

District I  
 PO Box 1980, Hobbs, NM 88241-1980  
 District II  
 PO Drawer DD, Artesia, NM 88211-0719  
 District III  
 100 Rio Brazos Rd., Aztec, NM 87410  
 District IV  
 PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico  
 Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION  
 PO Box 2088  
 Santa Fe, NM 87504-2088

Form C-101  
 Revised February 10, 1994  
 Instructions on back  
 Submit to Appropriate District Office  
 State Lease - 6 Copies  
 Fee Lease - 5 Copies

AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

Operator Name and Address: MURCHISON OIL & GAS, ICN. 1445 ROSS AVE., SUITE 5300, LB 152 DALLAS, TX. 75202-2883		OGRID Number 015363
Property Code 8127		API Number 30-025-34687
Property Name JACKSON UNIT		Well No. 7

U.L. or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
J	15	24S	33E		1980	SOUTH	1980	EAST	LEA

U.L. or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
Proposed Pool 1 JOHNSON RANCH WOLFCAMP					Proposed Pool 2				

Work Type Code N	Well Type Code G	Cable/Rotary R	Lease Type Code S	Ground Level Elevation 3611'
Multiple NO	Proposed Depth 14000'	Formation WOLFCAMP	Contractor PATTERSON	Spud Date 9/15/99

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
17 1/2	13 3/8	68	800	800	SURFACE
12 1/4	9 5/8	47	5260	1780	SURFACE
8 1/2	7	29	12600	1375	4750
6 1/8	4 1/2 or 3 1/2	15.1 or 10.3	14000-12300	220	12300

Describe the proposed program. If this application is to DEEPEN or PLUG BACK give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

DRILL, CASE & COMPLETE WELL IN WOLFCAMP FORMATION  
 BOP'S INCLUDE 1) HYDRILL DOUBLE RAM 11" x 5000 PSI  
 2) CHOKE MANIFOLD 4" x 5000 PSI FLANGED CONNECTION  
 3) SIX STATION ACCUMULATOR CLOSING UNIT w/ REMOTE CONTROL

Permit Expires 1 Year From Approval  
 Date Unless Drilling Underway

I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Signature: *Michael S. Daugherty*  
 Printed name: MICHAEL S. DAUGHERTY  
 Title: VICE PRESIDENT OPERATIONS  
 Date: \_\_\_\_\_  
 Phone: (214) 953-1414

OIL CONSERVATION DIVISION	
Approved by:	Original signed by
Title:	Orig. Signed by
Approval Date: Paul Kautz	Expiration Date: AUG 31 1999
Geologist	
Conditions of Approval: Attached <input type="checkbox"/>	

120

*Handwritten initials*



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

OIL CONSERVATION DIVISION

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

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

AMENDED REPORT

DISTRICT IV  
P.O. BOX 2088, SANTA FE, N.M. 87504-2088

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-34687		Pool Code 79335	Pool Name JOHNSON RANCH WOLFCAMP
Property Code 8127	Property Name JACKSON UNIT		Well Number 7
OGRID No. 015363	Operator Name MURCHISON OIL & GAS INC.		Elevation 3611

Surface Location

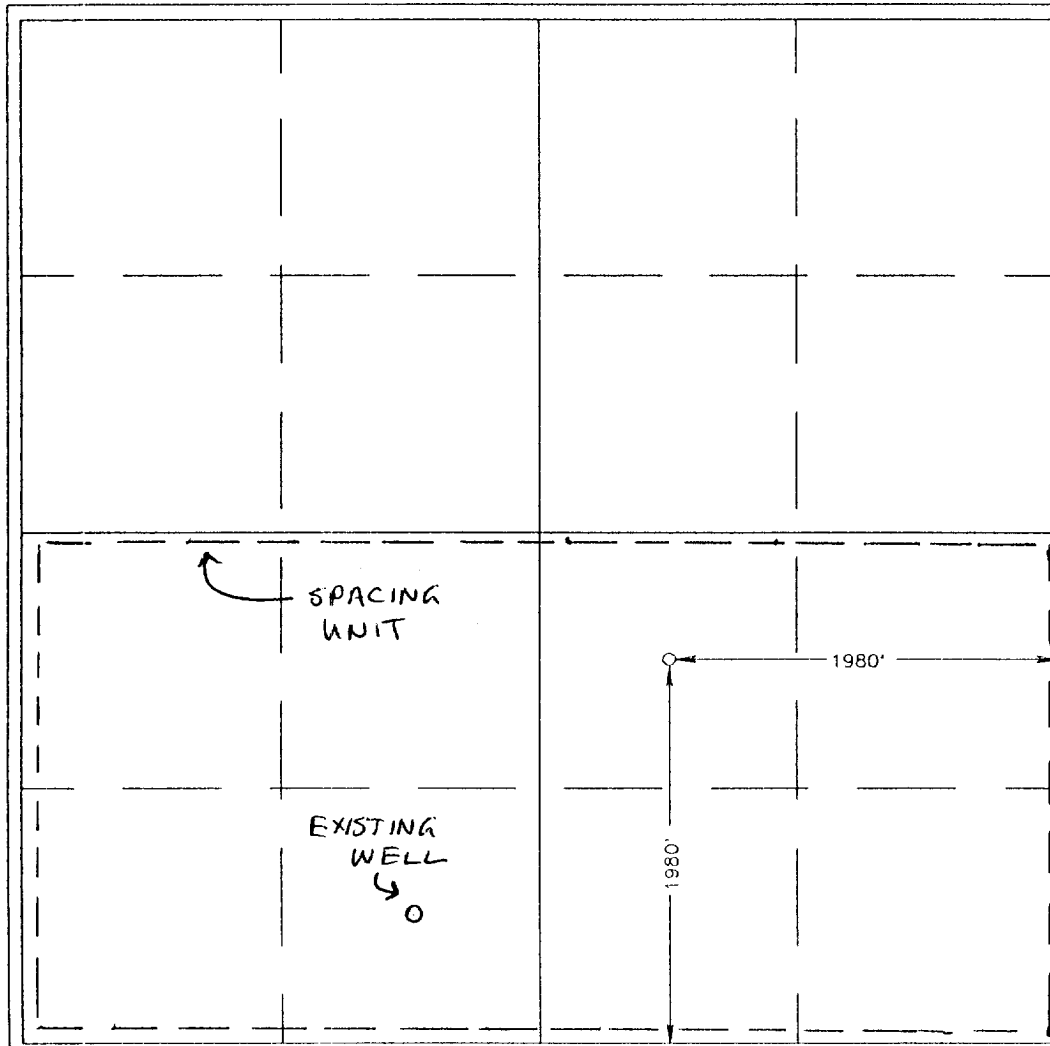
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
J	15	24 S	33 E		1980	SOUTH	1980	EAST	LEA

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

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.

*Michael S. Daugherty*  
Signature

MICHAEL S. DAUGHERTY  
Printed Name

VICE PRESIDENT OPERATIONS  
Title

8/30/99  
Date

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**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.

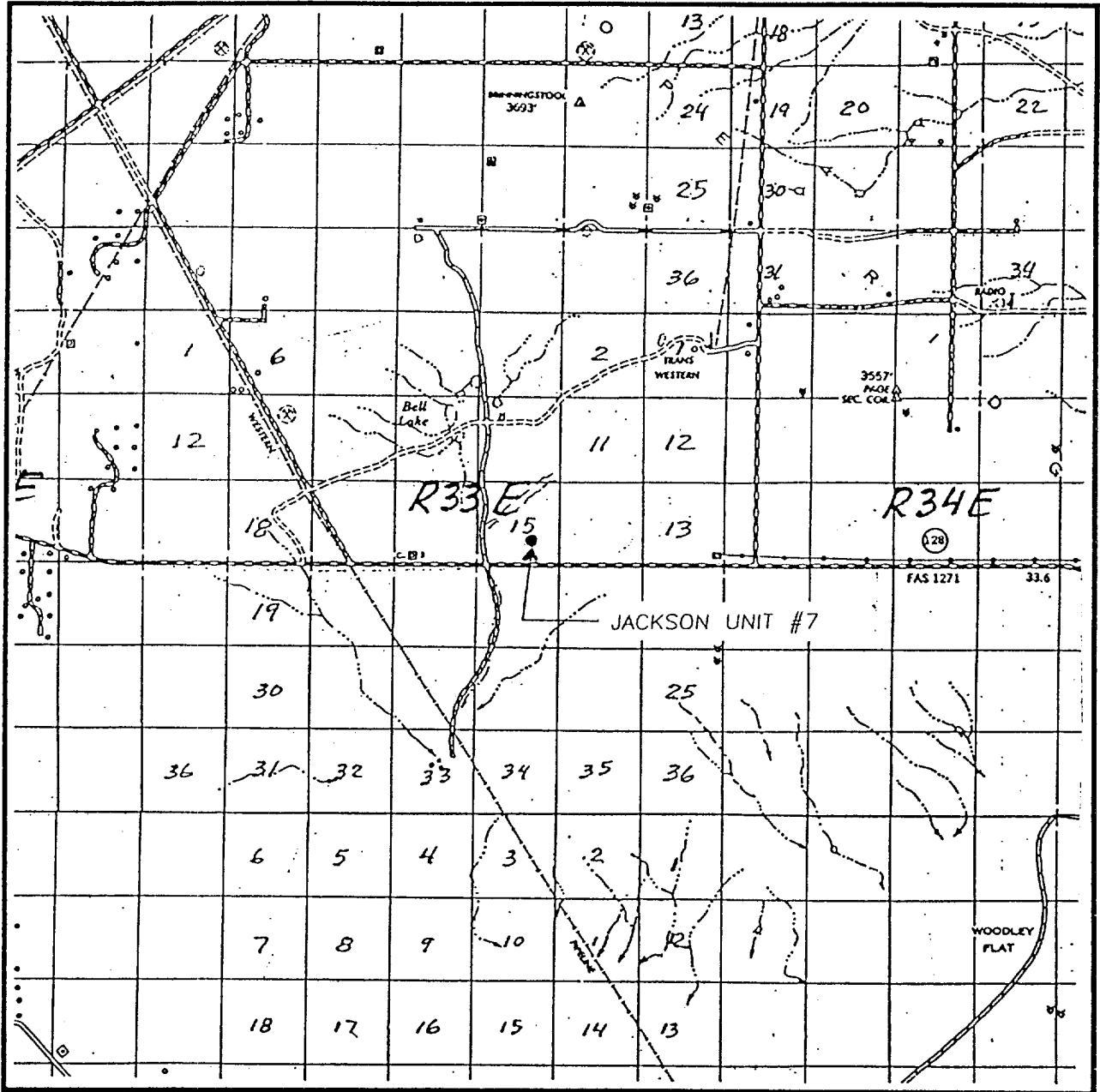
AUGUST 25, 1999  
Date Surveyed

DMCC

Signed and sealed  
Professional Surveyor  
RONALD S. EDISON  
3239  
8-26-99  
49-11-0689

State No. RONALD S. EDISON 3239  
CARNEDISON 12641  
MCDONALD 12185

# VICINITY MAP



SCALE: 1" = 2 MILES

SEC. 15 TWP. 24-S RGE. 33-E

SURVEY N.M.P.M.

COUNTY LEA

DESCRIPTION 1980' FSL & 1980' FEL

ELEVATION 3611

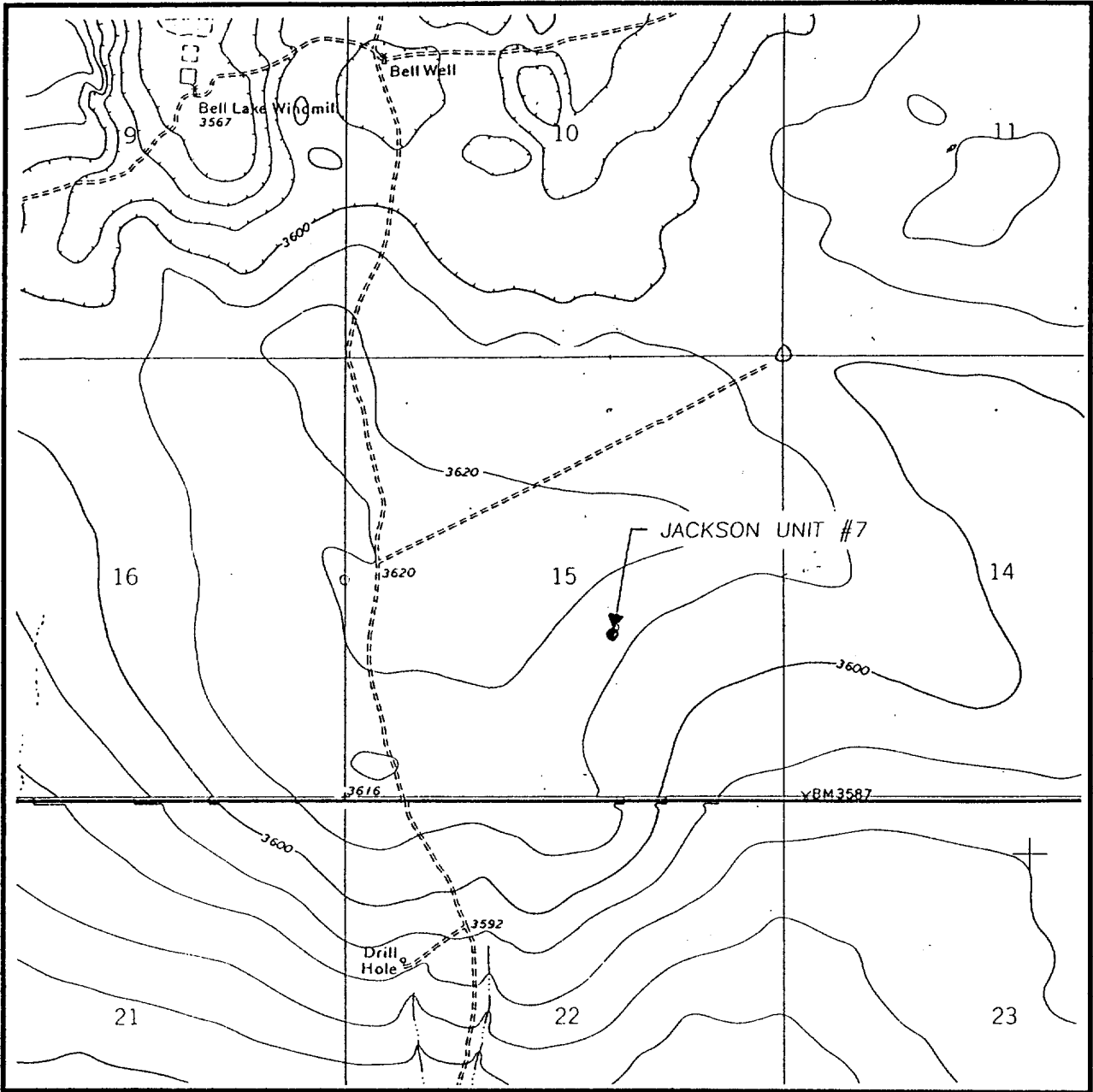
OPERATOR MURCHISON OIL & GAS INC.

LEASE JACKSON UNIT

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



# LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL:  
BELL LAKE- 10'

SEC. 15 TWP. 24-S RGE. 33-E

SURVEY N.M.P.M.

COUNTY LEA

DESCRIPTION 1980' FSL & 1980' FEL

ELEVATION 3611

OPERATOR MURCHISON OIL & GAS INC.

LEASE JACKSON UNIT

U.S.G.S. TOPOGRAPHIC MAP

BELL LAKE, N.M.

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

ELF  
12/5/99  
ABOVE DATE DOES NOT  
INDICATE WHEN  
CONFIDENTIAL LOGS  
WILL BE RELEASED

