

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
PO Drawer DD, Artesia, NM 88211-0719
District III
1000 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, INC. 1445 ROSS AVE., STE. 5300, LB 152 DALLAS, TX. 75202-2883		OGRID Number 015363
		API Number 30-025-34623
Property Code 8127	Property Name JACKSON UNIT	Well No. 6

7 Surface Location

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
H	21	24 S	33 E		1650	NORTH	660	EAST	LEA

8 Proposed Bottom Hole Location If Different From Surface

UL 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
Multiple NO	Proposed Depth 14000	Formation WOLFCAMP	Contractor PATTERSON	Spud Date 6/1/99

21 Proposed Casing and Cement Program

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	40	5260	1780	SURFACE
8 3/4	7	26 & 29	12600	1375	4750
6 1/8	4 1/2 or 3 1/2	15.1 or 10.3	14000 - 12300	220	12300

12 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: <i>Michael S. Daugherty</i>		OIL CONSERVATION DIVISION	
Printed name: MICHAEL S. DAUGHERTY		Approved by: ORIGINAL SIGNED BY CHRIS WILLIAMS	
Title: VICE PRESIDENT OPERATIONS		Title: DISTRICT I SUPERVISOR	
Date: 5/10/99	Phone: (214) 953-1414	Approval Date: MAY 14 1999	Expiration Date:
		Conditions of Approval: Attached <input type="checkbox"/>	

5/10/99

MP

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State of New Mexico

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Form C-102

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OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-34623	Pool Code 79335	Pool Name Johnson Ranch; Wolfcamp
Property Code 8127	Property Name JACKSON UNIT	Well Number 6
GRID No. 15363	Operator Name MURCHISON OIL & GAS, INC.	Elevation 3582

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	21	24 S	33 E		1650	NORTH	660	EAST	LEA

Bottom Hole Location If Different From Surface

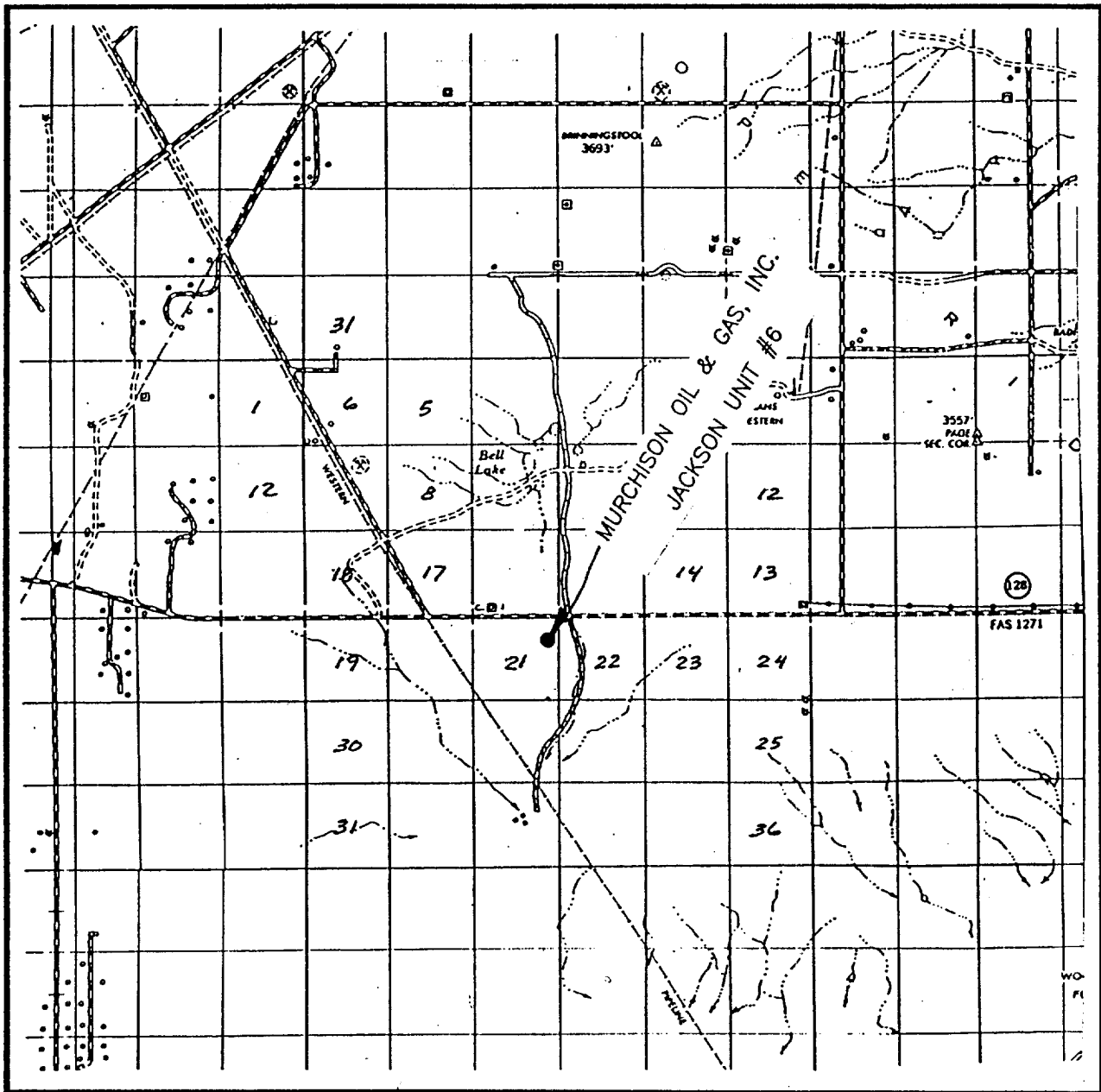
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

Dedicated Acres 320	Joint or Infill	Consolidation Code	Order No.
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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. <u>Michael S. Daugherty</u> Signature MICHAEL S. DAUGHERTY Printed Name VICE PRESIDENT OPERATIONS Title 5/10/99 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 belief. APRIL 20, 1999 Date Surveyed <u>Ronald J. Eidson</u> Signature RONALD J. EIDSON Printed Name PROFESSIONAL SURVEYOR NEW MEXICO 3238 4/20/99 Date P.O. Num 99-14-30338 Certificate No. RONALD J. EIDSON, 3239 12641 McDONALD, 12185	
	JLP	

VICINITY MAP



SCALE: 1" = 2 MILES

SEC. 21 TWP. 24-S RGE. 33-E

SURVEY N.M.P.M.

COUNTY LEA

DESCRIPTION 1650' FNL & 660' FEL

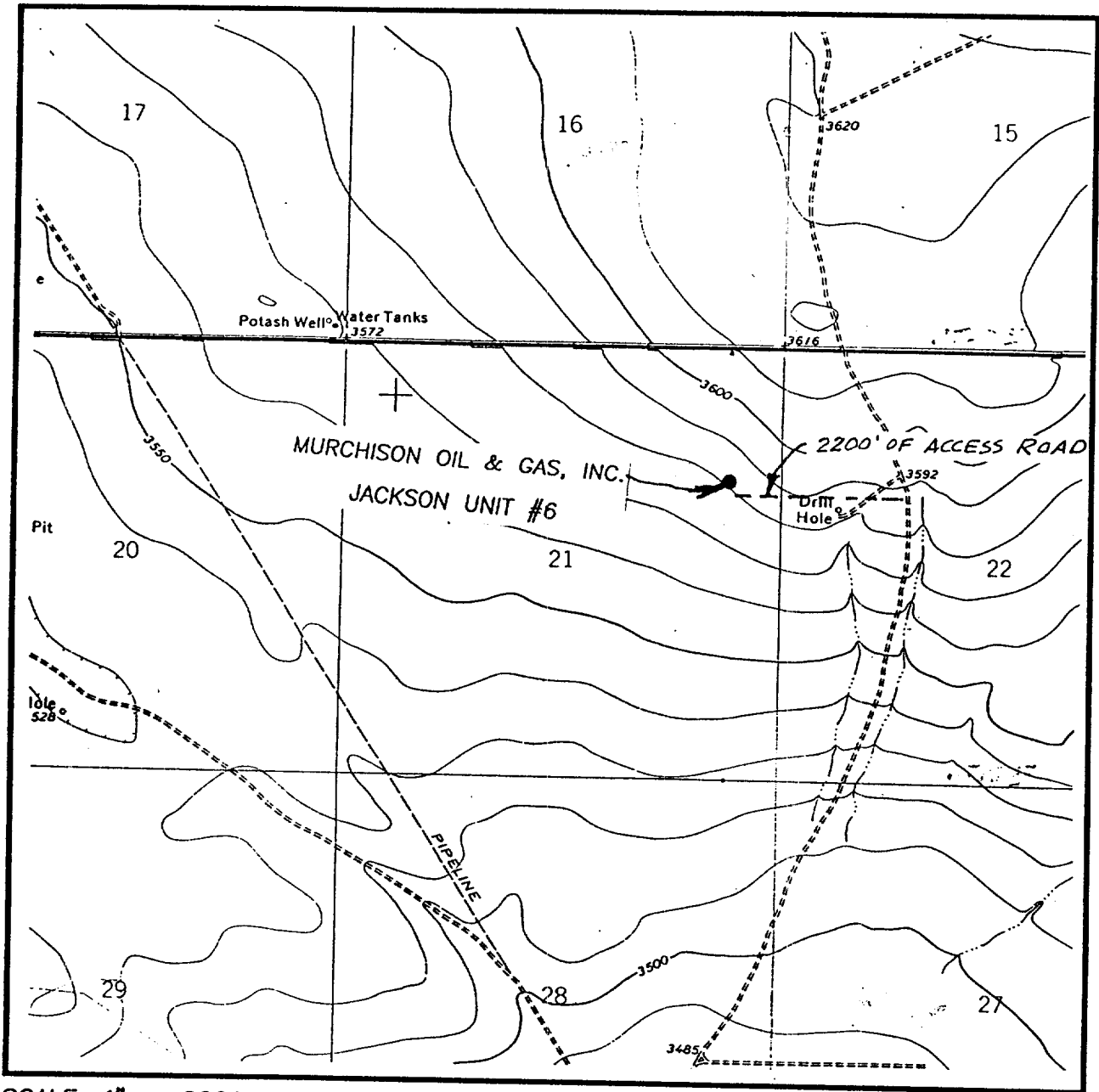
ELEVATION 3582'

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 - 10'

SEC. 21 TWP. 24-S RGE. 33-E

SURVEY N.M.P.M.

COUNTY LEA

DESCRIPTION 1650' FNL & 660' FEL

ELEVATION 3582'

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