

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 620 N., Bldg F Suite 621, Austin, TX 78726		² OGRID Number 173235
		³ API Number 30 - 037-20055
⁴ Property Code 32028	⁵ Property Name RANDALS	⁶ Well No. 5

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
D	20	10N	27E		1080'	North	660'	West	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
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¹¹ Work Type Code N	¹² Well Type Code G	¹³ Cable/Rotary R	¹⁴ Lease Type Code P	¹⁵ Ground Level Elevation 4386'
¹⁶ Multiple N	¹⁷ Proposed Depth 7000'	¹⁸ Formation Granite	¹⁹ Contractor United Drlg	²⁰ Spud Date 2/15/03

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#	3600'	1600 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. Circulate cement to surface and protect fresh water. Drill out with cut brine to +/-3600' 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 drilled to Total Depth, electric logs run and evaluated, and 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: <i>Gene Lee</i>		OIL CONSERVATION DIVISION	
Printed name: Gene Lee		Approved by: <i>[Signature]</i>	
Title: Agent		Title: DISTRICT SUPERVISOR	
Date: 02/10/03		Approval Date: 2/28/03 Expiration Date:	
Phone: 505-622-7355		Conditions of Approval:	
		Attached <input type="checkbox"/>	

COLLECT AND SACK SAMPLES FOR
NEW MEXICO BUREAU OF MINES, SOCORRO
AT AT LEAST TEN FOOT INTERVALS

State of New Mexico

Energy, Minerals and Natural Resources Department

DISTRICT I

P.O. Box 1980, Hobbs, NM 88241-1980

DISTRICT II

P.O. Drawer DD, Artesia, NM 88211-0719

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV

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

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

Form C-102

Revised February 10, 1994

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number	Pool Code	Pool Name
Property Code	Property Name RANDALS	Well Number 5
OGRID No.	Operator Name CKG ENERGY	Elevation 4386'

Surface Location

UL or lot No. D	Section 20	Township 10-N	Range 27-E	Lot Idn	Feet from the 1080'	North/South line NORTH	Feet from the 660'	East/West line WEST	County QUAY
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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
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Dedicated Acres	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

GEODETIC COORDINATES NAD 27 NMEZ Y=1485126.3 X=568330.2 LAT. 35°04'54.64"N LONG. 104°06'17.80"W			

OPERATOR CERTIFICATION

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

Signature

GENE LEE

Printed Name

Agent

Title

2-10-03

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.

FEBRUARY 07, 2003

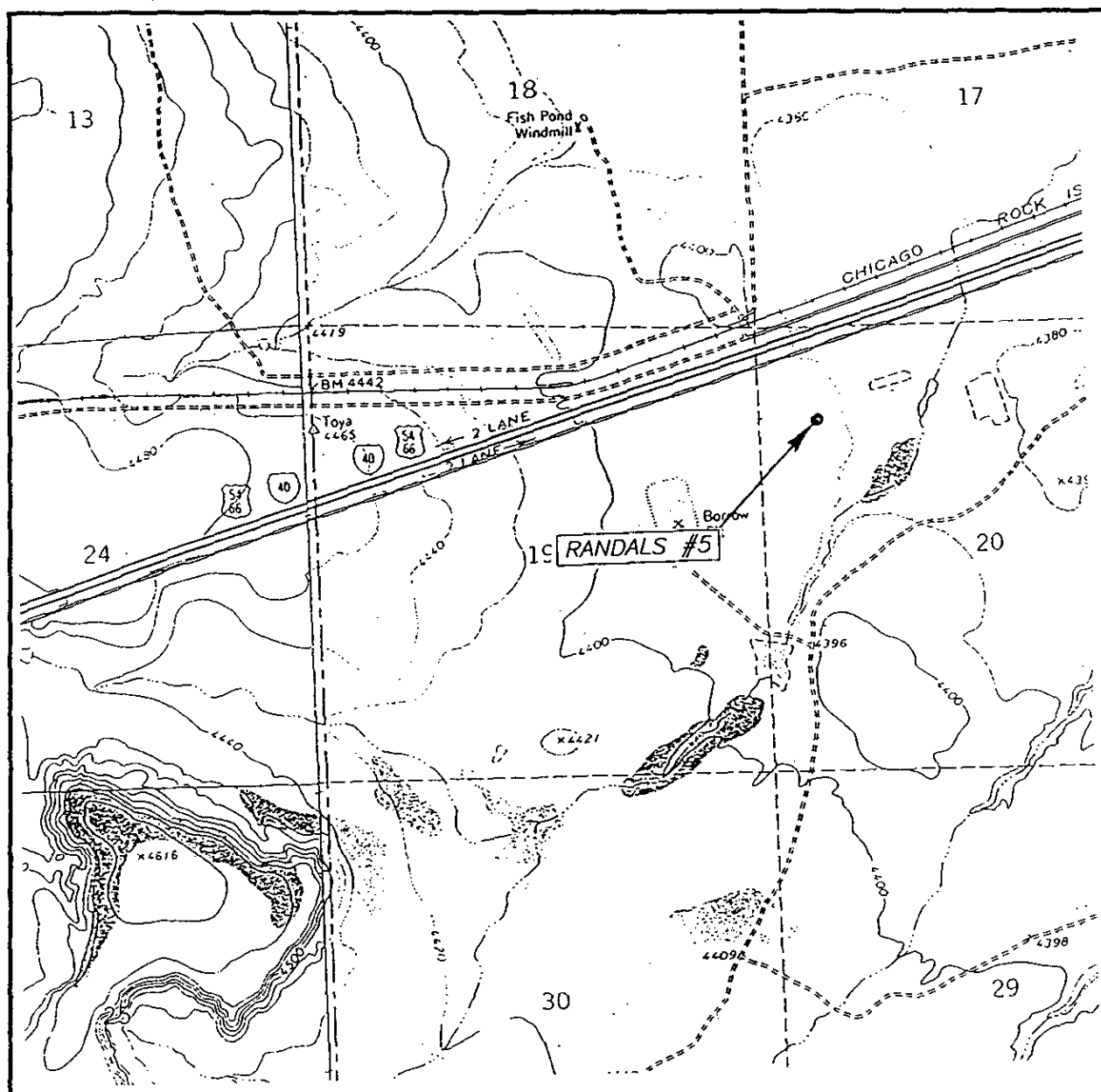
Date Surveyed

Signature & Seal of Professional Surveyor

03.11.0470

Certificate No. RONALD J. EIDSON 3239
GARY EIDSON 12641

LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL: 20'
MONTAÑA, N.M.

SEC. 20 TWP. 10-N RGE. 27-E

SURVEY N.M.P.M.

COUNTY QUAY

DESCRIPTION 1080' FNL & 660' FWL

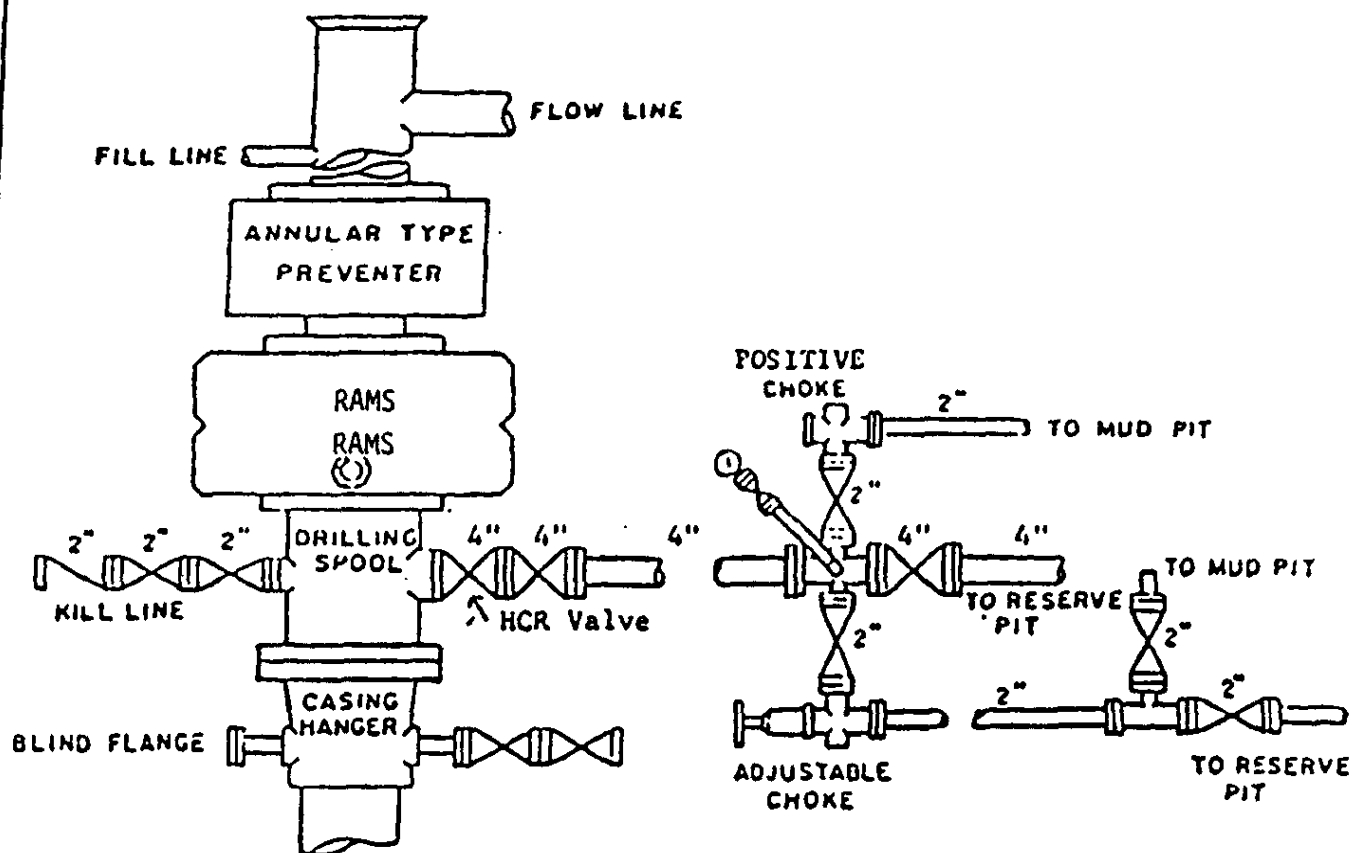
ELEVATION 4386'

OPERATOR CKG ENERGY

LEASE RANDALS

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

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



BOP STACK

3000 PSI WORKING PRESSURE

BOP ARRANGEMENT