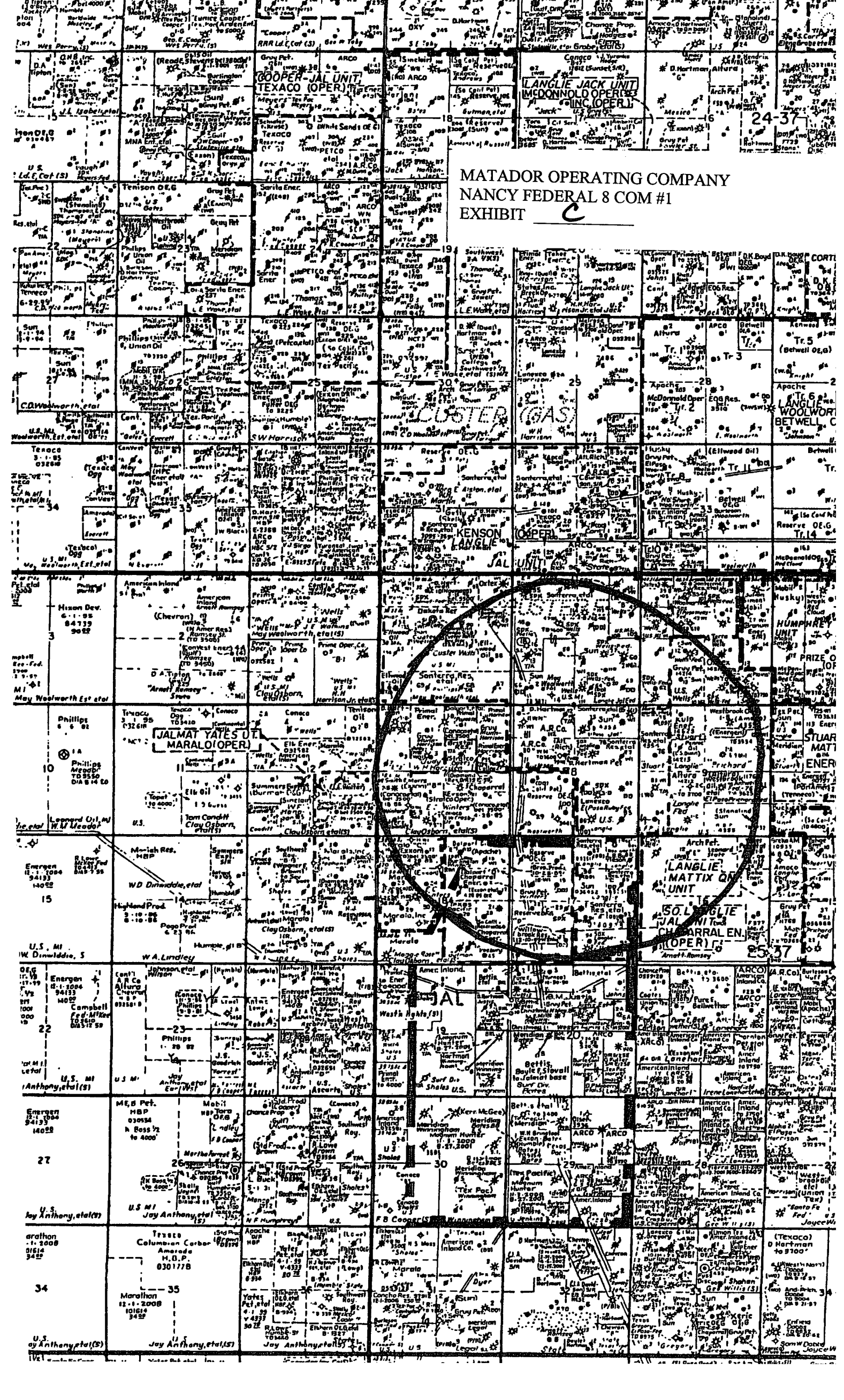
Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
¹² Dedicated Acres 40320	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.						

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

Per DK

<div><p>16</p></div>	17 OPERATOR CERTIFICATION <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i> <div>Signature: </div> <div>Printed Name: JIM KRAMER</div> <div>Title: SR. DRILLING ENGINEER</div> <div>Date: 6/23/03</div>	
	18 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>Date of Survey: MAY 8, 2003</div> <div>Signature and Seal of Professional Surveyor: </div> <div>Certificate Number: V. L. BEZNER R.P.S. #7920</div> <div>JOB #87732-A / 20 NW / J.C.P.</div>	



MATADOR OPERATING COMPANY
NANCY FEDERAL 8 COM #1
EXHIBIT C

MATADOR OPERATING COMPANY
 NANCY FEDERAL 8 COM #1
 810' FSL & 1880' FEL
 SEC 8, T25S, R37E
 LEA COUNTY, NEW MEXICO

EXHIBIT D
 BOP SCHEMATIC

(2M Rated Working Pressure)

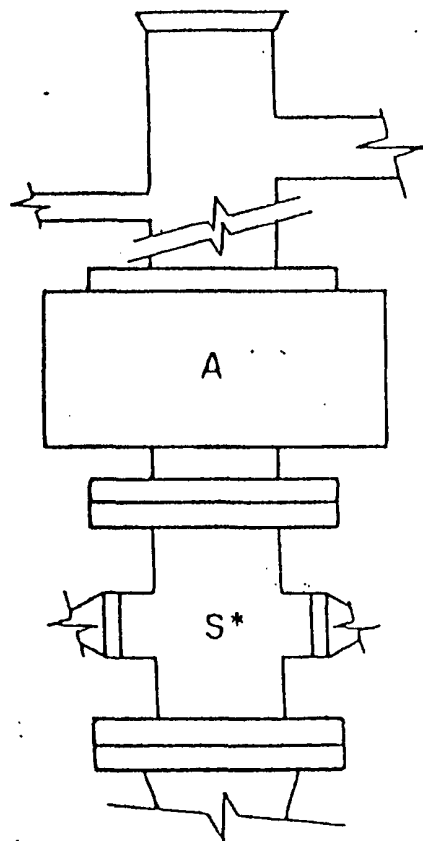


FIG. 2.C.1
 ARRANGEMENT S*A

(5M Rated Working Pressure)

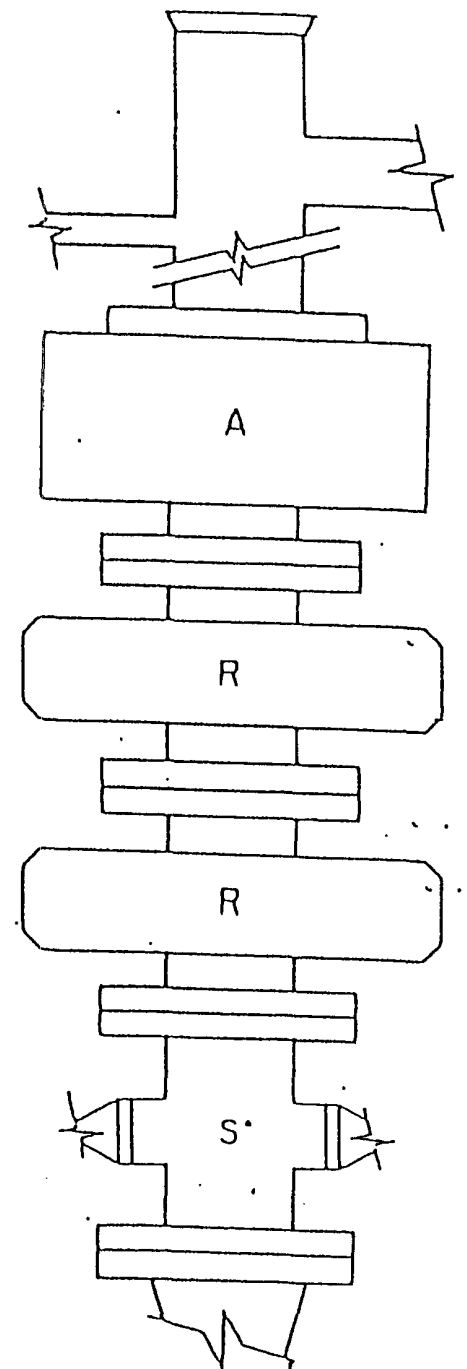


FIG. 2.C.5
 ARRANGEMENT S*RA
 Double Ram Type Preventers. R_d Options

LOCATION & ELEVATION VERIFICATION MAP



SCALE : 1" = 2000' CONTOUR INTERVAL 10 FEET

SECTION 8 TWP 25-S RGE 37-E
 SURVEY NEW MEXICO PRINCIPAL MERIDIAN
 COUNTY LEA STATE NM
 DESCRIPTION 810' FSL & 1880' FEL
 ELEVATION 3156'

OPERATOR MATADOR OPERATING COMPANY
 LEASE NANCY FEDERAL "8" COM #1

U.S.G.S. TOPOGRAPHIC MAP
JAL NW, NEW MEXICO

LAT. N 32°08'23"
 LONG. W 103°10'55"

N

TOPOGRAPHIC LAND SURVEYORS

Surveying & Mapping for the Oil & Gas Industry

This location has been very carefully staked on the ground according to the best official survey records, maps, and other data available to us.

Review this plat and notify us immediately of any possible discrepancy.

1307
 PAMPA,
 (800) MATADOR OPERATING COMPANY
 NANCY FEDERAL 8 COM #1
 EXHIBIT F

2903 N. BIG SPRING
 MIDLAND, TX. 79705
 (800) 767-1653

United States Department of the Interior
BUREAU OF LAND MANAGEMENT
Roswell Office
2909 West Second Street
Roswell, New Mexico 88201

Statement Accepting Responsibility for Operations

Operator name: Matador Operating Company
Street or box: 8340 Meadow Road, #150
City, State: Dallas, TX
Zip code: 75231

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

Lease No.: LC032511-E

Legal Description of Land: BLM Lease LC 032511 (e) covers the following tracts totaling 320 acres:


T25S-R37E, NMPM, New Mexico (Lea County)

Section 8: S/2 NE/4, SE/4
9: S/2 NW/4

Formation(s) (if applicable):

Bond Coverage: (State if individually bonded or another's bond)
Statewide

BLM Bond File No.: 29403

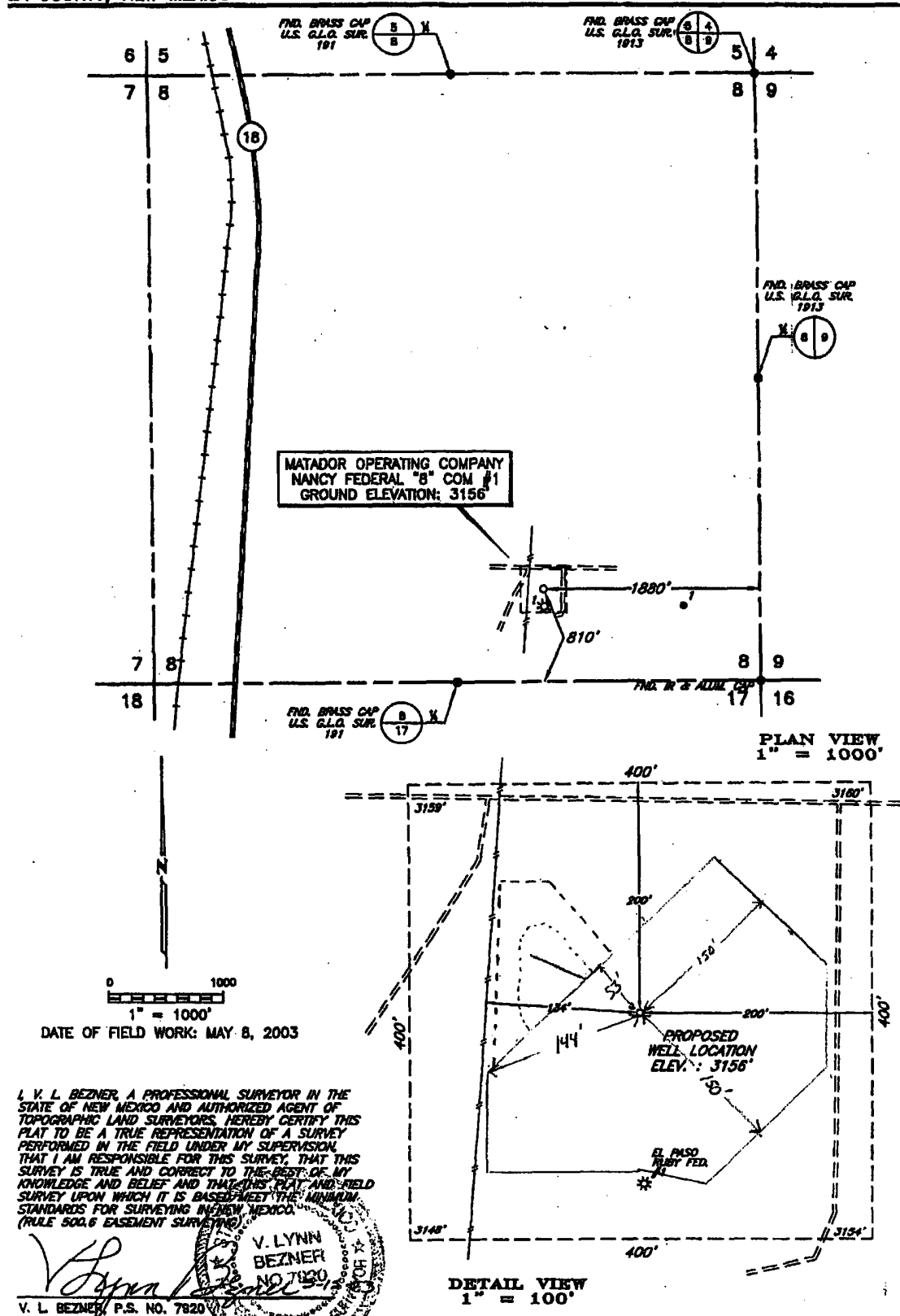
Authorized Signature: 

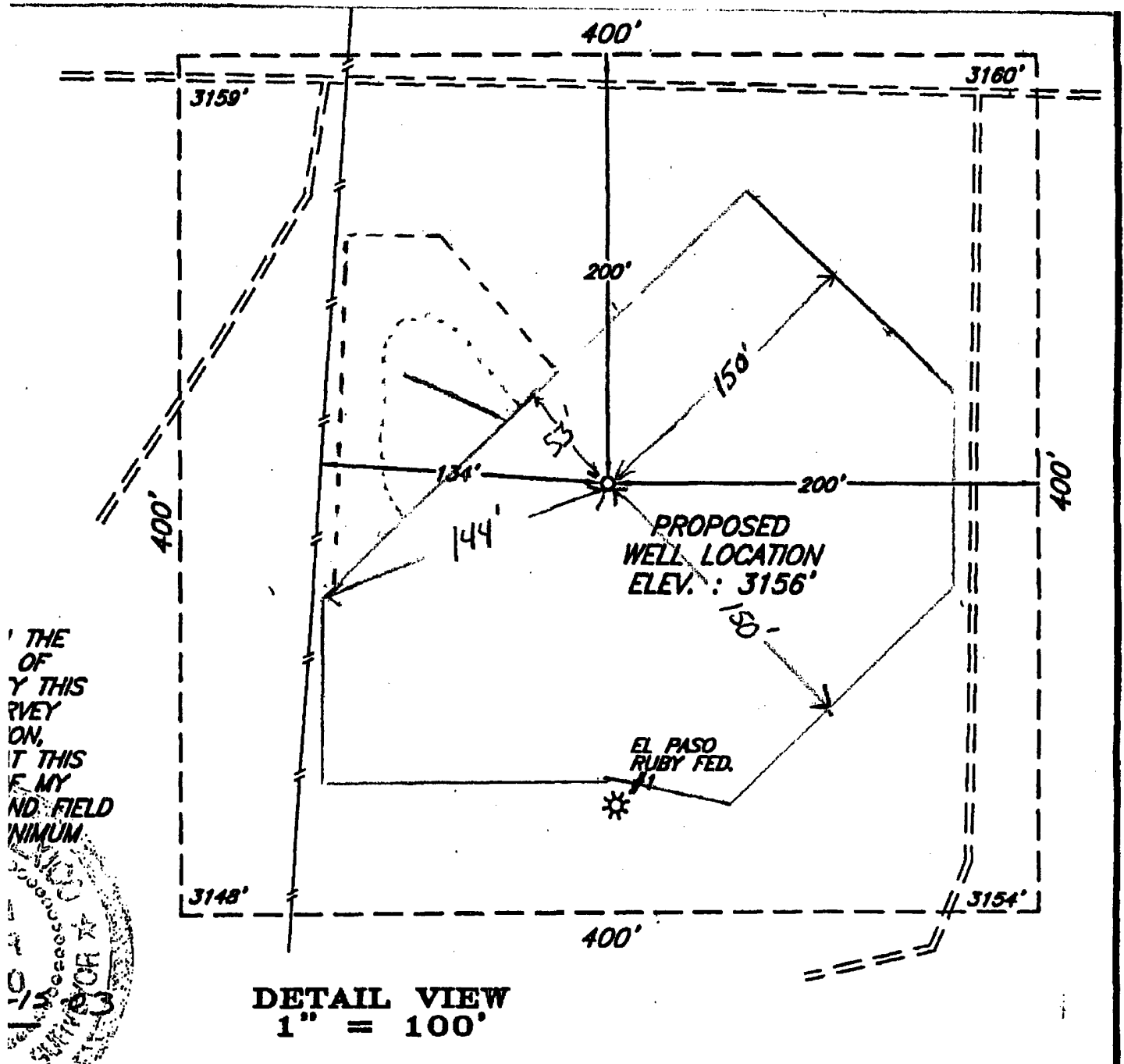
R. F. Burke

Title: Vice President

Date: 6-20-03

PLAT SHOWING PROPOSED
WELL LOCATION AND LEASE ROAD ...
SECTION 8, T-25-S, R-37-E, N.M.P.M.
DEA COUNTY, NEW MEXICO





MATADOR OPERATING COMPANY

SURVEYING AND MAPPING BY
TOPOGRAPHIC LAND SURVEYORS
 MIDLAND, TEXAS

SCALE: AS SHOWN
 DATE: MAY 8, 2003
 JOB NO.: 87732-AF

QUAD NO.: 20 NW

SHEET : 1 OF 1

United States Department of the Interior
BUREAU OF LAND MANAGEMENT
Roswell Office
2909 West Second Street
Roswell, New Mexico 88201

Statement Accepting Responsibility for Operations

Operator name: Tom Brown, Inc.
Street or box: P O Box 2608
City, State: Midland, TX
Zip code: 79702

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

Lease No.: LC032511-E

Legal Description of Land: BLM Lease LC 032511 (e) covers the following tracts totaling 320 acres.

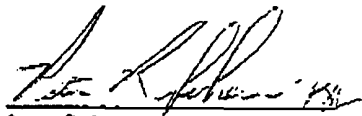
T25S-R37E, NMPM, New Mexico (Lea County)

Section 8: S/2 NE/4, SE/4
9: S/2 NW/4

Formation(s) (if applicable):

Bond Coverage: (State if individually bonded or another's bond)
Statewide

BLM Bond File No.: 1334

Authorized Signature: 

Pete Scherer

Title: Executive Vice President

Date: 8-26-03