

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 S. St. Francis Dr.
Santa Fe, NM 87505

Form C-101
Revised March 17, 1999

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

¹ Operator Name and Address Prairie Sun, Inc. 10713 Ranch Rd 620N Bldg F, Suite 621 Austin, Tx. 78726		² OGRID Number 173235
		³ API Number 30 - 037- 20034 20054
⁴ Property Code 30921	⁵ Property Name JOHN DAVID	⁶ Well No. 2

⁷ 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	19	10-N	27-E		1650	SOUTH	1780	EAST	QUAY

⁸ Proposed 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
⁹ Proposed Pool 1 WILDCAT					¹⁰ Proposed Pool 2				

¹¹ Work Type Code N	¹² Well Type Code G	¹³ Cable/Rotary R	¹⁴ Lease Type Code P	¹⁵ Ground Level Elevation 4399'
¹⁶ Multiple N	¹⁷ Proposed Depth 7000	¹⁸ Formation GRANITE	¹⁹ Contractor UNITED DRLG	²⁰ Spud Date ASAP

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"	48#	350'	400 SX	CIRC
11"	8 5/8"	32#	3500'	1800 SX	350'
7 7/8"	5 1/2"	17#	7000'	1000 SX	3500'

²² 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.

Operator proposes to drill 17.5" hole to 350' and set 13 3/8" csg to protect any fresh water. Drill out with cut brine to +/- 3500' and set 8 5/8" csg to isolate the salt and intermediate formations. 3000 psi WP double ram BOP's will be utilized and tested daily. A 7 7/8" hole will be drill to Total Depth, electric logs run and evaluated then 5 1/2" csg will be run to TD. Cement will be brought above any potential pay zones. The well will be perforated and stimulated for commercial production.

BOP DIAGRAM IS ATTACHED.

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Signature:

Printed name: Gene Lee

Title: Agent

Date: 01/18/03

Phone: 505-622-7355

OIL CONSERVATION DIVISION

Approved by:

Title: DISTRICT SUPERVISOR

Approval Date: 1/30/03

Expiration Date: 1/30/04

Conditions of Approval:

Attached ☐

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

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

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number	Pool Code	Pool Name
Property Code	Property Name JOHN DAVID #2	Well Number 2
OGRID No.	Operator Name CKG ENERGY	Elevation 4399'

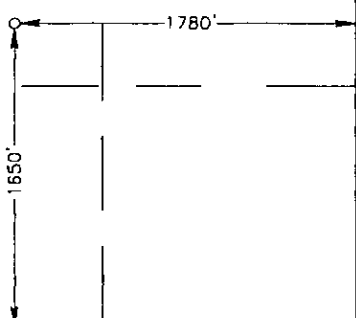
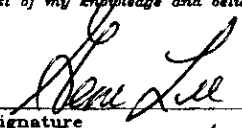
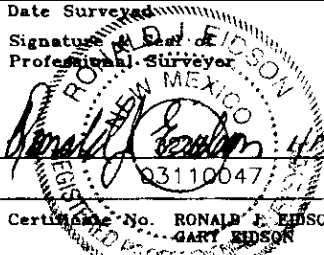
Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
J	19	10-N	27-E		1650	SOUTH	1780	EAST	QUAY

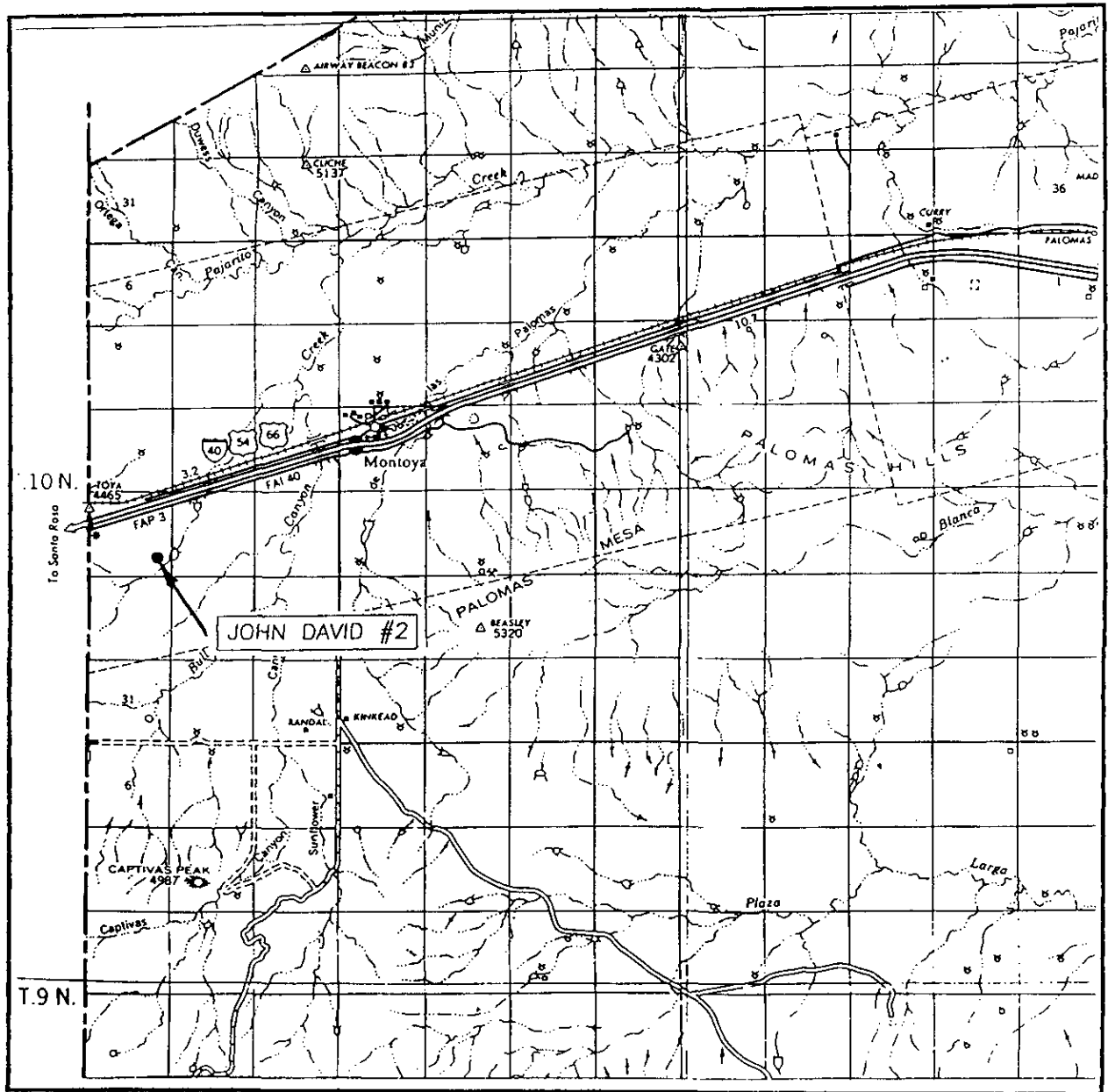
Bottom Hole Location If Different From Surface

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.						

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

<div><p>GEODETC COORDINATES NAD 27 NME Y = 1482624.6 X = 565850.7 LAT. 35°04'29.95"N LONG. 104°06'47.70"W</p></div>	<p>OPERATOR CERTIFICATION</p> <p>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</p> <p> Signature GENE LEE Printed Name Agent Title 1-18-03 Date</p> <p>SURVEYOR CERTIFICATION</p> <p>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.</p> <p>JANUARY 15, 2003</p> <p>Date Surveyed Signature of Gary J. Eidson Professional Surveyor  Certification No. RONALD J. EIDSON 3239 GARY EIDSON 12641</p>
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VICINITY MAP



SCALE: 1" = 2 MILES

SEC. 19 TWP. 10-N RGE. 27-E

SURVEY N.M.P.M.

COUNTY QUAY

DESCRIPTION 1650' FSL & 1780' FEL

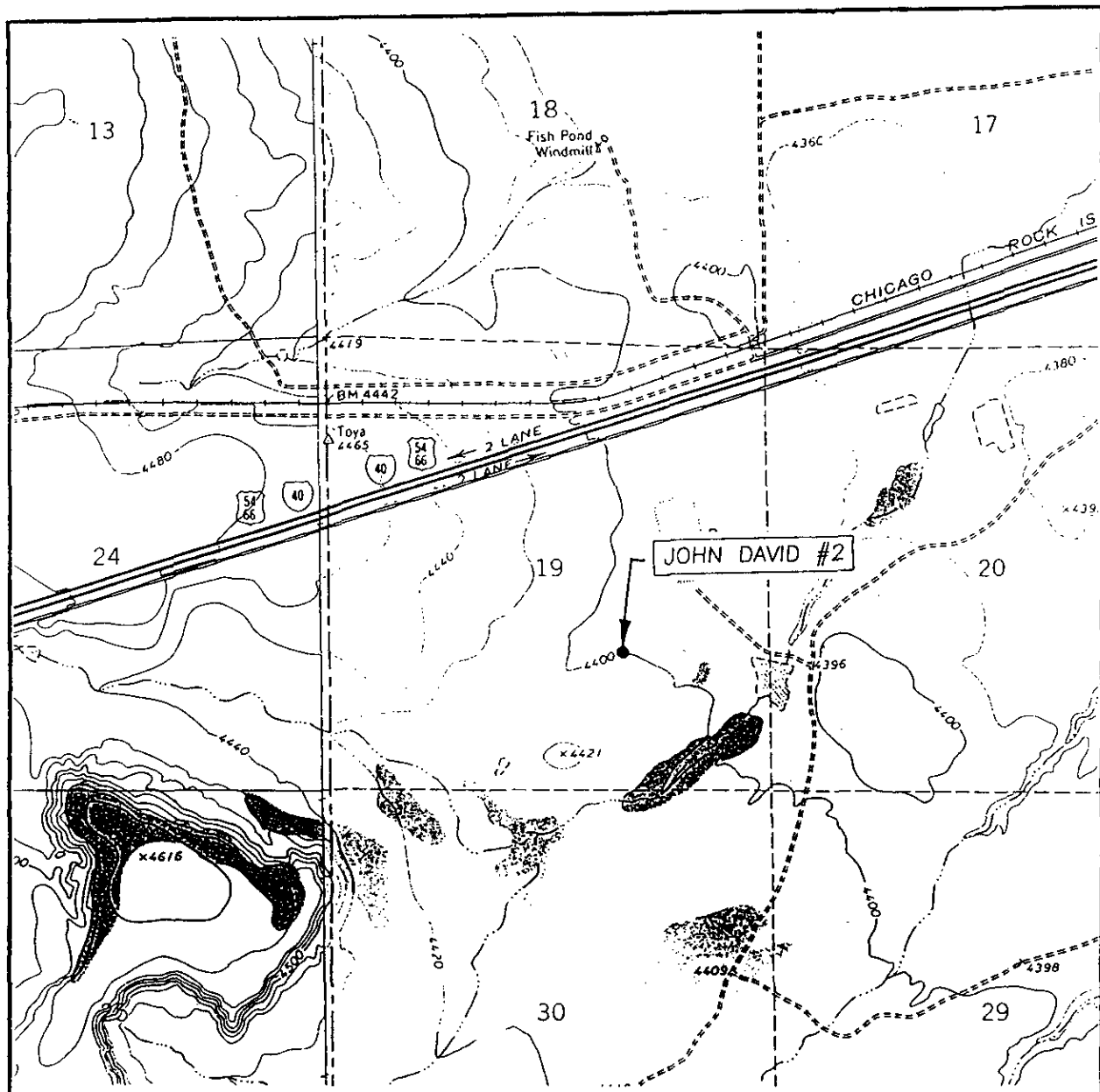
ELEVATION 4399'

OPERATOR CKG ENERGY

LEASE JOHN DAVID

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

LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL: 20'
MONTOKA, N.M.

SEC. 19 TWP. 10-N RGE. 27-E

SURVEY N.M.P.M.

COUNTY QUAY

DESCRIPTION 1650' FSL & 1780' FEL

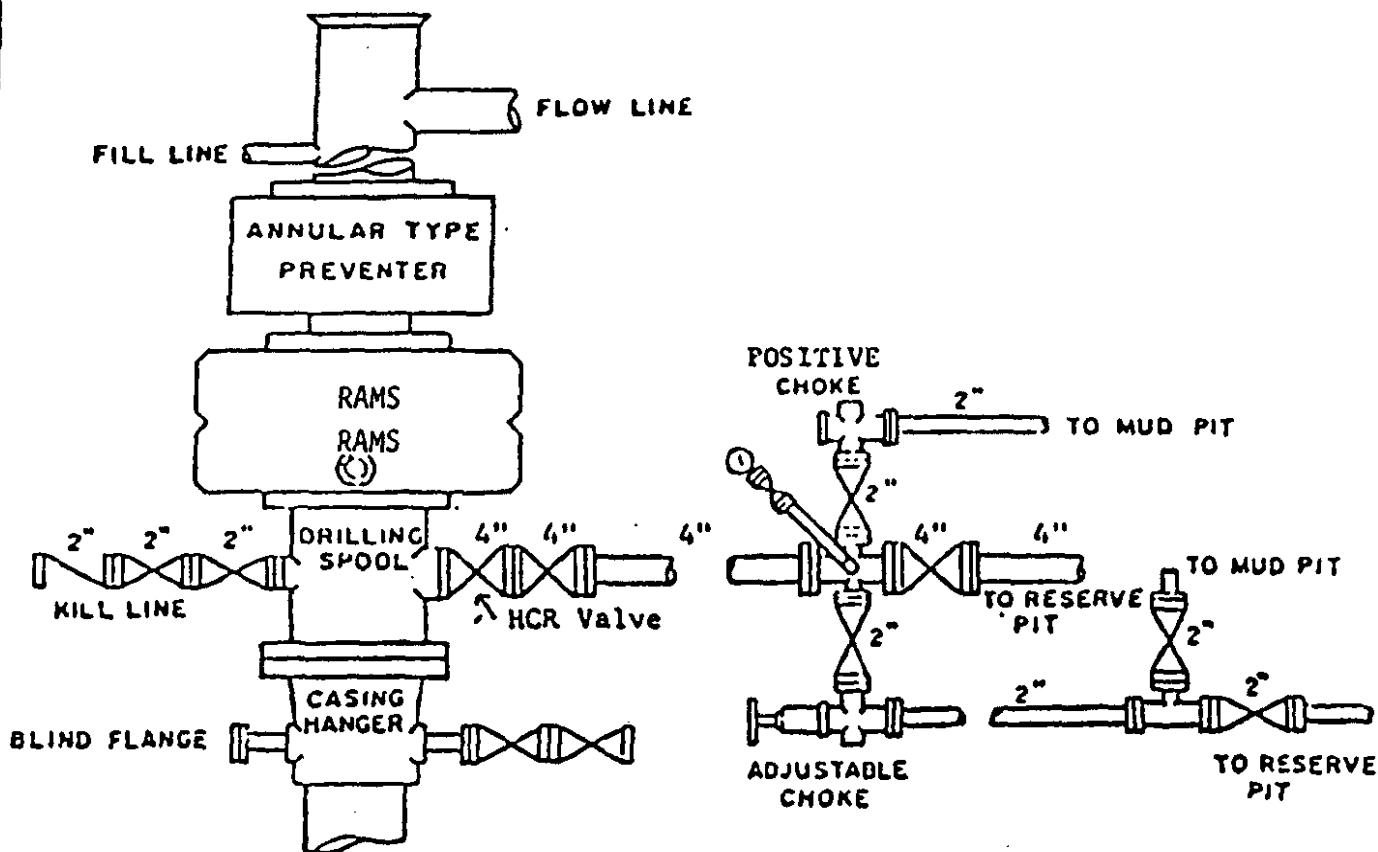
ELEVATION 4399'

OPERATOR CKG ENERGY

LEASE JOHN DAVID #2

U.S.G.S. TOPOGRAPHIC MAP
MONTOKA, N.M.

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



BOP STACK

3000 PSI WORKING PRESSURE

BOP ARRANGEMENT