

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. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Form C-101
May 27, 2004

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

Submit to appropriate District Office

☐ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

¹ Operator Name and Address SAHARA OPERATING COMPANY P.O. BOX 4130, MIDLAND, TX 79701		² OGRID Number 020077
		³ API Number 30 - 025 - 36781
⁴ Property Code 34123	⁵ Property Name Schubert 7	⁶ Well No. 1
⁹ Proposed Pool 1 Wildcat - Abo		¹⁰ Proposed Pool 2 Wildcat - Drinkard

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	7	19-S	39-E		2313'	South	2313'	East	Lea

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

Additional Well Information

¹¹ Work Type Code N	¹² Well Type Code O	¹³ Cable/Rotary R	¹⁴ Lease Type Code F	¹⁵ Ground Level Elevation 3585'
¹⁶ Multiple No	¹⁷ Proposed Depth 8000'	¹⁸ Formation Abo	¹⁹ Contractor Unknown	²⁰ Spud Date 7/28/04
Depth to Groundwater 80'		Distance from nearest fresh water well 2,303'		Distance from nearest surface water + 2 miles
Pit: Liner: Synthetic <input checked="" type="checkbox"/> 12 mils thick Clay <input type="checkbox"/> Pit Volume: 2500 bbls Drilling Method: Closed-Loop System <input type="checkbox"/> Fresh Water <input checked="" type="checkbox"/> Brine <input checked="" type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air <input type="checkbox"/>				

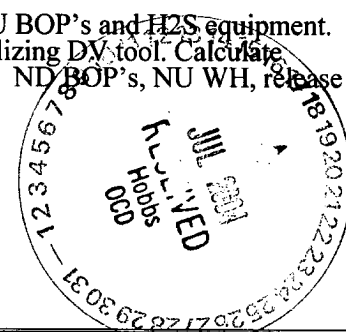
²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
12-1/4"	8-5/8"	24#	1850'	800	Surface
7-7/8"	5-1/2"	15.5 & 17.0#	8000'	1000	1000'

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.

Drill 12.25" hole to 1850' w/fresh water. Set 8.625" casing and cement to surface. NU BOP's and H2S equipment. Drill 7-7/8" hole w/cut brine, Set and cement 5-1/2" casing @ TD with 2-stage cement job utilizing DV tool. Calculate cement volume based on caliper log to ensure that top of cement is well within surface casing. ND BOP's, NU WH, release drilling rig. Move in completion unit, perforate and acidize pay zone. Place well on test.

Permit Expires 1 Year From Approval
Date Unless Drilling Underway



²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify that the drilling pit will be constructed according to NMOCD guidelines ☒, a general permit ☐, or an (attached) alternative OCD-approved plan ☐.

Printed name: Robert McAlpine

Title: President

E-mail Address: Saharam@sbcglobal.net

Date: 7-16-04

Phone: 432-697-0967

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date:

JUL 23 2004

Expiration Date:

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 38-025-36281	Pool Code	Pool Name WILDCAT
Property Code 34123	Property Name SCHUBERT 7	Well Number 1
OGRID No. 020077	Operator Name SAHARA OPERATING COMPANY	Elevation 3585'

Surface Location

UL or lot No. J	Section 7	Township 19-S	Range 39-E	Lot Idn	Feet from the 2313'	North/South line SOUTH	Feet from the 2313'	East/West line EAST	County LEA
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Bottom Hole Location If Different From Surface

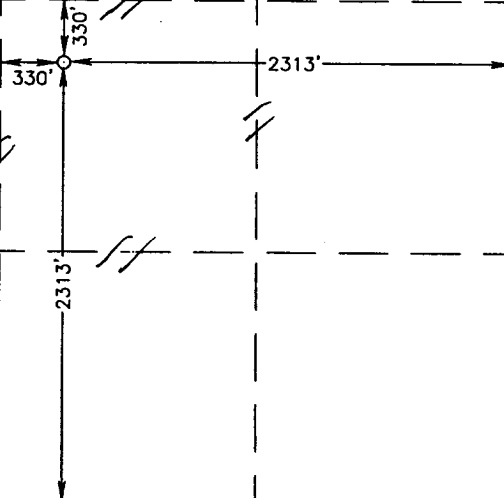
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres 410	Joint or Infill N	Consolidation Code	Order No.						

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

GEODETIC COORDINATES
NAD 27 NME

Y=611116.0 N
X=884695.7 E

LAT.=32°40'25.78" N
LONG.=103°04'59.41" W



OPERATOR CERTIFICATION

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

Signature

ROBERT McALPINE

Printed Name

PRESIDENT

Title

6/20/04

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.

MAY 5, 2004

Date Surveyed

JR

Signature & Seal of
Professional Surveyor

GARY E. EDISON
04.13.0728
Certificate No. GARY E. EDISON 12841

SAHARA OPERATING COMPANY

Schubert 7 #1

Sec. 7, T19S, R39E, Lea Cty, NM

Blow Out Preventer Schematic

