

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

416

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. LC-028784A
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR Marbob Energy Corporation		7. UNIT AGREEMENT NAME BURCH KEELY UNIT
3. ADDRESS OF OPERATOR P. O. BOX 227 Artesia, NM 88210		8. FARM OR LEASE NAME BURCH KEELY UNIT 6497
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 685 FNL 1305 FWL At proposed prod. zone SAME Unit D		9. WELL NO. 849
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* EAST OF ARTESIA ON HWY 82 APPROX 21.9 MILES		10. FIELD AND FOOT OR WILDCAT GRBG JACKSON SR & GRBG SA
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any) 685'		11. SEC., T., E., M., OR BLK. AND SURVEY OR AREA SEC. 24-T17S-R29E
16. NO. OF ACRES IN LEASE 640		12. COUNTY OR PARISH EDDY
17. NO. OF ACRES ASSIGNED TO THIS WELL 40		13. STATE NM
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 4800'		20. ROTARY OR CABLE TOOLS ROTARY
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 3596.2' GR		22. APPROX. DATE WORK WILL START* APRIL 25, 1999

PROPOSED CASING AND CEMENTING PROGRAM

HOLE SIZE	CASING SIZE	WEIGHT/FOOT	GRADE	THREAD TYPE	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8 5/8"	24#	J-55	LTC	350'	300 SX
7 7/8"	5 1/2"	17#	J-55	LTC	4800'	SUFFICIENT TO COVER 200' ABOVE ALL KNOWN OIL & GAS HORIZONS

PAY ZONE WILL BE SELECTIVELY PERFORATED AND STIMULATED AS
NEEDED FOR OPTIMUM PRODUCTIONATTACHED ARE: 1. LOCATION & ACREAGE DEDICATION PLAT
2. SUPPLEMENTAL DRILLING DATA
3. SURFACE USE PLANPost FD-1
5-7-99
API & LOC

MASTER SURFACE USE PLAN OF FILE AT BLM - ROSWELL

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, 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.

SIGNED Robin Cockrum TITLE Production Clerk DATE 3/25/99

(This space for Federal or State office use)

PERMIT NO. [s] Gary A. Stephens APPROVAL DATE Acting Assistant Field Office Manager,
LANDS AND MINERALS
APPROVED BY [s] Gary A. Stephens TITLE Acting Assistant Field Office Manager,
LANDS AND MINERALS
CONDITIONS OF APPROVAL, IF ANY: DATE APR 26 1999

RECEIVED

MAR 26 '99

BLM
ROSWELL, NM

OIL CONSERVATION DIVISION

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

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

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

DISTRICT III
P.O. Box 1000 Rio Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

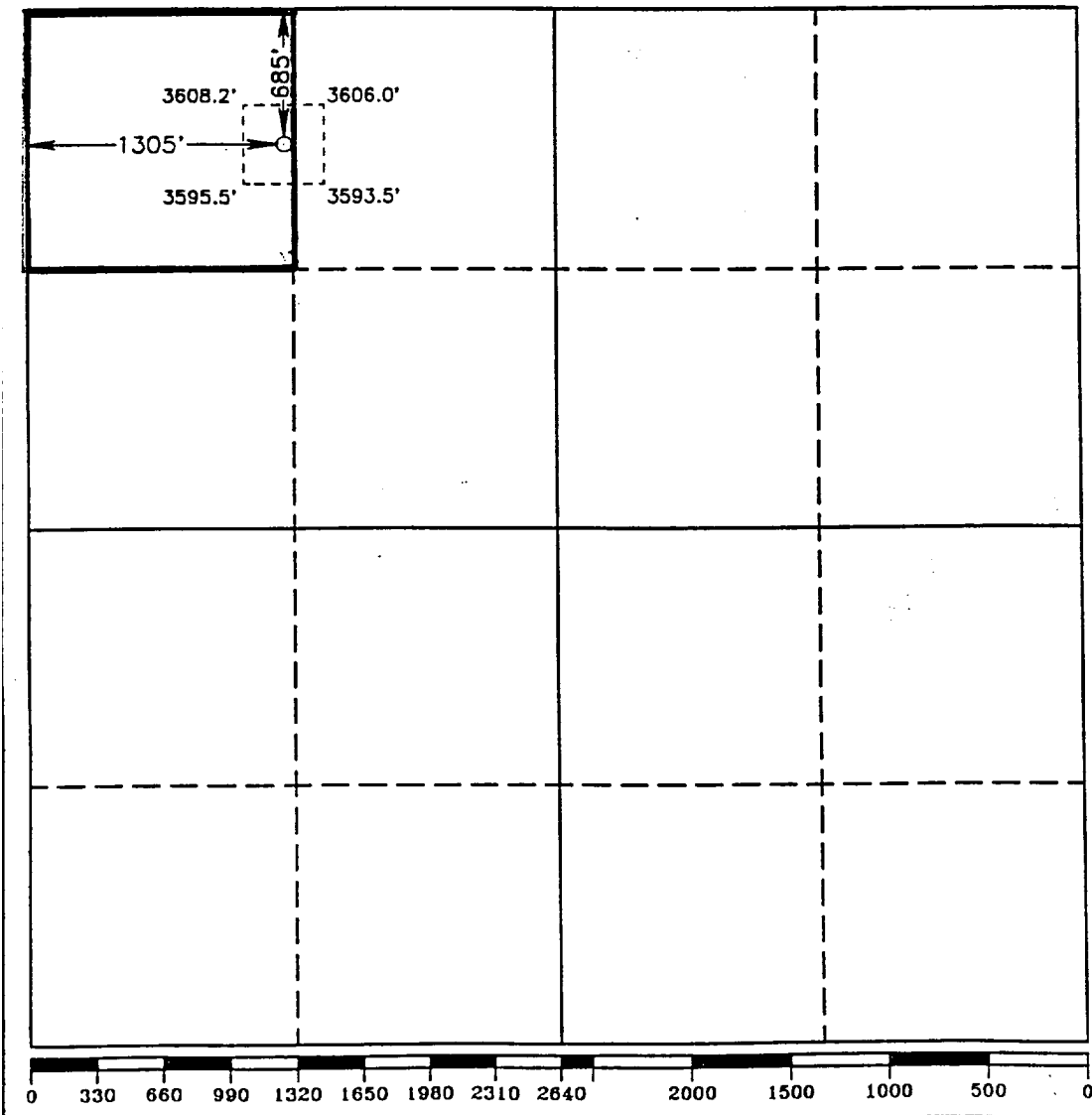
All Distances must be from the outer boundaries of the section

Operator MARBOB ENERGY CORP.		OGRID: 14049	Lease BURCH KEELY UNIT	PROPERTY NO.: 6497	Well No. 849
Unit Letter D	Section 24	Township 17 SOUTH	Range 29 EAST	NMPM	County EDDY

Actual Footage Location of Well:

685 feet from the NORTH line and	1305 feet from the WEST line
Ground Level Elev. 3596.2'	Producing Formation Grayburg San Andres
Pool CODE: 28509	Dedicated Acreage: 40 Acres
Grbg Jackson SR Q Grbg SA	

- Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- If more than one lease of different ownership is dedicated to the well, have the interest of all owners been consolidated by communization, unitization, force-pooling, etc.?
☐ Yes ☐ No If answer is "yes" type of consolidation _____
If answer is "no" list of owners and tract descriptions which have actually been consolidated. (Use reverse side of this form necessary.)
No allowable will be assigned to the well unit all interests have been consolidated (by communization, unitization, forced-pooling, otherwise) or until a non-standard unit, eliminating such interest, 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.

Robin Cockrum
Signature

ROBIN COCKRUM

Printed Name

PRODUCTION ANALYST

Title

3/25/99

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 knowledge and belief.

Date Surveyed

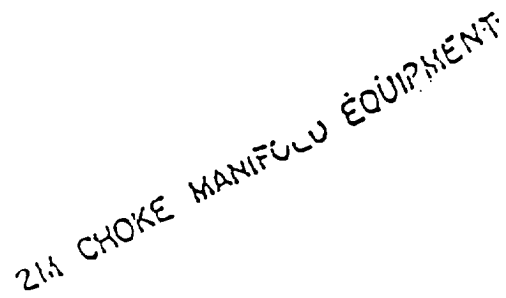
MAY 29, 1993

Signature & Seal of
Professional Surveyor

Gary L. Jones
NEW MEXICO
7917
GARY L. JONES
Certified to: JOHN W. WEST, 676
JOSIAH L. EIDSON, 3239
GARY L. JONES, 7977

93-11-0945

10"/900 Cameron SS Space Saver
3000# Working Pressure
3.000# Working Pressure Choke Manifold



Burch Keely Unit No. 849
685' FNL and 1305' FWL
Section 24-17S-29E
Eddy County, New Mexico
Exhibit #1

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, 3000 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 3000 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.