
Facsimile Cover Sheet

To: MICHAEL STOGNER
Company: STATE OF NEW MEXICO
OIL CONSERVATION DIVISION
Phone: 505-827-8185
Fax: 505-827-8177

From: ROB MCALPINE
Company: SAHARA OPERATING COMPANY
Phone: 915/687-4220
Fax: 915/687-4288

Date: 05/07/96

**Pages including this
cover page:** 4

Comments:

SAHARA OPERATING COMPANY
PO Box 10280
Midland, TX 79702

May 5, 1996

Mr. Michael Stogner
State of New Mexico
Oil Conservation Division
2040 South Pacheco
Santa Fe, NM 87505

Re: State Sims 31 #1
Lea County, New Mexico
Request for Non-Standard Location

Dear Michael,

This is to request approval for a non-standard location for our State Sims 31 #1.
The proposed location for this well is:

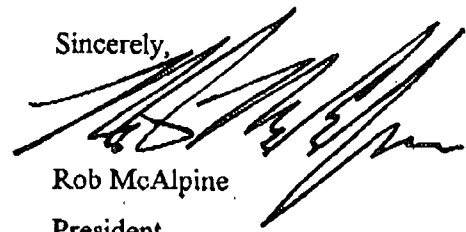
1600' FSL & 1800' FWL
Sec 31, T-20-S; R-36-E
Unit Letter K
Lea County, New Mexico

As shown on the attached plat, this location is non-standard by 50' by virtue of it's being 280', rather than the more usual 330', from the south line of the NE/4 of the SE/4 of the section. Sahara Operating Company is the offset operator to the south.

As a seismic generated prospect, we feel that this surface location is crucial to the potential success of this drilling project. We therefore, respectfully, request approval in this instance for a non-standard location.

If any additional information is desired, please do not hesitate to call me at 1-800-535-4697.

Sincerely,



Rob McAlpine
President

DISTRICT I

P.O. Box 1080, Hobbs, NM 88241-1080

DISTRICT II

P.O. Drawer 88, Artesia, NM 88211-0710

DISTRICT III

1000 Rio Brazos Rd., Artesia, NM 87410

DISTRICT IV

P.O. BOX 3008, SANTA FE, N.M. 87504-3008

State of New Mexico

Energy, Minerals and Natural Resources Department

Form C-102

Revised February 10, 1984

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

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	Wildcat	Pool Name
Property Code	Property Name STATE SIMS "31"		Well Number 1
OGRID No. 020077	Operator Name SAHARA OPERATING COMPANY		Elevation 3644

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	31	20 S	36 E		1600	SOUTH	1800	WEST	LEA

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.

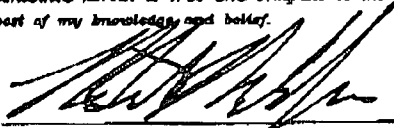
NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

LOT 1			
39.83 ACRES LOT 2			
39.89 ACRES			
LOT 3 = 39.91 Sahara Oper. V104338	Sahara Oper. 04338		
1800'	200'		
40.03 ACRES LOT 4 39.97 V04338	V041338		
Sahara Oper. 40.09 ACRES	Sahara Oper.		

.0251

OPERATOR CERTIFICATION

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



Signature _____

Robert B. McAlpine

Printed Name _____

President

Title _____

05/02/96

Date _____

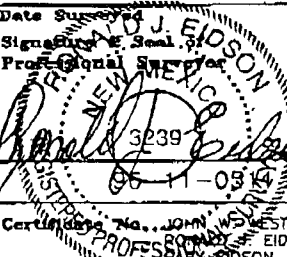
SURVEYOR CERTIFICATION

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.

APRIL 26, 1996

Date Surveyed _____

Signature & Seal of Professional Surveyor



3239

4-28-96

Certification No. JOHN W. WEST 676

RONALD J. EIDSON 3239

SAHARA EIDSON 12641

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 10280 Midland, TX 79702		OGRIID Number 020077
		API Number 30 - 0
Property Code	Property Name State Sims "31"	Well No. 1

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
K	31	20-S	36-E		1600	South	1800	West	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
Proposed Pool 1 Seven Rivers					Proposed Pool 2 Yates				

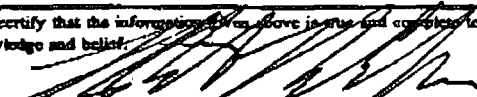
Work Type Code	Well Type Code	Cable/Rotary	Lease Type Code	Ground Level Elevation
N	O	R	S	3644'
Multiple	Proposed Depth	Formation	Contractor	Spud Date
No	4600'	Lower Seven Rivers	Norton Drilling	05/09/96

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#	1400'	710	Surface
7-7/8"	5-1/2"	15.5#	4500'	625	Surface

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 12-1/4" hole to 1400', set 8-5/8" casing, cement to surface, RU BOP's.
Drill 7-7/8" hole to 4500', set 5-1/2" casing, cement to surface, RD BOP's,
release rig. Perforate lowest productive zone, run tubing, acidize & place on test.

²³ 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:	
Title: President		Title:	
Date: 05/02/96		Approval Date:	Expiration Date:
Phone: (915) 687-4220		Conditions of Approval: Attached ☒	

Sahara Operating Company P.O. Box 10280, Midland, Texas 79702

FACSIMILE

Date: May 8, 1996

Number of pages including
cover sheet: 3

To: **State of New Mexico**

Oil Conservation Division

Mr. David Catanach

Phone: 505/827-8183

Fax phone: 505/827-8177

CC:

From: **Sahara Operating Company**

Rob McAlpine

Phone: 915/687-4220

Fax phone: 915/687-4288

REMARKS:

☐ Urgent

☒ For your review

☐ Reply ASAP

☐ Please comment

SAHARA OPERATING COMPANY
PO Box 10280
Midland, TX 79702

May 8, 1996

Mr. David Catanach
State of New Mexico
Oil Conservation Division
2040 South Pacheco
Santa Fe, NM 87505

Re: State Sims 31 #1
Lea County, New Mexico
Request for Non-Standard Location

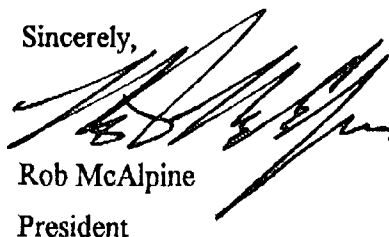
Dear David,

Attached please find a map of the seismic line and the target structure as we have it mapped. As the map shows, The State Sims 31 #1 will test the crestal edge of a small, steep-sided Seven Rivers pinnacle reef as interpreted on the seismic line. Moving the well north would shift our penetration point downdip off of the crest to a less favorable structural location. According to our interpretation of the data, the requested location is the best location within the 40-acre proration unit from which to test this prospect.

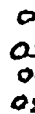
Sahara Operating is the operator of the 40-acre proration unit to the south, having the entire 160-acre quarter section under lease, with common ownership of the entire leasehold.

We greatly appreciate your consideration of this request. Again, if any additional information is desired, please do not hesitate to call me at 1-800-535-4697.

Sincerely,



Rob McAlpine
President


$$1'' = 1000'$$

SARAFI OPERATIVE COMPANY

State Bars 31 & 32

LOCATION PLAT

P.2/2

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

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

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-105
Revised 1-1-89

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

WELL API NO.

30-025-33432

5. Indicate Type of Lease

STATE ☒

FEE ☐

6. State Oil & Gas Lease No.

V-4338

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well:

OIL WELL ☐

GAS WELL ☐

DRY ☒

OTHER ☐

b. Type of Completion:

NEW
WELL ☐

WORK
OVER ☐

DEEPEN ☐

PLUG
BACK ☐

DIFF
RESVR ☐

OTHER ☐

2. Name of Operator

Sahara Operating Company

3. Address of Operator

P. O. Box 10280, Midland, TX 79702

4. Well Location

Unit Letter K: 1600 Feet From The South Line and 1800 Feet From The West Line

Section 31 Township 20-S Range 36-E NMPM Lea County

10. Date Spudded

05/10/96

11. Date T.D. Reached

05/20/96

12. Date Compl. (Ready to Prod.)

N/A

13. Elevations (DF& RKB, RT, GR, etc.)

3644' CR

14. Elev. Casinghead

N/A

15. Total Depth

4380'

16. Plug Back T.D.

N/A

17. If Multiple Compl. How
Many Zones? N/A

18. Intervals
Drilled By

Rotary Tools
Surface-4380'

Cable Tools

19. Producing Interval(s), of this completion - Top, Bottom, Name

N/A

20. Was Directional Survey Made

No

21. Type Electric and Other Logs Run

Dual Laterolog Micro-SFL, Long Spaced Sonic, Spectral Density
Dual Spaced Neutron

22. Was Well Cored

No

23. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB/FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8.625"	24#/Ft.	1392'	12-1/4"	525 sx Premium Plus	

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET

25. TUBING RECORD

26. Perforation record (interval, size, and number)

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.

DEPTH INTERVAL

AMOUNT AND KIND MATERIAL USED

28. PRODUCTION

Date First Production	Production Method (Flowing, gas lift, pumping - Size and type pump)					Well Status (Prod. or Shut-in)	
						Dry Hole	
Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
Flow Tubing Press.	Casing Pressure	Calculated 24- Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)	

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

Test Witnessed By

30. List Attachments

31. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief

Signature

Celeste G. Dale

Printed

Name Celeste G. Dale

Title Agent

Date 05/26/96

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

T. Anhy	1793'	T. Canyon	
T. Salt	1919'	T. Strawn	
B. Salt	3314'	T. Atoka	
T. Yates	3494'	T. Miss	
T. 7 Rivers	3745'	T. Devonian	
T. Queen		T. Silurian	
T. Grayburg		T. Montoya	
T. San Andres		T. Simpson	
T. Glorieta		T. McKee	
T. Paddock		T. Ellenburger	
T. Blinebry		T. Gr. Wash	
T. Tubb		T. Delaware Sand	
T. Drinkard		T. Bone Springs	
T. Abo		T.	
T. Wolfcamp		T.	
T. Penn		T.	
T. Cisco (Bough C)		T.	

Northwestern New Mexico

T. Ojo Alamo		T. Penn. "B"	
T. Kirtland-Fruitland		T. Penn. "C"	
T. Pictured Cliffs		T. Penn. "D"	
T. Cliff House		T. Leadville	
T. Menefee		T. Madison	
T. Point Lookout		T. Elbert	
T. Mancos		T. McCracken	
T. Gallup		T. Ignacio Otzte	
Base Greenhorn		T. Granite	
T. Dakota		T.	
T. Morrison		T.	
T. Todilto		T.	
T. Entrada		T.	
T. Wingate		T.	
T. Chinle		T.	
T. Permian		T.	
T. Penn "A"		T.	

OIL OR GAS SANDS OR ZONES

No. 1, from.....to..... No. 3, from.....to.....
 No. 2, from.....to..... No. 4, from.....to.....

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.....
 No. 2, from.....to.....feet.....
 No. 3, from.....to.....feet.....

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness in Feet	Lithology	From	To	Thickness in Feet	Lithology
0	3200	3200	Salt/Anhydrite	3762	3790	20	Anhydrite/Dolomite/Shale
3200	3212	12	Salt: clear halite	3790	3812	22	Dolomite/Sandstone/Anhydrite
3312	3322	10	Salt/Anhydrite	3812	3836	24	Dolomite
3322	3372	50	Anhydrite	3836	3892	56	Dolomite/Sandstone
3372	3392	20	Anhydrite/Shale	3892	3912	20	Dolomite
3392	3444	52	Anhydrite	3912	3932	20	Dolomite/Sandstone
3444	3532	88	Anhydrite/Dolomite	3932	3952	20	Dolomite
3532	3542	10	Anhydrite/Shale	3952	3972	20	Dolomite/Sandstone
3542	3592	50	Anhydrite	3970	3988	18	No Returns-Lost Circ. @ 3988
3592	3622	30	Anhydrite/Sandstone	3988	3999	11	Lost Circulation @ 4001'
3622	3632	10	Anhydrite	4002	4012	10	Dolomite
3632	3652	30	Anhydrite/Shale	4012	4032	20	Dolomite/Shale
3652	3662	10	Anhydrite/Sandstone	4032	4052	20	Dolomite
3662	3702	40	Anhydrite	4052	4100	48	No Samples-Shaker Bypassed
3702	3722	20	Anhydrite/Dolomite	4102	4282	180	Dolomite
3722	3742	20	Anhydrite	4282	4376	94	Dolomite/Sandstone
3742	3762	20	Anhydrite/Shale				

RECEIVED
 NOV 25
 1960

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

OIL CONSERVATION DIVISION
310 Old Santa Fe Trail, Room 206
Santa Fe, New Mexico 87503

WELL API NO.	30-025-33432
5. Indicate Type of Lease	STATE ☒ FEE ☐
6. State Oil & Gas Lease No.	V-4338

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)	
1. Type of Well: OIL WELL ☒ GAS WELL ☐ OTHER ☐	7. Lease Name or Unit Agreement Name State Sims "31"
2. Name of Operator Sahara Operating Company	8. Well No. 1
3. Address of Operator P. O. Box 10280, Midland, TX 79702	9. Pool name or Wildcat Wildcat Eumont V-SR-DW
4. Well Location Unit Letter <u>K</u> : <u>1600</u> Feet From The <u>South</u> Line and <u>1800</u> Feet From The <u>West</u> Line Section <u>31</u> Township <u>20-S</u> Range <u>36-E</u> NMPM Lea County	
10. Elevation (Show whether DF, RKB, RT, GR, etc.) <u>3644' GR</u>	

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐
PULL OR ALTER CASING ☐	
OTHER: ☐	

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐	ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐	PLUG AND ABANDONMENT ☐
CASING TEST AND CEMENT JOB ☒	
OTHER: ☐	

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

05/12/96 Ran 30 jts 8-5/8" OD 24#/ft, K-55 ST&C new casing. Total of 1396' set @ 1392' using 6 centralizers. Halliburton cemented w/ 525 sx Premium Plus cement w/ 1/4#/sk cellophane, 2% CaCl, 4% gel. Tailed in w/ 195 sx Premium Plus w/ 2% CaCl. Circ 214 sx to surface. Waiting on cement 12 hrs. Tested casing to 1000# for 30 min., OK. No pressure drop. Approx. temp. of cmt slurry when mixed = 95°. Est. min. fm. temp. @ 1300' = 73°. Est. cmt strength at time of csg test = 500 psi.

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

SIGNATURE Celeste G. Dale TITLE Celeste G. Dale DATE 05/16/96
TYPE OR PRINT NAME Celeste G. Dale TELEPHONE NO. (915) 687-4220

(This space for State Use)

APPROVED BY Jerry Sexton TITLE DISTRICT 1 SUPERVISOR DATE MAY 20 1996
CONDITIONS OF APPROVAL, IF ANY:

Submit 3 Copies
to Appropriate
District Office

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-103
Revised 1-1-89

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

OIL CONSERVATION DIVISION
310 Old Santa Fe Trail, Room 206
Santa Fe, New Mexico 87503

WELL API NO.

30-025-33432

5. Indicate Type of Lease

STATE ☒

FEE ☐

6. State Oil & Gas Lease No.

V-4338

7. Lease Name or Unit Agreement Name

State Sims "31"

8. Well No.

1

9. Pool name or Wildcat

Eumont
Wildcat Y-SR-QW

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A
DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT"
(FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well:

OIL
WELL ☒

GAS
WELL ☐

OTHER

2. Name of Operator

Sahara Operating Company

3. Address of Operator

P. O. Box 10280, Midland, TX 79702

4. Well Location

Unit Letter K : 1600 Feet From The South Line and 1800 Feet From The West Line

Section 31 Township 20-S Range 36-E NMPM Lea County

10. Elevation (Show whether DF, RKB, RT, GR, etc.)

3644' GR

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐

PLUG AND ABANDON ☐

TEMPORARILY ABANDON ☐

CHANGE PLANS ☐

PULL OR ALTER CASING ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐

ALTERING CASING ☐

COMMENCE DRILLING OPNS. ☒

PLUG AND ABANDONMENT ☐

CASING TEST AND CEMENT JOB ☐

OTHER: ☐

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

05/10/96 Move in rig, spud 12-1/4" hole.

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

SIGNATURE Celeste G. Dale TITLE Agent DATE 05/16/96

TYPE OR PRINT NAME Celeste G. Dale TELEPHONE NO. (915) 687-4220

(This space for State Use)

APPROVED BY [Signature] TITLE DISTRICT 1 SUPERVISOR DATE MAY 20 1996

CONDITIONS OF APPROVAL, IF ANY:

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

RECEIVED
96 MAR 14 AM 8 52

☐ 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 10280 Midland, TX 79702		OGRID Number 020077
		API Number 30 - 025-33432
Property Code 18910	Property Name State Sims "31"	Well No. 1

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
K	31	20-S	36-E		1600	South	1800	West	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
Eumont Yates Seven Rivers					Proposed Pool 1 Queen		Proposed Pool 2 Yates		

Work Type Code N	Well Type Code O	Cable/Rotary R	Lease Type Code S	Ground Level Elevation 3644'
Multiple No	Proposed Depth 4600'	Formation Lower Seven Rivers	Contractor Norton Drilling	Spud Date 05/09/96

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#	1400'	710	Surface
7-7/8"	5-1/2"	15.5#	4500'	625	Surface

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 12-1/4" hole to 1400', set 8-5/8" casing, cement to surface, RU BOP's.
Drill 7-7/8" hole to 4500', set 5-1/2" casing, cement to surface, RD BOP's,
release rig. Perforate lowest productive zone, run tubing, acidize & place on test.

Approval for drilling only -- CANNOT produce
until Non-Standard Location is approved.

Permit Expires 1 Year From Approval
Date Unless Drilling Underway

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

Signature:

Printed name: Robert B. McAlpine

Title: President

Date: 05/02/96

Phone: (915) 687-4220

OIL CONSERVATION DIVISION

Approved by:

Title: Geologist

Approval Date: MAY 09 1996

Expiration Date:

Conditions of Approval:

Attached ☐

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

Energy, Minerals and Natural Resources Department

Revised February 10, 1994
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

OIL CONSERVATION DIVISION

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 3D-025-33432	Pool Code 22800	Pool Name Wildcat Eumont Y-SR-2N
Property Code 18910	Property Name STATE SIMS "31"	Well Number 1
OGRID No. 020077	Operator Name SAHARA OPERATING COMPANY	Elevation 3644

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	31	20 S	36 E		1600	SOUTH	1800	WEST	LEA

Bottom Hole Location If Different From Surface

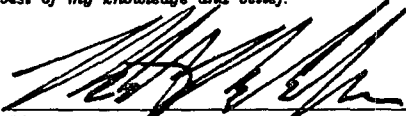
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres 40	Joint or Infill	Consolidation Code		Order No.					

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

LOT 1				
39.83 ACRES LOT 2				
39.89 ACRES LOT 3				
← 1800' → ○ 40.03 ACRES LOT 4	1600' ○			
40.09 ACRES				

OPERATOR CERTIFICATION

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



Signature

Robert B. McAlpine
Printed Name

President
Title

05/02/96
Date

SURVEYOR CERTIFICATION

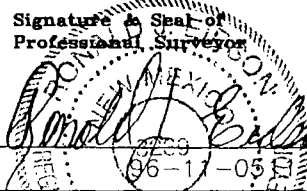
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

APRIL 26, 1996

Date Surveyed

DMCC

Signature & Seal of Professional Surveyor



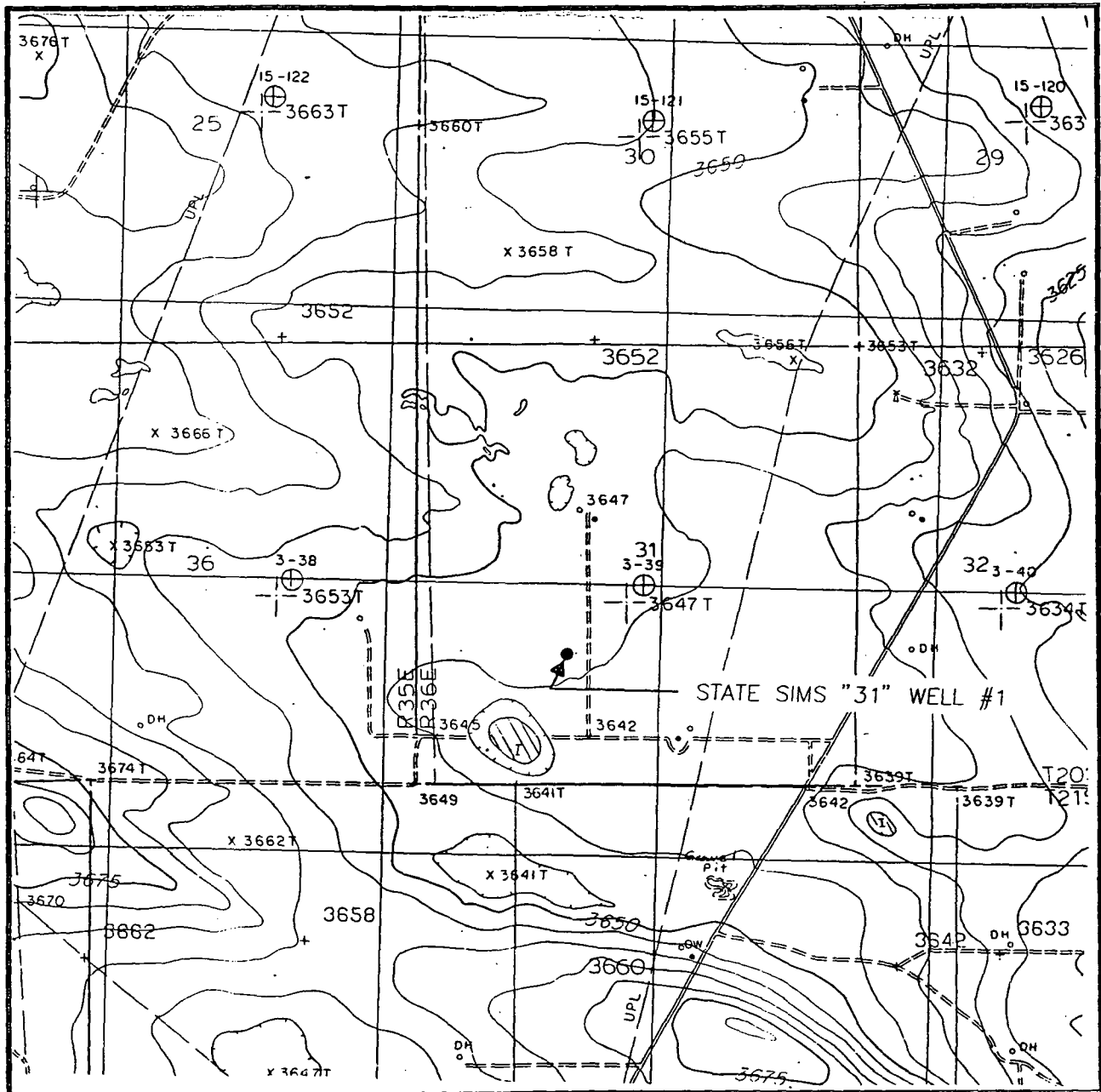
4-30-96

Certificate No.

JOHN W. WEST
RONALD L. EIDSON
GARY EIDSON

676
3239
12641

LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL:
MONUMENT - 5'

SEC. 31 TWP. 20-S RGE. 36-E

SURVEY N.M.P.M.

COUNTY LEA

DESCRIPTION 1600' FSL & 1800' FWL

ELEVATION 3644

OPERATOR SAHARA OPERATING CO.

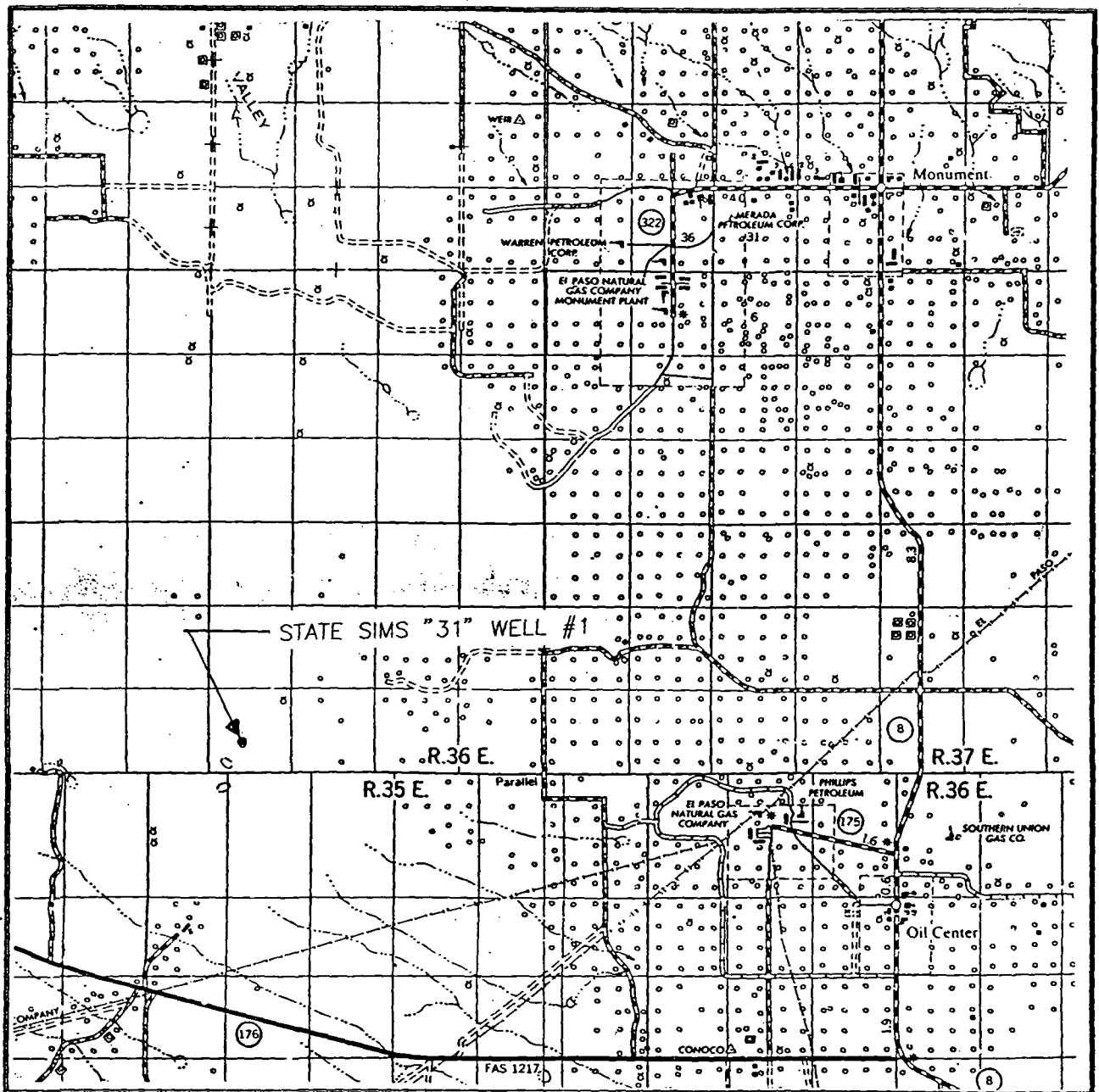
LEASE STATE SIMS "31"

U.S.G.S. TOPOGRAPHIC MAP

MONUMENT SW, N.M.

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

VICINITY MAP



SCALE: 1" = 2 MILES

SEC. 31 TWP. 20-S RGE. 36-E

SURVEY N.M.P.M.

COUNTY LEA

DESCRIPTION 1600' FSL & 1800' FWL

ELEVATION 3644

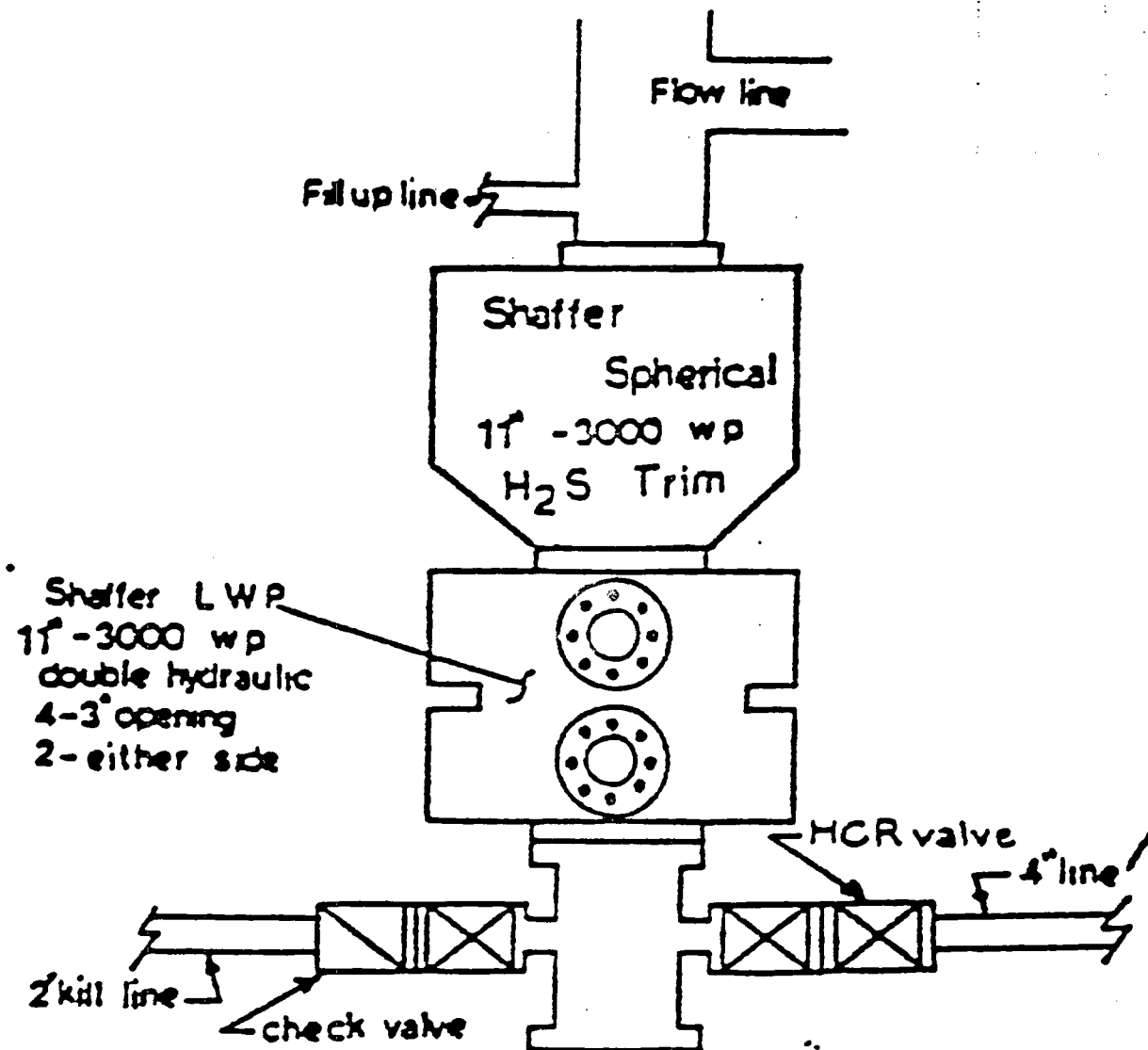
OPERATOR SAHARA OPERATING CO.

LEASE STATE SIMS "31"

JOHN WEST ENGINEERING
HOBBS, NEW MEXICO

(505) 393-3117

Blow Out Preventor Schematic



SAHARA OPERATING COMPANY

Lease: State Sims "31" Well: #1

WRS COMPLETION REPORTCOMPLETIONS SEC 31 TWP 20S RGE 36E
PI# 30-T-0005 06/27/96 30-025-33432-0000 PAGE 1NMEX LEA * 1600FSL 1800FWL SEC
STATE COUNTY FOOTAGE SPOT
SAHARA OPERATING D D
OPERATOR 1 STATE SIMS '31' WELL CLASS INIT FIN
WELL NO. LEASE NAME
3657KB 3644GR EUMONT
OPER ELEV FIELD/POOL/AREALEASE NO. PERMIT OR WELL I.D. NO.
05/10/1996 05/21/1996 ROTARY VERT D&A
SPUD DATE COMP. DATE TYPE TOOL HOLE TYPE STATUS
4600 SVN RVRS NORTON DRLG 5 RIG SUB 12
PROJ. DEPTH PROJ. FORM CONTRACTOR
DTD 4380 FM/TD SVN RVRS
DRILLERS T.D. LOG T.D. PLUG BACK TD OLD T.D. FORM T.D.**LOCATION DESCRIPTION**

10 MI SW MONUMENT, NM

CASING/LINER DATACSG 8 5/8 @ 1392 W/ 525 SACKS
CMT PLUGS: 3738 W/35 SX, 3570 W/35 SX, 1442 W/35 SX,
SURF W/10 SX

TYPE	FORMATION	LTH	TOP DEPTH/SUB	BSE DEPTH/SUB
LOG	RUSTLER		1793 1864	
LOG	SALT		1919 1738	3314 343
LOG	YATES		3494 163	
LOG	SVN RVRS		3745 -88	

SUBSEA MEASUREMENTS FROM KB

FORMATION TEST DATADST 1 4017- 4053 SVN RVRS
REC 3000.0 FT SULW
NO TIMES OR PRESSURES RPTD**LOGS AND SURVEYS /INTERVAL, TYPE/**

LOGS	DLL	MSFL	LSS
LOGS	SPCT	DSN	

CONTINUED IC# 300257029496

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**Petroleum Information
Corporation**PI-WRS-GET
Form No 187

COMPLETIONS SEC 31 TWP 20S RGE 36E
PI# 30-T-0005 06/27/96 30-025-33432-0000 PAGE 2

SAHARA OPERATING
1 STATE SIMS '31'

D D

DRILLING PROGRESS DETAILS

SAHARA OPERATING
BOX 10280
MIDLAND, TX 79702
915-687-4220
05/10 LOC/1996/
05/31 4380 TD, HOLDING FOR DATA
RIG REL 05/20/96
06/25 4380 TD
COMP 5/21/96, D&A
NO CORES, ONE DST RPTD