

Submit to Appropriate  
District Office  
State Lease - 6 copies  
Fee Lease - 5 copies

State of New Mexico  
Minerals and Natural Resources Department

Form C-101  
Revised 1-1-89

OIL CONSERVATION DIVISION

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

MAY 21 1995

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

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

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

API NO. (assigned by OCD on New Wells)

30-015-28991

5. Indicate Type of Lease

STATE ☐

FEE ☒

6. State Oil & Gas Lease No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work:

DRILL ☒

RE-ENTER ☐

DEEPEN ☐

PLUG BACK ☐

7. Lease Name or Unit Agreement Name

KM 14

b. Type of Well:

OIL  
WELL ☒

GAS  
WELL ☐

OTHER ☐

SINGLE  
ZONE ☐

MULTIPLE  
ZONE ☐

8. Well No.

1

9. Pool name or Wildcat

Wildcat 96557  
Esperanza Bone Spring  
South

4. Well Location

Unit Letter A

:330

Feet From The North

Line and 640

Feet From The East

Line

Section 14

Township 22S

Range 27E

NMPM

Eddy

County

10. Proposed Depth

7700

11. Formation

2nd Bone Spring

12. Rotary or C.T.

Rotary

13. Elevations (Show whether DF, RT, GR, etc.)  
GR 3071

14. Kind & Status Plug. Bond  
Single

15. Drilling Contractor  
Mcgree

16. Approx. Date Work will start  
5-27-96

17. PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17.5"	13 3/8"	48#	450'	495	surf.
12.25	8 5/8"	24#	2,200'	715	surf.
7.875	5 1/2"	15.5 & 17#	7,700'	575	5,000'

1. Drill 17 1/2" hole W/ fresh water to 450'
2. RUN AND SET 13 3/8" 48# csg and Cmt to surface
3. Drill 12 1/4" hole to 2,200' (top of Delaware) W/ brine water
4. Run and set 2,200' 8 5/8" 24# and Circulate cmt to surface
5. Drill 7 7/8" hole to 7,700' W/ cut brine mud system
6. Run 5 1/2" 15.5# L & C and 17# L & C and bring cmt to 5000' ±

Cmt as follows:

13 3/8" 495 Sx of Halliburton Premium plus cement  
8 5/8" 715 Sx of Halliburton Light Premium plus cement  
5 1/2" 575 Sx of Halliburton Premium 50/50 Pozmix "A"

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. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

SIGNATURE Tommy W. Folsom TITLE V.P. Operations DATE 5-17-96

TYPE OR PRINT NAME Tommy W. Folsom TELEPHONE NO. (505) 885-8150

(This space for State Use)

ORIGINAL SIGNED BY TIM W. GUM  
DISTRICT II SUPERVISOR

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE MAY 23 1996

CONDITIONS OF APPROVAL, IF ANY:



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

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code 96557	Pool Name W.C. Esperanza; Bone Spring, South
Property Code	Property Name KM 14	Well Number 1
OGRID No. 037567	Operator Name ENERSTAR RESOURCES	Elevation 3071


Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	14	22 S	27 E		330	NORTH	640	EAST	EDDY

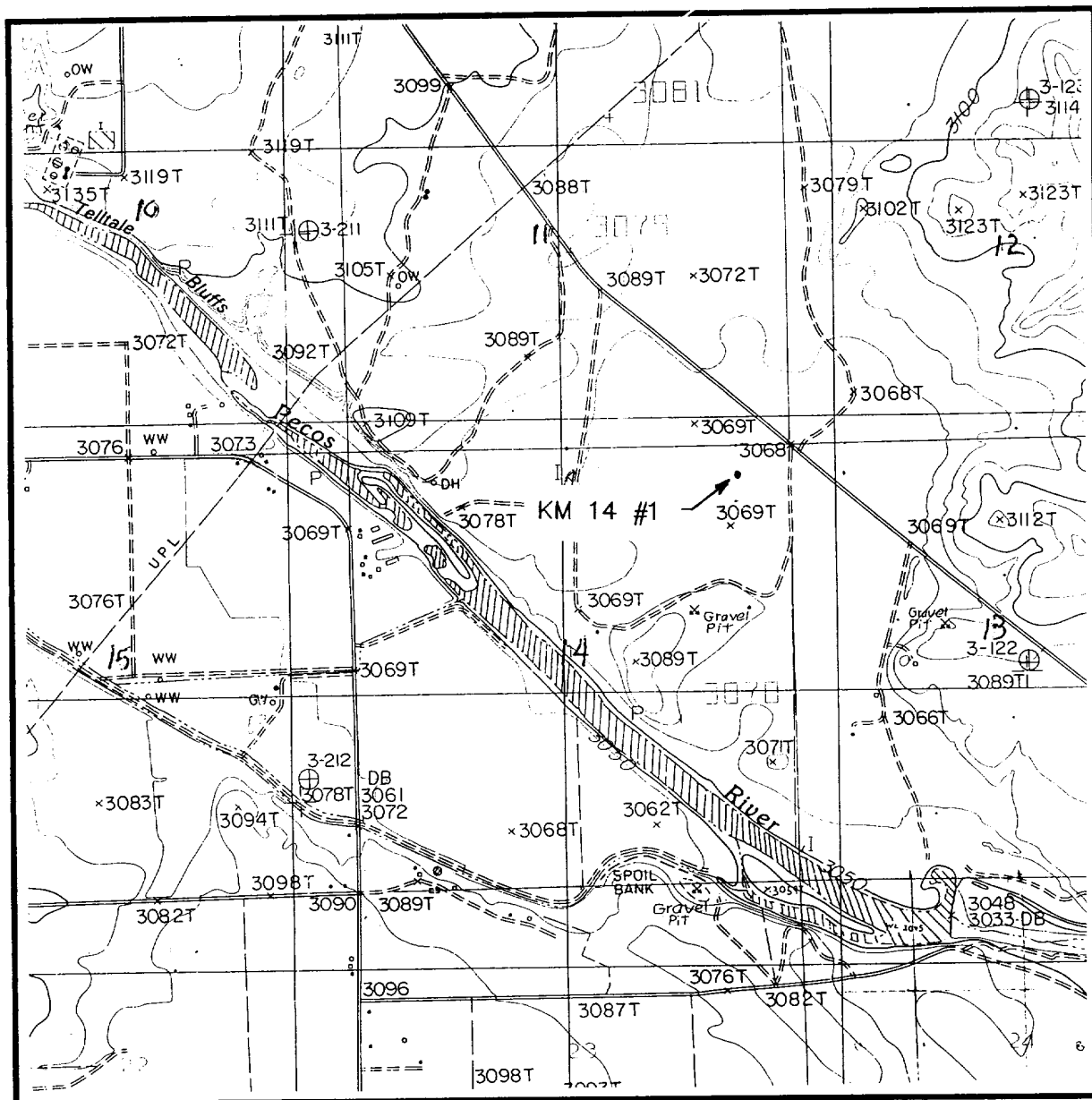
Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres 40	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

	OPERATOR CERTIFICATION	
	I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.	
	Signature <i>Tommy W. Folson</i>	
	Printed Name Tommy W. Folson	
	Title V.P. Operations	
	Date 5-17-94	
	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 22, 1996	
	Date Surveyed DSR	
	Signature & Seal of Professional Surveyor	
	Signature <i>Gary E. Eidsen</i> 5-15-96	
	W.O. Num. 96-11-0485	
	Certificate No. JOHN W. WEST 676	
	RONALD J. EIDSON 3239	
	GARY EIDSON 12641	





CONTOUR INTERVAL: 10 FEET

SURVEY \_\_\_\_\_ N.M.P.M.

COUNTY EDDY

DESCRIPTION 330' FNL & 640' FEL

ELEVATION 3071

OPERATOR ENERSTAR RESOURCES

LEASE KM 14

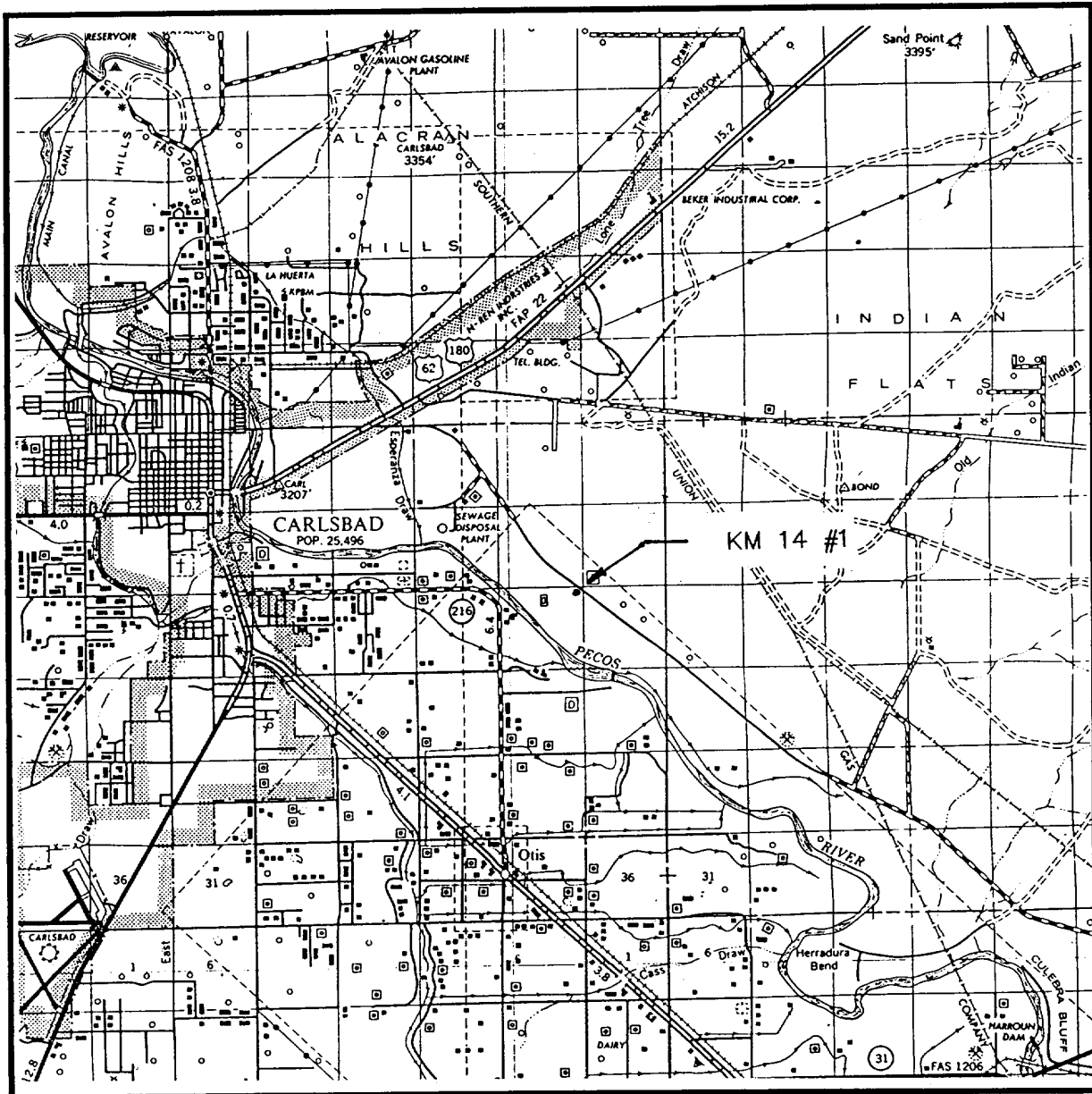
U.S.G.S. TOPOGRAPHIC MAP

CARLSBAD EAST, NEW MEXICO

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



# VICINITY MAP



SCALE: 1" = 2 MILES

SEC. 14 TWP. 22-S RGE. 27-E

SURVEY N.M.P.M.

COUNTY EDDY

DESCRIPTION 330' FNL & 640' FEL

ELEVATION 3071

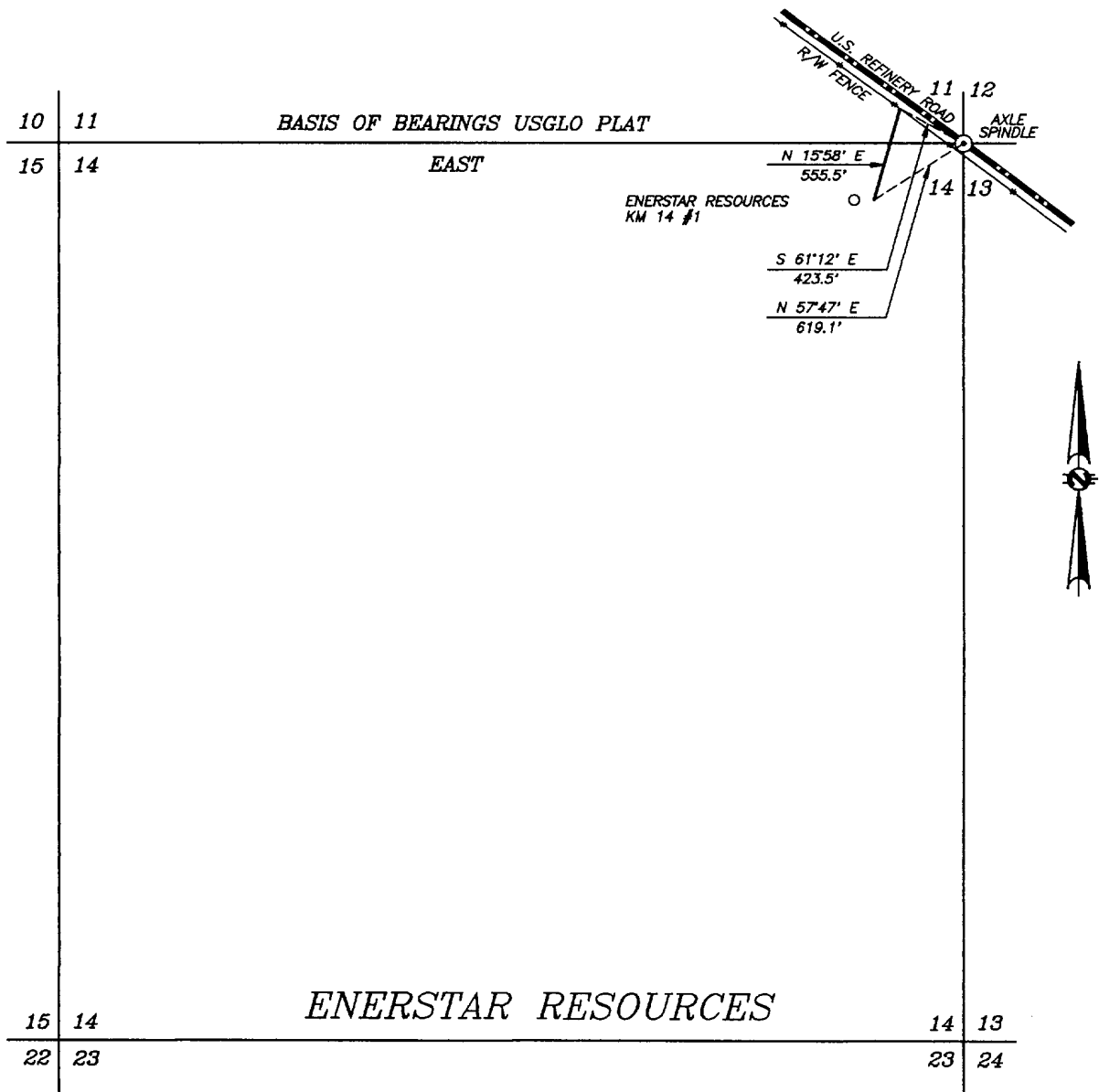
OPERATOR ENERSTAR RESOURCES

LEASE KM 14

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



SECTION 14, TOWNSHIP 22 SOUTH, RANGE 27 EAST, N.M.P.M.,  
EDDY COUNTY NEW MEXICO



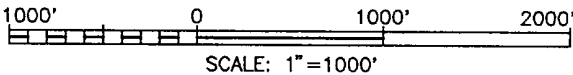
LEGAL DESCRIPTION

CENTERLINE OF A PROPOSED ROAD CROSSING SECTIONS 11 & 14, TOWNSHIP 22 SOUTH, RANGE 27 EAST, N.M.P.M., EDDY COUNTY, NEW MEXICO AND BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGINNING AT POINT IN THE NORTHEAST QUARTER OF SAID SECTION 14 FROM WHICH AN AXLE SPINDLE FOUND FOR THE NORTHEAST CORNER OF SAID SECTION 14, BEARS N 57°47' E 619.1 FEET;

THENCE N 15°58' E 555.5 FEET TO A POINT IN THE SOUTH RIGHT OF WAY FENCE OF U.S. REFINERY ROAD; FROM WHICH SAID AXLE SPINDLE BEARS S 61°12' E 423.5 FEET;

CENTERLINE OF SAID PROPOSED ROAD BEING 555.5 FEET OR 33.67 RODS IN LENGTH.



I HEREBY CERTIFY THAT THIS PLAT WAS PREPARED FROM FIELD NOTES OF AN ACTUAL SURVEY AND MEETS OR EXCEEDS ALL REQUIREMENTS FOR LAND SURVEYS AS SPECIFIED BY THE STATE.

*John W. West* 5-15-96

JOHN W. WEST	N.M. P.E. & P.S.	No. 676
	TEXAS P.L.S.	No. 1138
RONALD J. EIDSON	N.M. L.S.	No. 3239
	TEXAS P.L.S.	No. 1883
GARY G. EIDSON	N.M. L.S.	No. 12641
	TEXAS P.L.S.	No. 4735

JOHN WEST ENGINEERING COMPANY  
CONSULTING ENGINEERS & SURVEYORS - HOBBS, NEW MEXICO

ENERSTAR RESOURCES

CENTERLINE SURVEY OF A PROPOSED ROAD IN SECTIONS 11 & 14, TOWNSHIP 22 SOUTH, RANGE 27 EAST, N.M.P.M., EDDY COUNTY, NEW MEXICO.

Survey Date: 04/22/96	Sheet 1 of 1 Sheets
W.O. Number: 96-11-0485	Drawn By: D. Roberts
Date: 5/15/96	