

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 Sahara Operating Company P.O. Box 4130 Midland, Tx 79704		1 (MRID) Number 020077
		2 API Number 30-025-34305
3 Property Code 20203	4 Property Name Nelson "24"	5 Well No. 2

6 Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	24	19-S	36-E		660	South	990	West	Lea

7 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
8 Proposed Pool 1 North Monument; Paddock Wildcat						9 Proposed Pool 2			

10 Work Type Code N	11 Well Type Code O	12 Cable/Rotary R	13 Lease Type Code P	14 Ground Level Elevation 3675'
15 Multiple No	16 Proposed Depth 5400'	17 Formation Paddock	18 Contractor	19 Spud Date

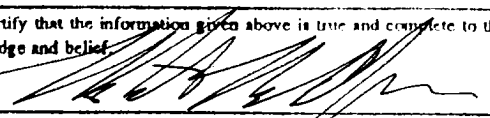
20 Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
11"	8-5/8"	24 #/ft	1275'	485 sx	Surface
7-7/8"	5-1/2"	15.5 or 17 #/ft	5400'	690 sx	Surface

21 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 11" hole to 1275', set 8.625" csg & cmt to surface. NU BOP & RU H2S Equip.  
Drill 7.875" hole to 5400'. Set 5.50" csg & cmt to surface. ND BOP, NU WH. Rel rig.  
MIRU Completion unit. Perforate pay zone, run tbq, acidize and test.

NOTE: Per request of surface tenant, it is intended to drill this well with a closed loop fluid system, i.e. no earthen pits, and to dispose of all cuttings and drilling fluid off-site. Therefore, an ~~Ex~~ Exception to Rule 105.A is hereby requested.

22 I hereby certify that the information given above is true and complete to the best of my knowledge and belief. Signature: 		OIL CONSERVATION DIVISION	
Printed name: Robert B. McAlpine		Approved by: ORIGINAL SIGNED BY CHRIS WILLIAMS DISTRICT I SUPERVISOR	
Title: President		Title:	
Date: 2-13-98	Phone: (915) 697-0967	Approval Date: FEB 17 1998	Expiration Date:
		Conditions of Approval: Attached: 01	

Permit Expires 1 Year From Approval  
Date Unless Drilling Underway

500

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

State of New Mexico  
Energy, Minerals, and Natural Resources Department

Form C-102  
Revised 02-10-94

Instructions on back

DISTRICT II  
P. O. Drawer DD  
Artesio, NM 88211-0719

DISTRICT III  
1000 Rio Brazos Rd.  
Aztec, NM 87410

DISTRICT IV  
P. O. Box 2088  
Santa Fe, NM 87507-2088

**OIL CONSERVATION DIVISION**  
**P. O. Box 2088**  
**Santa Fe, New Mexico 87504-2088**

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District Office  
State Lease - 4 copies  
Fee Lease - 3 copies

☐ AMENDED REPORT

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

1 API Number <b>30-025-34305</b>		2 Pool Code		3 Pool Name <b>North Monument; Paddock Wildcat</b>			
4 Property Code <b>20203</b>		5 Property Name <b>NELSON "24"</b>				6 Well Number <b>2</b>	
7 OGRID No. <b>020077</b>		8 Operator Name <b>SAHARA OPERATING COMPANY</b>				9 Elevation <b>3675'</b>	

**10 SURFACE LOCATION**

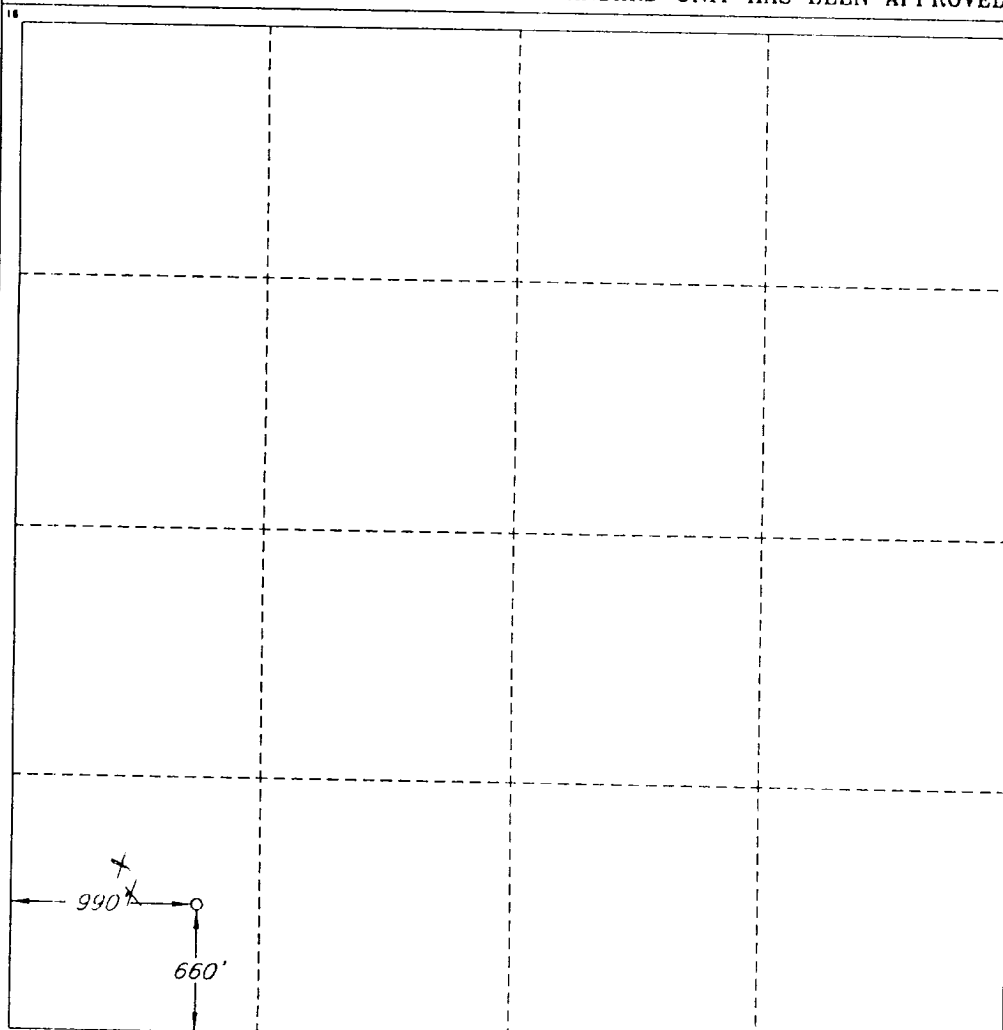
UL or lot no. <b>M</b>	Section <b>24</b>	Township <b>19 SOUTH</b>	Range <b>36 EAST, N.M.P.M.</b>	Lot Ida	Feet from the <b>660'</b>	North/South line <b>SOUTH</b>	Feet from the <b>990'</b>	East/West line <b>WEST</b>	County <b>LEA</b>
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**"BOTTOM HOLE LOCATION 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
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12 Dedicated Acres <b>40</b>	13 Joint or Infill <b>N</b>	14 Consolidation Code	15 Order No.
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**NO ALLOWABLE WELL 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 that the information contained herein is true and complete to the best of my knowledge and belief.

Signature

Printed Name

**Robert B. McAlpine**

Title

**President**

Date

**2-13-98**

**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.

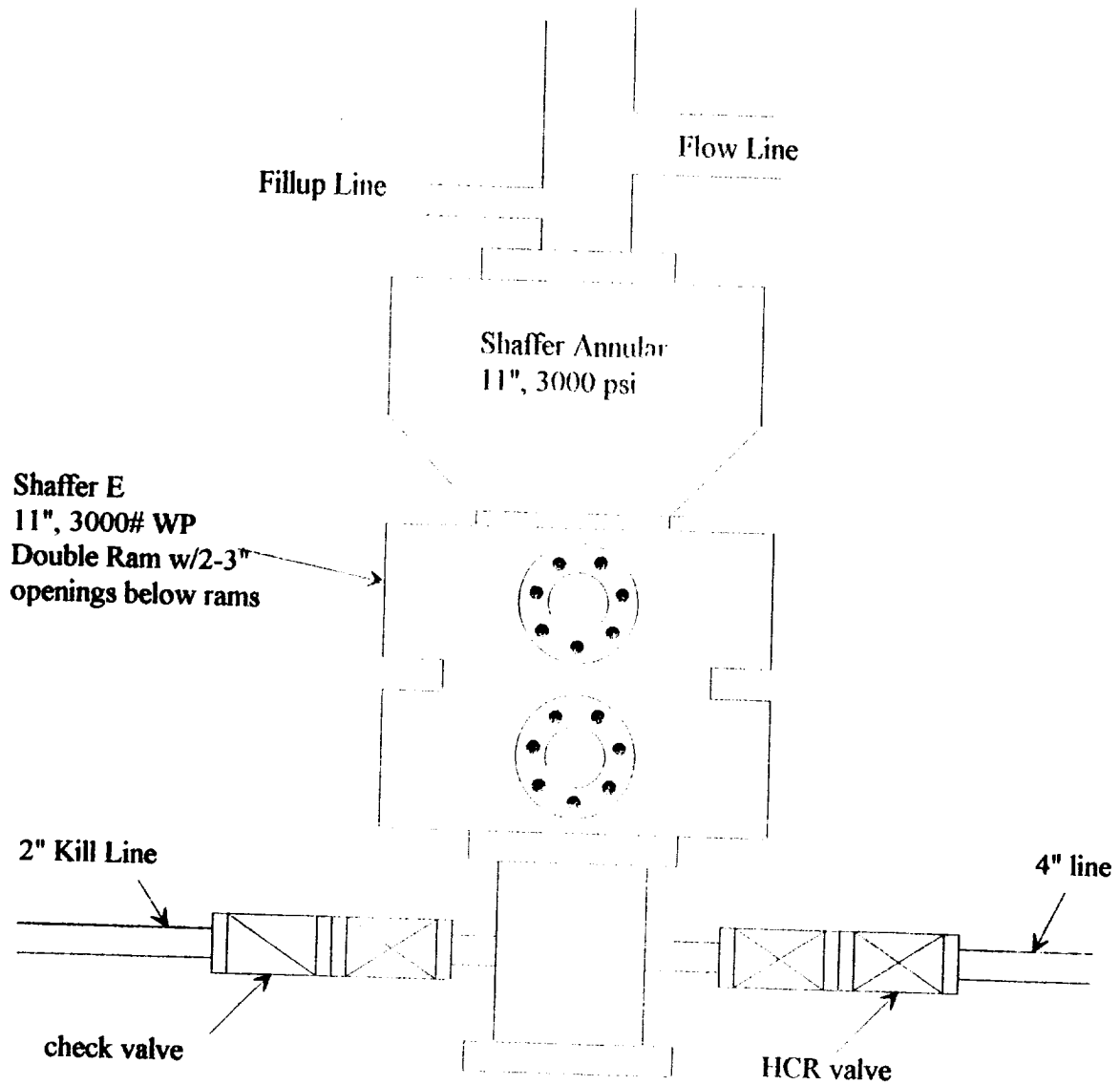
Date of Survey  
**FEBRUARY 12, 1998**

Signature and Seal of Professional Surveyor

**Roger M. Robbins**  
Certificate No. **12128**

**ROGER M. ROBBINS P.S. #12128**

## Blow Out Preventer Schematic



SAHARA OPERATING COMPANY

NELSON 24 #2

