

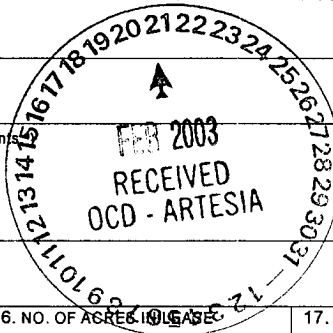
Oil Cons.
N.M. Div-Dist. 2
3501 W. Grand Avenue
Alamogordo, NM 88210
UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

File

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. NM-0144698
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR Mewbourne Oil Company 14744		7. UNIT AGREEMENT NAME 30798
3. ADDRESS AND TELEPHONE NO. P.O. Box 5270, Hobbs, NM 88241 (505) 393-5905		8. FARM OR LEASE NAME, WELL NO. Gatuna Canyon "S" Fed. Com #2
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface 1980' FNL & 1650' FWL At proposed prod. zone (F)		9. API WELL NO. 30-015-32652
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 15 miles East & 4 North of Carlsbad		10. FIELD AND POOL, OR WILDCAT Burton Flats East Morrow
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any) 1010'		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec.5, T20S, R29E
16. NO. OF ACRES ASSIGNED TO THIS WELL 320		12. COUNTY OR PARISH Eddy
17. NO. OF ACRES ASSIGNED TO THIS WELL 320		13. STATE NM
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 2660'		20. ROTARY OR CABLE TOOLS Rotary
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 3294' GL		22. APPROX. DATE WORK WILL START* 02/14/03



23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
26	X56, 20"	94#	325'	500 sacks Circulate to Surface
17-1/2"	J-55, 13-3/8"	54.5#	1200'	850 sacks Circulate to Surface
12-1/4"	J-55, 8-5/8"	32#	3000'	950 sacks Circulate to Surface
7 7/8	NF-20, 5 1/2"	17#	11,900'	500' Above Wellbore Camp.

Mewbourne Oil Company proposes to drill this well to a depth sufficient to test the Morrow Formation for the presence of hydrocarbons. If determined to be productive, the well will be equipped with 5-1/2" production casing to total depth. If determined to be nonproductive, the well will be plugged and abandoned in accordance with regulatory guidelines. Specific plans are outlined in the following attachments.

- 1) Location and Elevation Plat (NMOCD Form C102)
- 2) Drilling Program
- 3) Surface Use and Operation Plan
- 4) Schematic Diagram of Blowout Preventer and Choke Manifold (Exhibits 2 & 2A)
- 5) Map of existing and Planned Access Road and Location (Exhibit 3 & 3A)
- 6) List of Offset Wells
- 7) Proposed Drilling Rig Layout (Exhibit 5)
- 8) Proposed Production Facilities Layout (Exhibit 6)
- 9) Hydrogen Sulfide Contingency Plan (Exhibit 7)

**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 Terry Burke TITLE Drilling Foreman DATE 01/14/03
(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:

APPROVED BY /s/ LESLIE A. THEISS TITLE FIELD MANAGER DATE FEB 20 2003

*See Instructions On Reverse Side

APPROVAL FOR 1 YEAR

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.

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 87505

Instruction on back

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

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
		Burton Flat East Morrow
Property Code	Property Name	Well Number
	GATUNA CANYON "5" FEDERAL COM.	2
OGRID No.	Operator Name	Elevation
14744	MEWBOURNE OIL COMPANY	3294

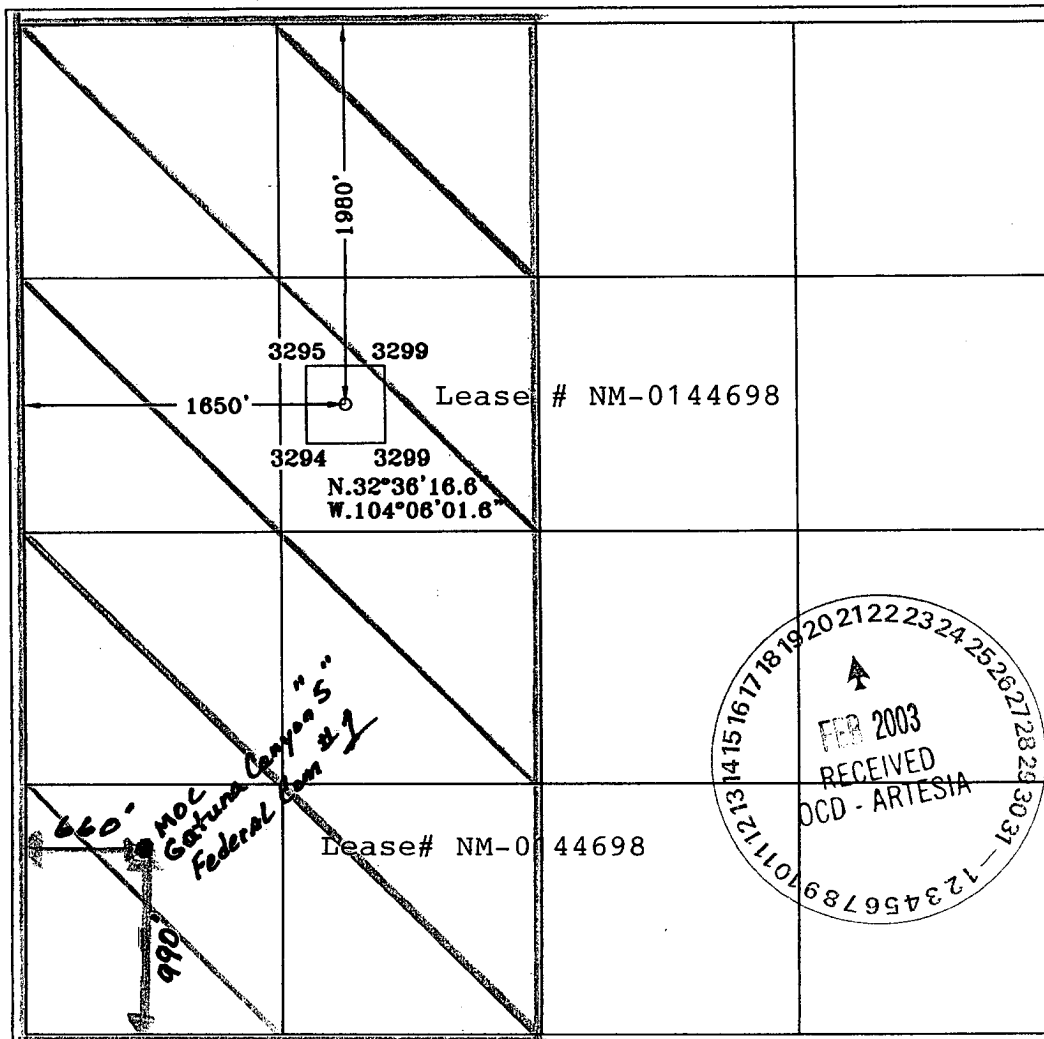
Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
F	5	20S	29E		1980	NORTH	1650	WEST	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.						
320									

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



OPERATOR CERTIFICATION

I hereby certify the the information
contained herein is true and complete to the
best of my knowledge and belief.

Terry Burke
Signature

Printed Name

Drilling Foreman

Title

January 14, 2003

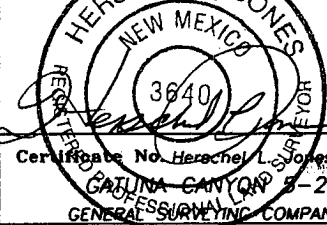
Date

SURVEYOR CERTIFICATION

I hereby certify that the well location shown
on this plat was plotted from field notes of
actual surveys made by me or under my
supervision, and that the same is true and
correct to the best of my belief.

1/10/2003

Date Surveyed

Signature & Seal of
Professional Surveyor

Certificate No. Herchel L. Jones RLS 3640

GATUNA CANYON 5-2
GENERAL SURVEYING COMPANY

Mewbourne Oil Company
BOP Schematic for
12 1/4" Hole

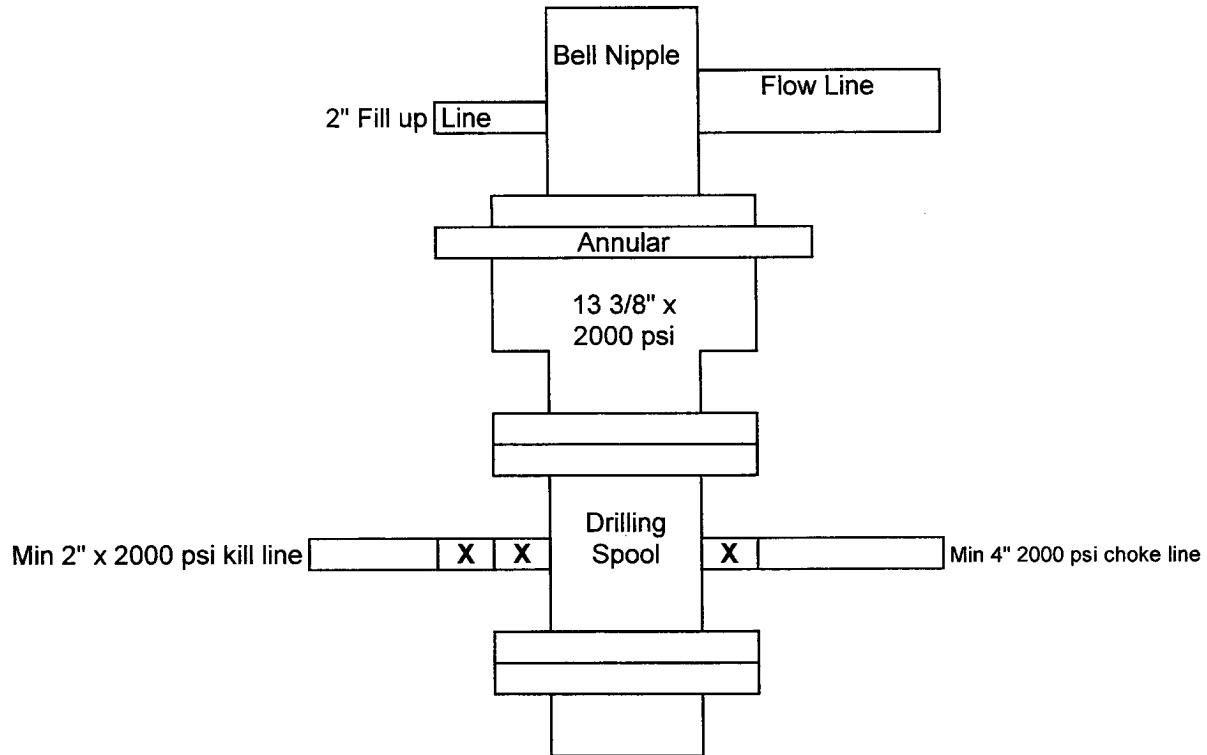


Exhibit #2

Gatuna Canyon "5" Fed Com # 2
1980' FNL & 1650' FWL
Sec.5; T20S; R29E
Eddy County, New Mexico

Mewbourne Oil Company
 BOP Scematic for
 8 3/4" or 7 7/8" Hole

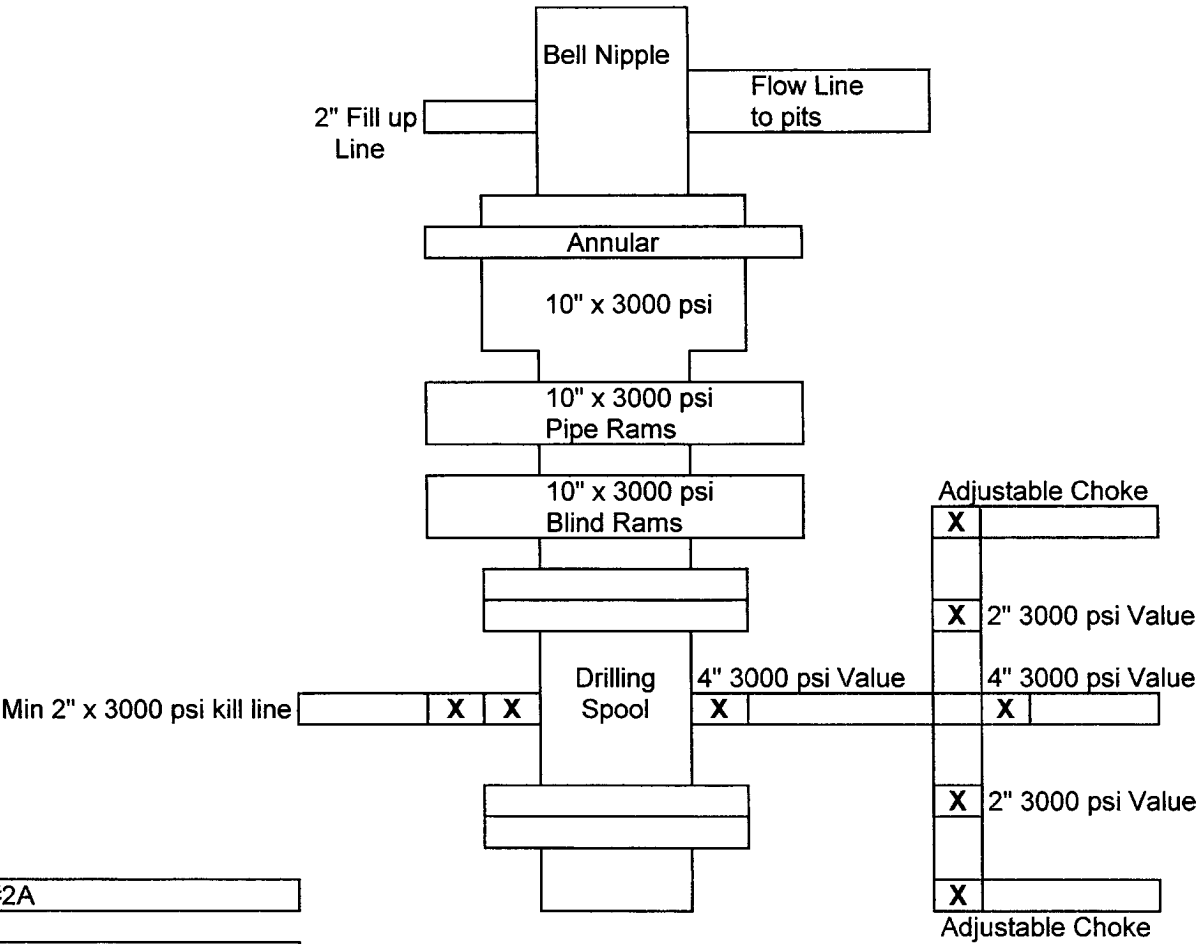


Exhibit #2A

Gatuna Canyon "5" Fed.Com # 2
 1980' FNL & 1650' FWL
 Sec.5; T20S; R29E
 Eddy County, New Mexico

Notes Regarding Blowout Preventer

Mewbourne Oil Company

Gatuna Canyon "5" Federal Com # 2

1980' FNL & 1650' FWL

Section 5- T20S-R29E

Eddy County, New Mexico

Lease Number NM-0144698

1. Drilling nipple (bell nipple) to be constructed so that it can be removed without the use of a welder through the opening of the rotary table, with minimum internal diameter equal to blowout preventer bore.
2. Blowout preventer and all fittings must be in good condition with a minimum 2000 psi working pressure.
3. Safety valve must be available on the rig floor at all times with proper connections to install in the drill string. Valve must be full bore with minimum 2000 psi working pressure.
4. Equipment through which bit must pass shall be at least as large as internal diameter of the casing.
5. A kelly cock shall be installed on the kelly at all times.
6. Blowout preventer closing equipment to include and accumulator of at least 40 gallon capacity, two independent sources of pressure on closing unit, and meet all other API specifications.