

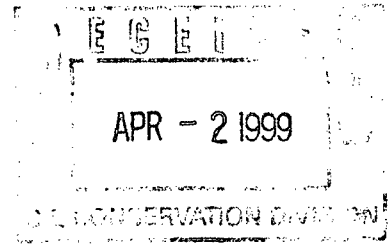
DHC 4/22/99

Xeric Oil & Gas Corporation
200 N. Loraine, Suite 1000 P.O. Box 352
Midland, Texas 79702
(915) 683-3171 Fax: (915) 683-3152

23/2

March 31, 1999

State of New Mexico
Energy, Minerals and
Natural Resources Department
Oil Conservation Division
2040 South Pacheco
Santa Fe, New Mexico 87505



Re: Downhole Commingling
Carter 19 Well No. 1
API No. 30-025-33904
Lea County, New Mexico

Gentlemen:

Xeric Oil & Gas Corporation respectfully requests an exception for the above captioned well to NM Statewide Rule 303. The well is currently producing from a recompletion in the Blinebry (06650) and was previously producing from the DK;ABO (15200). Xeric proposes the following production allocations for the two zones based on production rates from each zone as follows:

	<u>GAS</u>	<u>OIL</u>
DK;ABO	38%	30%
BLINEBRY	62%	70%

Please find attached our application for the Downhole Commingling for the captioned well for your review and approval together with supporting documentation.

Thank you for your attention to this matter and should your have any questions or need additional information, please advise.

Sincerely,


R.C. (Rob) Barnett
President

Xeric Oil & Gas Corporation
200 N. Loraine, Suite 1000 P.O. Box 352
Midland, Texas 79702
(915) 683-3171 Fax: (915) 683-3152

March 31, 1999

State of New Mexico
Energy, Minerals and
Natural Resources Department
Oil Conservation Division
P. O. Box 1980
Hobbs, NM 88241-1980

Re: Downhole Commingling
Carter 19 Well No. 1
API No. 30-025-33904
Lea County, New Mexico

Gentlemen:

Xeric Oil & Gas Corporation respectfully requests an exception for the above captioned well to NM Statewide Rue 303. The well is currently producing from a recompletion in the Blinebry (06660) and was previously producing from the DK; ABO (15200). Xeric proposes the following production allocations for the two zones based on production rates from each zone as follows:

	<u>GAS</u>	<u>OIL</u>
DK;ABO	38%	30%
Blinebry	62%	70%

Please find attached our application for the Downhole Commingling for the captioned well for your review and approval together with supporting documentation.

Thank you for your attention to this matter and should you have any questions or need additional information, please advise.

Sincerely yours,


R.C. (Rob) Barnett
President

APPLICATION FOR DOWNHOLE COMMINGLING FORM C-107-A

DISTRICT I
P.O. Box 1000, Hobbs, NM 88201-1000

DISTRICT II
611 South First St., Artesia, NM 88210-2626

DISTRICT III
1000 Rio Grande Rd., Artesia, NM 87510-1000

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

2040 S. Pecos
Santa Fe, New Mexico 87505-8429

Form C-107-A
New 3-12-88

APPROVAL PROCESS:

Administrative ☐ Hearing ☐

EXISTING WELLBORE

YES ☐ NO ☐

APPLICATION FOR DOWNHOLE COMMINGLING

Operator Xeric Oil & Gas Corporation **Address** PO Box 352 Midland, Texas 79702

Well #1 Carter 19 **Well No.** M-19-20S-39E **County** Lea

Lease **Well No.** **Unit No.** **Top of Hole**

OGRID NO. 025482 **Property Code** 20660 **API NO.** 30-025-33904 **Spacing this Lease Type:** (check 1 or more)
Federal ☐ State ☐ **Leased Fee** ☒

The following data are submitted in support of application for commingling of production from the following zones:			
1. Pool Name and Pool Code	Upper Zone Blinbry 06660	Lower Zone DK; ABO 15200	
2. Top and Bottom of Pay Section (Perforations)	6078'-6114'	7242'-7532'	
3. Type of production (Oil or Gas)	Oil	Oil	
4. Method of Production (Flowing or Artificial Lift)	Artificial Lift	N/A	
5. Bottomhole Pressure	a. Current 1600	a.	1600
Oil Zones - Artificial Lift: Gas & Oil - Flowing: Measured Current All Gas Zones: Estimated Or Measured Original	b. Original N/A	b.	N/A
6. Oil Gravity ($^{\circ}$ API) or Gas STU Content	38.9 $^{\circ}$		35.9 $^{\circ}$
7. Producing or Shut-in?	Producing		Shut in
Production Marginal? (yes or no)	No		No
* If Shut-in, give date and oil/gas/water rates of last production	Date: Rate:	Date: Rate:	Date: 6/9/98 Rate: 11 ³⁵ MCF 20 BO 20 BW
* If Producing, give date and oil/gas/water rates of recent test (within 60 days)	Date: 1/9/99 Rate: 58 MCF 26 BO 64 BW	Date: Rate:	Date: Rate: N/A
8. Fluid Percentage Allocation Formula - % for each zone	Oil: 70 % Gas: 62 %	Oil: % Gas: %	Oil: 30 % Gas: 38 %

9. If allocation formula is based upon something other than current or past production, or is based upon some other method, submit attachments with supporting data and/or explaining method and providing rate projections or other required data.
10. Are all working, overriding, and royalty interests identical in all commingled zones? ☒ Yes ☐ No
If not, have all working, overriding, and royalty interests been notified by certified mail? ☒ Yes ☐ No
Have all offset operators been given written notice of the proposed downhole commingling? ☒ Yes ☐ No
11. Will cross-flow occur? ☒ Yes ☐ No If yes, are fluids compatible, will the formations not be damaged, will any cross-flowed production be recovered, and will the allocation formula be reliable. ☐ Yes ☐ No (If No, attach explanation)
12. Are all produced fluids from all commingled zones compatible with each other? ☒ Yes ☐ No
13. Will the value of production be decreased by commingling? ☐ Yes ☒ No (If Yes, attach explanation)
14. If this well is on, or communitized with, state or federal lands, either the Commissioner of Public Lands or the United States Bureau of Land Management has been notified in writing of this application. ☐ Yes ☒ No NA
15. NMOC Reference Cases for Rule 303(D) Exceptions: ORDER NO(S):

16. ATTACHMENTS:

- C-102 for each zone to be commingled showing its spacing unit and acreage dedication.
- Production curve for each zone for at least one year. (If not available, attach explanation.)
- For zones with no production history, estimated production rates and supporting data.
- Data to support allocation method or formula.

RULE 303. SEGREGATION OF PRODUCTION FROM POOLS

303.A. SEGREGATION REQUIRED

(1) Each pool shall be produced as a single common source of supply and wells therein shall be completed, cased, maintained, and operated so as to prevent communication, within the wellbore, with any other specific pool or horizon, and the production therefrom shall at all times be actually segregated, and the commingling or confusion of such production, before marketing, with the production from any other pool or pools is strictly prohibited.

303.B. SURFACE COMMINGLING

(1) The Division Director shall have the authority to grant an exception

to Rule 303-A to permit the commingling in common facilities of the commonly owned production from two or more common sources of supply, without notice and hearing, provided that the liquid hydrocarbon production from each common source of supply is to be accurately measured or determined prior to such commingling in accordance with the applicable provisions of the Division's "Manual for the Installation and Operation of Commingling Facilities," then current.

(2) Application for administrative approval to commingle the production from two or more common sources of supply shall be filed in TRIPPLICATE with the Santa Fe Office of the Division. The application

CARTER 19-1 PRODUCTION
XERIC OIL & GAS CORPORATION
SW/4 SEC. 19, T20S, R39E
LEA COUNTY, NEW MEXICO

<u>DATE</u>	<u>OIL</u>	<u>MCF</u>	<u>WATER</u>
<u>BLINEBRY 06660</u>			
7/98	412	810	723
8/98	295	812	636
9/98	242	644	540
10/98	849	1551	2320
11/98	1114	2149	2412
12/98	802	1848	3173
1/99	<u>564</u>	<u>1707</u>	<u>2219</u>
	4278	9521	12,023

DK; ABO 15200

6/97	614	436	327
7/97	506	674	1927
8/97	925	1189	4021
9/97	681	1054	2190
10/97	562	819	1385
11/97	759	1743	1782
12/97	580	1238	950
1/98	484	1419	774
2/98	383	1101	555
3/98	375	1290	658
4/98	323	996	516
5/98	285	902	501
6/98	<u>289</u>	<u>708</u>	<u>471</u>
	6,766	13,569	16,057

DISTRICT I
P.O. Box 1000, Hobbs, NM 88241-1000

State of New Mexico
Energy, Minerals and Natural Resources Department

Revised February 10, 1964
 Submit to Appropriate District Office
 State Lease - 4 Copies
 Fee Lease - 3 Copies

DISTRICT II
P.O. Drawer DD, Artesia, NM 88311-0719

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 30-025-33904	Pool Code	Pool Name BLINEBRY
Property Code 20660	Property Name CARTER	Well Number 1
OGRIID No. 25482	Operator Name XERIC OIL AND GAS CORPORATION	Elevation 3563

Surface Location

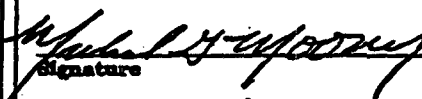
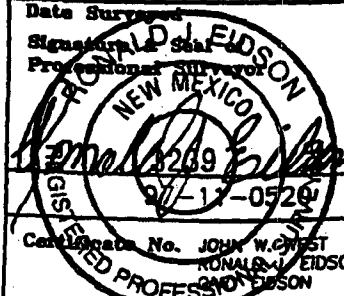
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	19	20 S	39 E		330	SOUTH	330	WEST	LEA

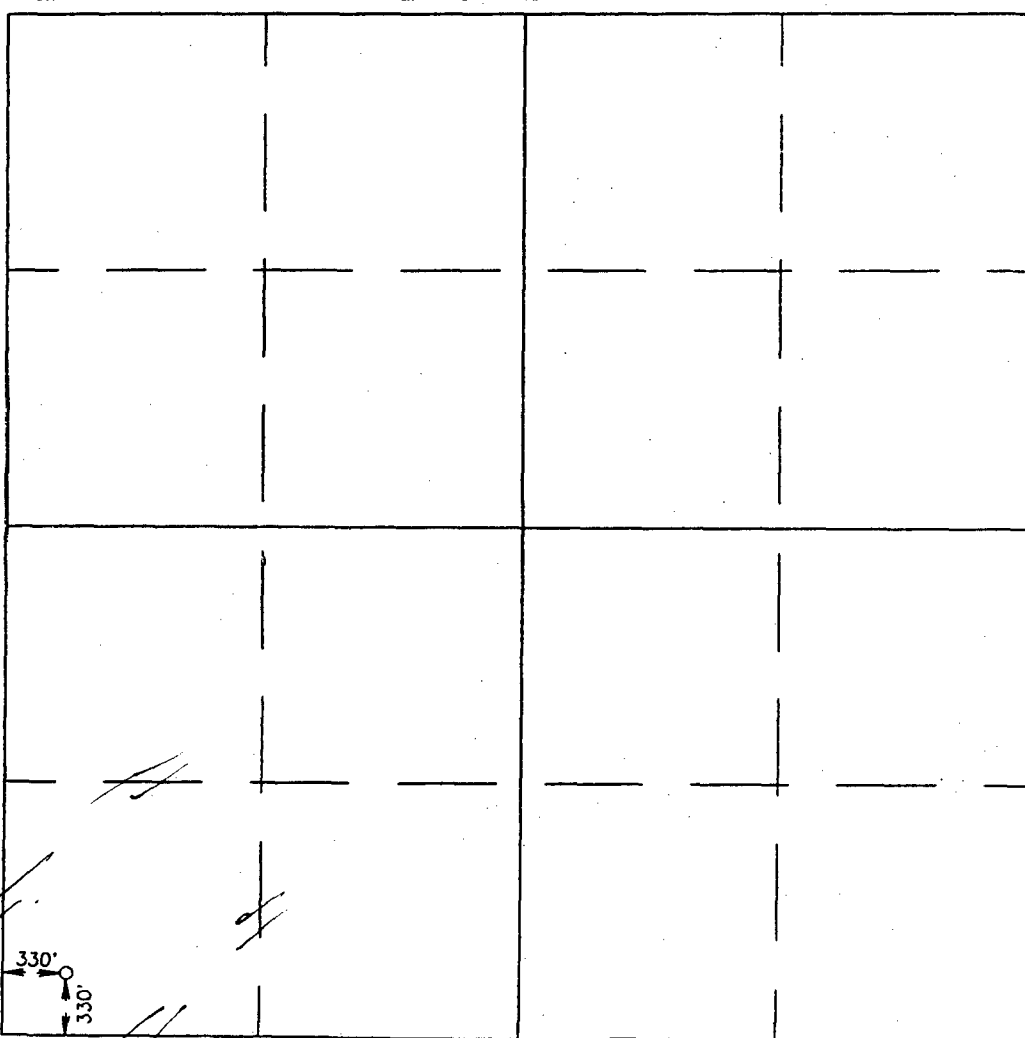
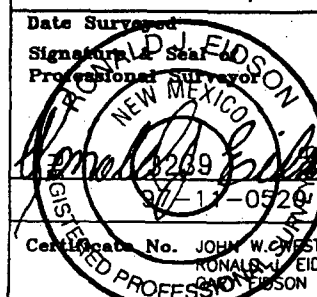
Bottom Hole Location If Different From Surface

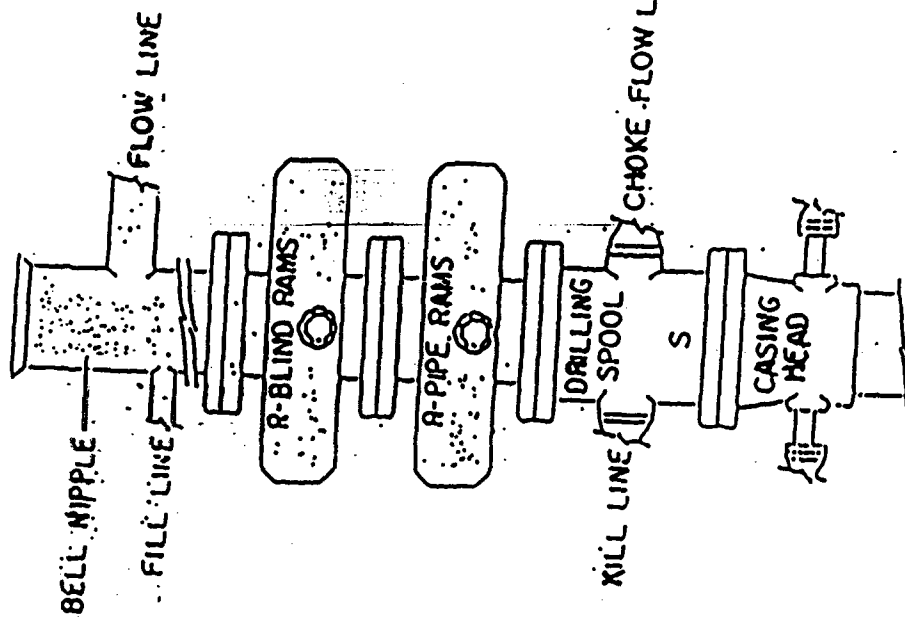
UL or lot No.	Section	Township	Range	Lot 14n	Feet from the	North/South line	Feet from the	East/West line	County
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Dedicated Acres 40	Joint or Infill I	Consolidation Code	Order No.
-----------------------	----------------------	--------------------	-----------

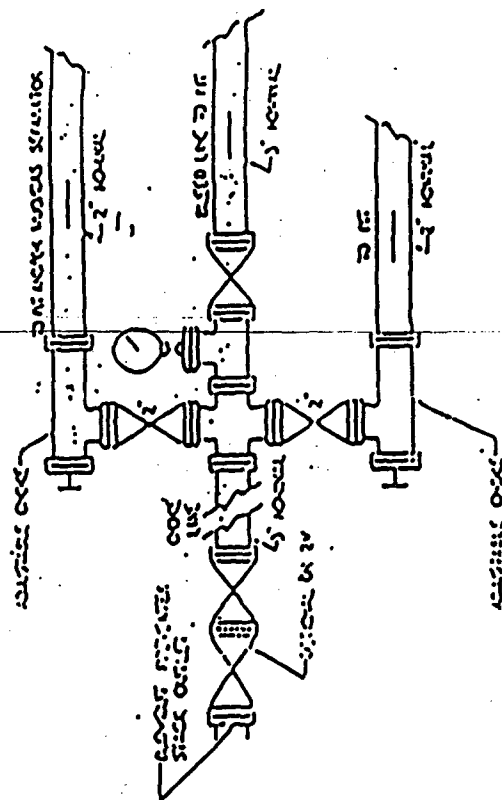
**NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION**

	OPERATOR CERTIFICATION <i>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</i>  Signature Michael G. Mooney Printed Name Consulting Engineer Title 3/29/97 Date
	SURVEYOR CERTIFICATION <i>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.</i> MARCH 20, 1997 Date Surveyed Signature & Seal Professional Surveyor  Certification No. JOHN W. WEST 676 RONALD W. EIDSON 323 RONALD EIDSON 126

	OPERATOR CERTIFICATION <i>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</i> <u><i>Michael G. Mooney</i></u> Signature <u>Michael G. Mooney</u> Printed Name <u>Consulting Engineer</u> Title <u>3/29/97</u> Date SURVEYOR CERTIFICATION <i>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.</i> MARCH 20, 1997 Date Surveyed _____ Signature & Seal _____ Professional Surveyor _____  Certificate No. <u>JOHN W. WEST</u> 676 <u>RONALD W. EIDSON</u> 3239 <u>RONALD EIDSON</u> 12641
--	--

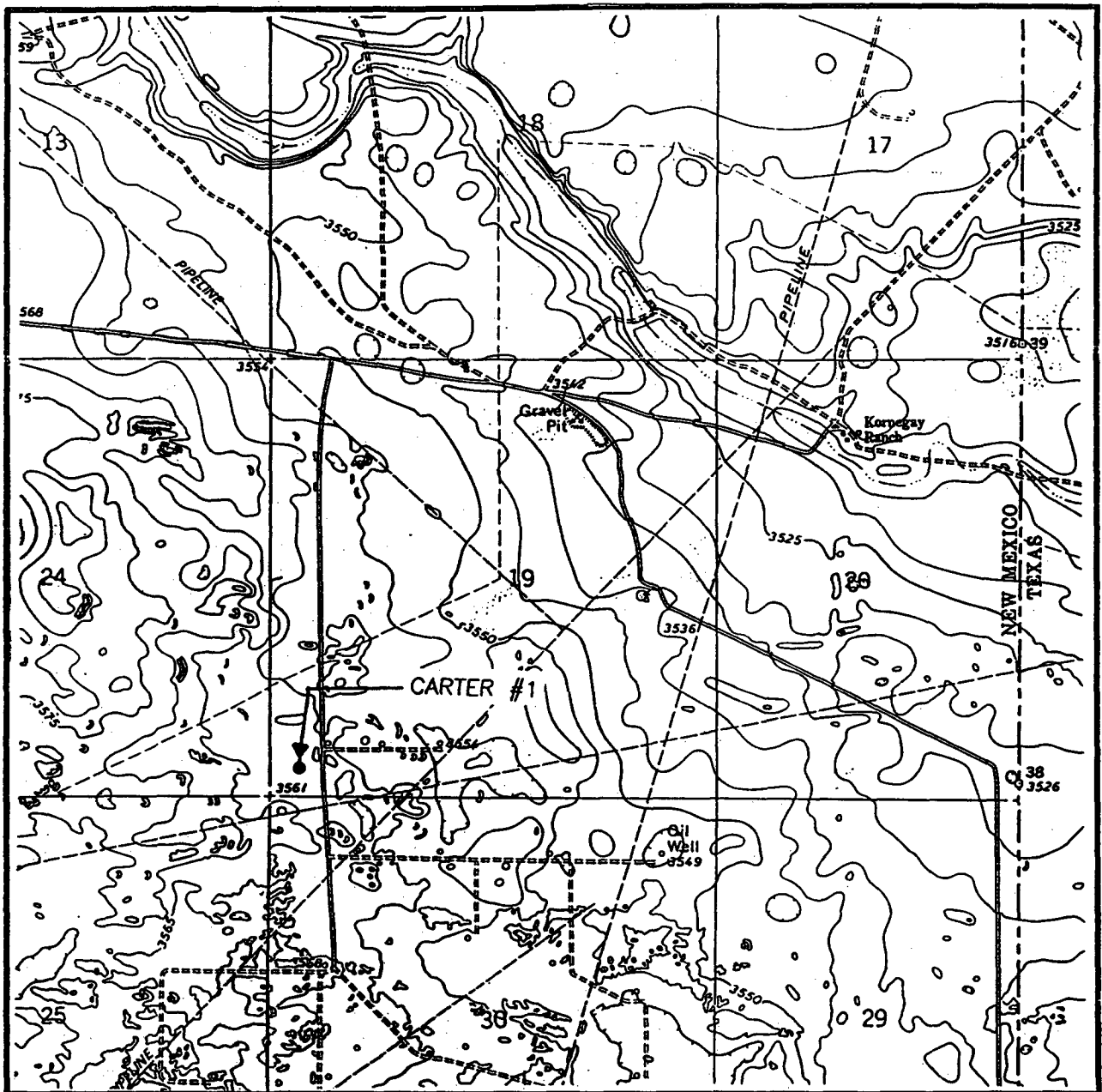


2000



PROPOSED BOP' CONFIGUREMENT

LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL:
HOBBS SE - 5'

SEC. 19 TWP. 20-S RGE. 39-E

SURVEY N.M.P.M.

COUNTY LEA

DESCRIPTION 330' FSL & 330' FWL

ELEVATION 3563

OPERATOR XERIC OIL AND
GAS CORPORATION

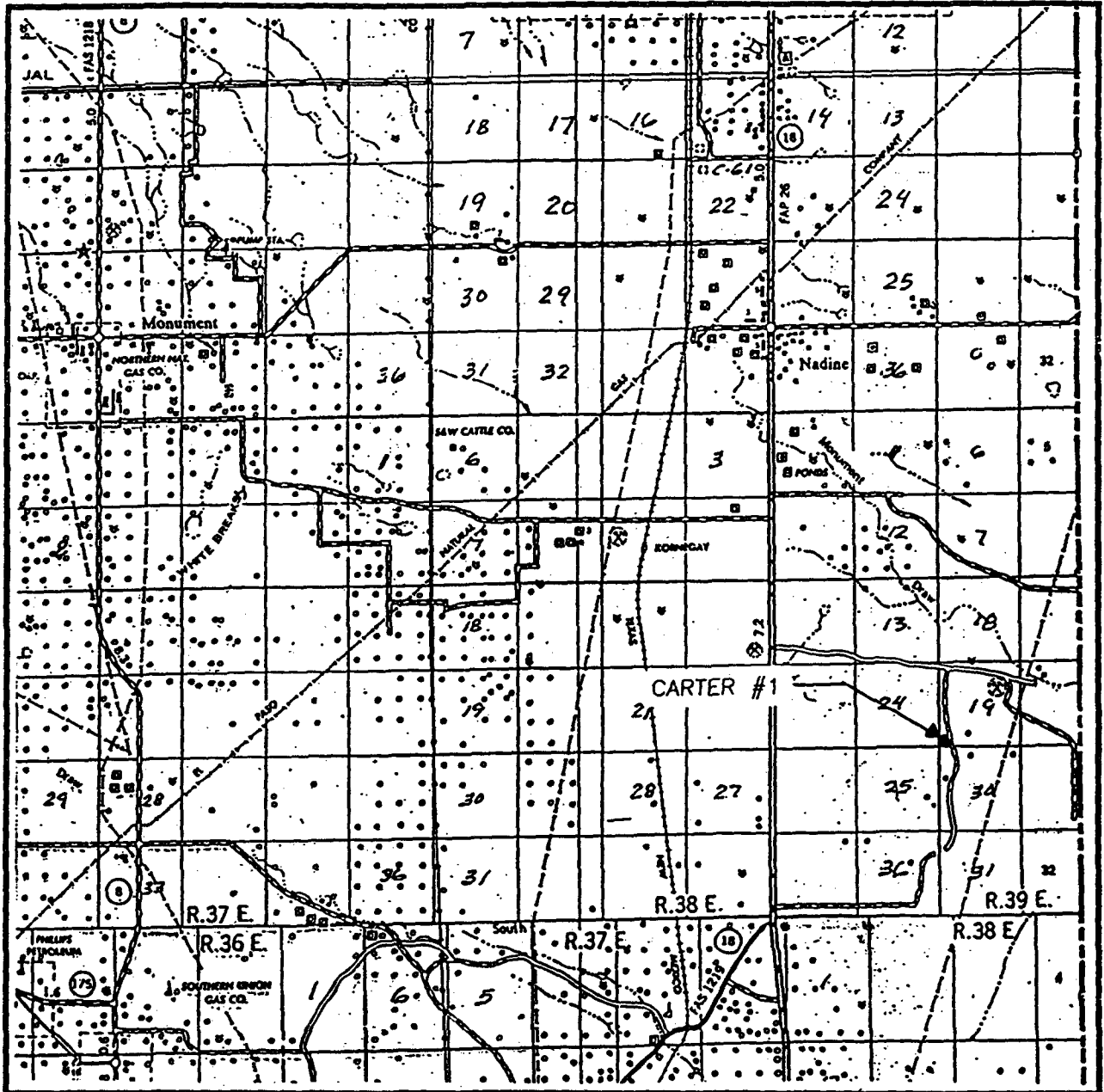
LEASE CARTER

U.S.G.S. TOPOGRAPHIC MAP

HOBBS SE, N.M.

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

VICINITY M.A.P



SCALE: 1" = 2 MILES

SEC. 19 TWP. 20-S RGE. 39-E

SURVEY N.M.P.M.

COUNTY LEA

DESCRIPTION 330' FSL & 330' FWL

ELEVATION 3563

OPERATOR XERIC OIL AND GAS CORPORATION

LEASE CARTER

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

COMPANY: Xeric Oil & Gas Corporation

WELL: Carter No. 1

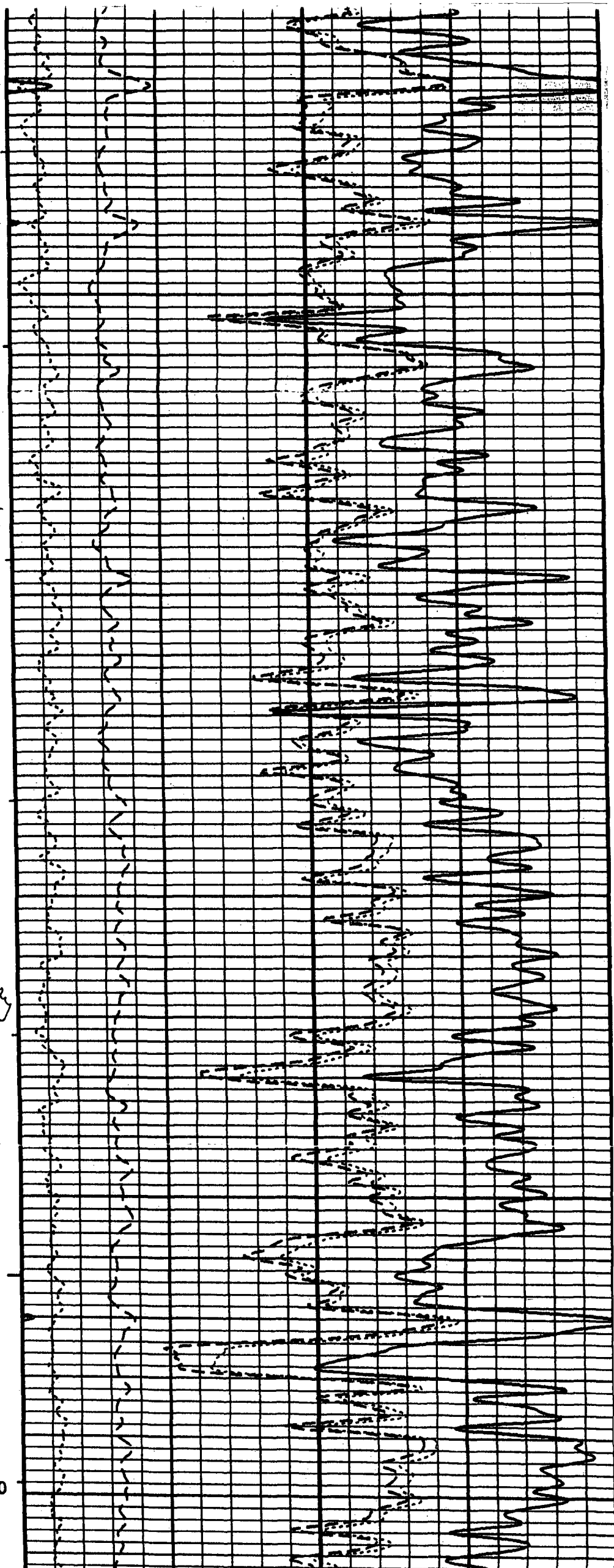
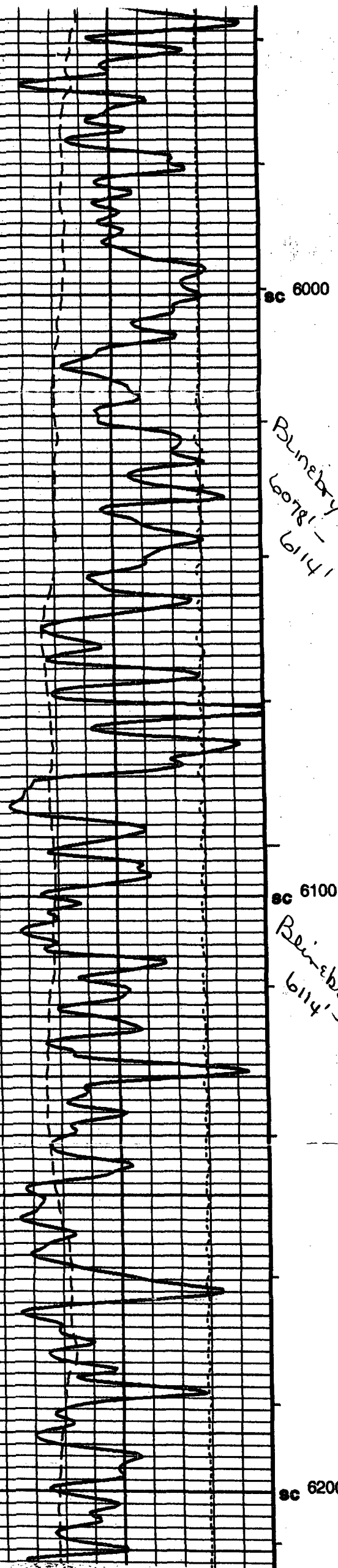
FIELD: DK Drinkard Abo

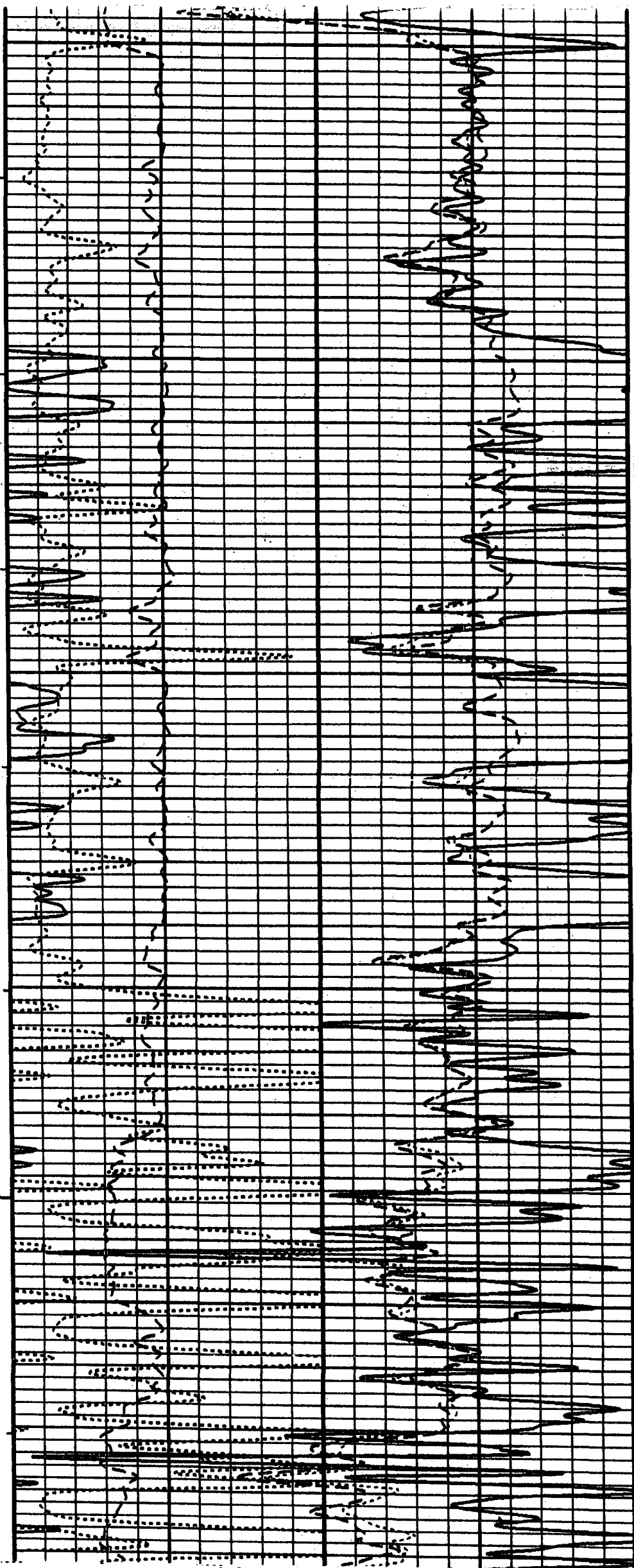
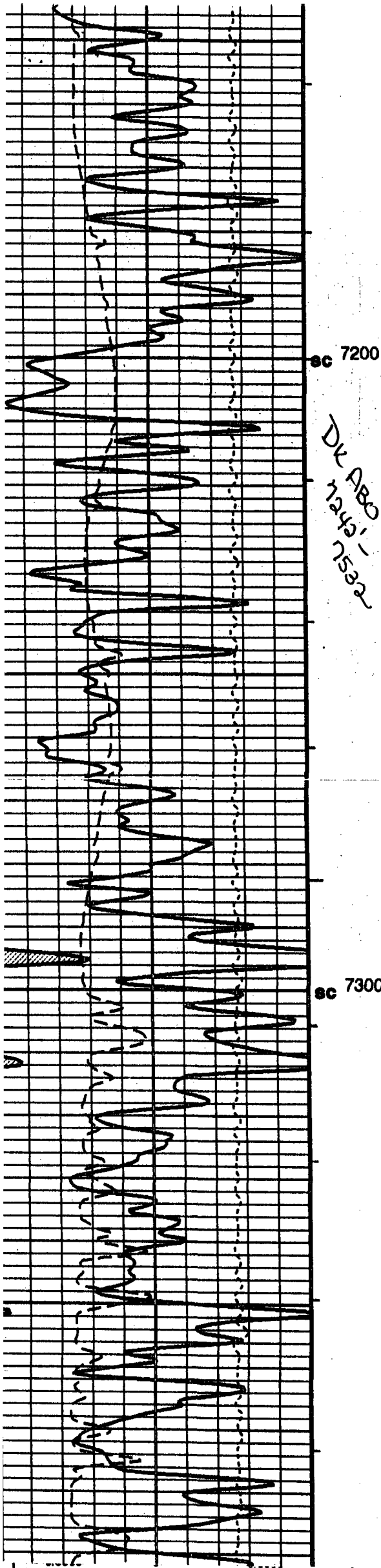
COUNTY: Lea

STATE: New Mexico

COUNTY: Lea
Field: DK Drinkard Abo
Location: 330' FSL & 330' FWL
Well: Carter No. 1
Company: Xeric Oil & Gas Corporation

Schlumberger		Platform Express: Compensated Neutron Three Detector Density / GR			
330' FSL & 330' FWL		Elev.: K.B. 3575 F G.L. 3563 F D.F. 3574 F			
Permanent Datum: <u>GROUND LEVEL</u>		Elev.: <u>3563 F</u>			
Log Measured From: <u>KELLY BUSHING</u>		12.0 F above Perm. Datum			
Drilling Measured From: <u>KELLY BUSHING</u>					
API Serial No. 30-025-33904		SECTION 19	TOWNSHIP 20S	RANGE 39E	
Logging Date		24-MAY-1997			
Run Number		ONE			
Depth Driller		7800 F			
Schlumberger Depth		7806 F			
Bottom Log Interval		7788 F			
Top Log Interval		200 F			
Casing Driller Size @ Depth		8.625 IN @ 1573 F @			
Casing Schlumberger		1583 F			
Bit Size		7.875 IN			
Type Fluid In Hole		Brine			
Density	Viscosity	9.9 LB/G	28 S		
Fluid Loss	PH		11		
Source Of Sample		Circulation Pit			
RM @ Measured Temperature		0.046 OHMM @ 78 DEGF @			
RMF @ Measured Temperature		0.046 OHMM @ 78 DEGF @			
RMC @ Measured Temperature		@ @			
Source RMF	RMC	Measured			
RM @ MRT	RMF @ MRT	0.033 @ 111	0.033 @ 111	@	@
Maximum Recorded Temperatures		111 DEGF 111			
Circulation Stopped	Time	24-MAY-1997			
Logger On Bottom	Time	24-MAY-1997 14:00			
Unit Number	Location	3043 HOBBS			
Recorded By		JEFF BURNETT			
Witnessed By		M. MOONEY / R. HALL			





sc 7400

ENS

HCA

GR

sc 7500

DLABO
7242 -
ecul 1532

sc 7600

HEF2

THRA

THP1

PKND HMT

DPH2

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

WELL API NO.
30-025-33904

5. Indicate Type of Lease
STATE ☐ FEE ☐

6. State Oil & Gas Lease No.

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
Keric Oil & Gas Corporation

3. Address of Operator
P. O. Box 352, Midland, TX 79702

4. Well Location
Unit Letter M : 330 Feet From The South Line and 330 Feet From The West

Section 19 Township 20 S Range 39 E NMMPM Lea County

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

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐ REMEDIAL WORK ☐ ALTERING CASING ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐ COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐
PULL OR ALTER CASING ☐ CASING TEST AND CEMENT JOB ☐
OTHER: ☐ OTHER: Surface Commingle

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.

We hereby request administrative approval to commingle production from the Blinberry and ABO formations at the surface on the Carter 19-#1 and #2 lease. The gravity of the Blinberry Oil is 37.4 and the ABO is 37.2. We currently receive the same price for both zones, and combined gravity should be 37.3. The lease is currently producing 50 BOPD, 25 BO from the #1 Well (Blinberry) and 25 BOPD from the #2 Well (ABO). A well location plat and schematic diagram of the tank battery is attached. The value of the commingled oil will be the same as it currently is. The use of a single tank battery will be more efficient due to less gas used at lease burning heater treators and fewer tanks that would be needed.

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

SIGNATURE Eddie Maddux TITLE Production Manager

DATE 11/20/98

TYPE OR PRINT NAME Eddie Maddux

TELEPHONE NO. 915-683-3650

(This space for State Use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

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

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

WELL API NO.

30-025-33904

5. Indicate Type of Lease

STATE ☐

FEE ☒

6. State Oil & Gas Lease No.

N/A

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)

7. Lease Name or Unit Agreement Name

Carter 19

1. Type of Well:

OIL
WELL ☒

GAS
WELL ☐

OTHER ☐

2. Name of Operator

Xeric Oil & Gas Corporation

8. Well No.

1

3. Address of Operator

PO Box 352, Midland, Texas 79702

9. Pool name or Wildcat

Blinebry 6660

4. Well Location

Unit Letter M : 330' Feet From The South Line and 330' Feet From The West Line

Section 19

Township 20S

Range 39E

NMPM

Lea

County

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

3563' 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: TD Wellbore ☒

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.

6/25/98 MI & RU PU POOH rods. DHP & tbg-RU WL set CIBP @ 6600' perf Blinebry Zone
6078-6114'

6/26/98 RIH tbg & pkr spot 200 gals on perfs break dn perfs. Pumped 1000 gals 15% NEFE HCL

6/27/98 Swab load-POH tbg & pkr

6/28/98 Frac dn csg-90,000# 20140 Sand-SI well

6/29/98 Flow & swab load

6/30/98 RIH prod. equipment RD & MO LOC

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

SIGNATURE

Eddie Maddux

TITLE Production Manager

DATE 8/19/98

TYPE OR PRINT NAME

Eddie Maddux

Production Manager

TELEPHONE NO. 915-683-3650

(This space for State Use)

ORIGINAL SIGNED BY

GARY WINK

APPROVED BY

FIELD REP. II

TITLE

DATE

DEC 29 1998

CONDITIONS OF APPROVAL, IF ANY

TC

70 11 11

dn

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

Energy Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

WELL API NO.

30-025-33904

5. Indicate Type of Lease

STATE ☐FEE ☒

6. State Oil & Gas Lease No.

N/A

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 ☐DIEFEN ☐PLUG BACK ☐DIFF RESVR ☐OTHER ☐

7. Lease Name or Unit Agreement Name

Carter 19

2. Name of Operator

Xeric Oil & Gas Corporation

8. Well No.

#1

3. Address of Operator

PO Box 352 Midland, Texas 79702

9. Pool name or Wildcat

Blinebry

4. Well Location

Unit Letter M; 330' Feet From The South Line and 330' Feet From The West Line

Section 19

Township 20S

Range 39E

NMPM

Lea

County

10. Date Spudded

5/9/97

11. Date T.D. Reached

5/24/97

12. Date Compl. (Ready to Prod.)

6/19/97

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

3563 GR

14. Elev. Casinghead

3566

15. Total Depth

7800

16. Plug Back T.D.

6600

17. If Multiple Compl. How

Many Zones?

N/A

18. Intervals Drilled By

Rotary Tools

X

Cable Tools

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

6078' - 6114' Blinebry

20. Was Directional Survey Made

Yes

21. Type Electric and Other Logs Run

Platform Express CWL W/ Litho Density, DLL

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 5/8 J-55	24	1582	12 1/4	775 SX "C" Circ to Sur	
5 1/2 N-80	17	5000	7 7/8		
5 1/2 J-55	17	2795	7 7/8	955 SX "H" TOC 3170'	

24.

LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 7/8		None

25. TUBING RECORD

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

1 SPF 6078' - 6114' 37 holes

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

DEPTH INTERVAL

AMOUNT AND KIND MATERIAL USED

6078-6114'

90,000# 20/40 Sand Frac

28.

PRODUCTION

Date First Production	Production Method (Flowing, gas lift, pumping - Size and type pump)					Well Status (Prod. or Shut-in)	
7/1/98	Pumping 2 1/2 X 1 1/4" X 18' RHBC					Prod	
Date of Test	Hours Tested	Choke Size	Prod's For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
7/10/98	24	N/A		25	60	2	2400/1
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)	
N/A	N/A					42	

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

Sold Warren Petroleum

Test Witnessed By

30. List Attachments

Deviation surveys, Electric logs

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

Printed

Name

Eddie Maddux

Title Prod. Manager

Date 7/16/98

This form is to be filed with the appropriate District Office of the Division not later than 30 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

Northwestern New Mexico

T. Anhy _____	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____ 2920	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____ 3028	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____ 4328	T. Simpson _____	T. Gallup _____	T. Ignacio Otzie _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinberry _____ 6080	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____ 6636	T. Delaware Sand _____	T. Todilto _____	T. _____
T. Drinkard _____ 6716	T. Bone Springs _____	T. Entrada _____	T. _____
T. Abo _____ 7148	T. _____	T. Wingate _____	T. _____
T. Wolfcamp _____	T. _____	T. Chinle _____	T. _____
T. Penn _____	T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. _____	T. Penn "A" _____	T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from.....7242.....to.....7532.....
 No. 2, from.....to.....
 No. 3, 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
1	279		Redbed/Salt				
279	2085		Redbed				
2085	3086		Salt				
3086	3663		Salt/Anhydrite				
3663	4239		Dolomite				
4239	4914		Dolomite				
4914	5592		Dolomite				
5592	5803		Dolomite/Lime				
5803	6231		Dolomite				
6231	6687		Dolomite				
6687	7162		Dolomite				
7162	7628		Dolomite				
7628	7800		Dolomite				

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

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

Form C-105
Revised 1-1-89

WELL API NO.

30-025-33904

5. Indicate Type of Lease

STATE ☐

FEE ☒

6. State Oil & Gas Lease No.

N/A

7. Lease Name or Unit Agreement Name

Carter 19

8. Well No.

#1

9. Pool name or Wildcat

DK ABO

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 ☐

DEEP
RESER ☐

OTHER ☐

2. Name of Operator

Xeric Oil & Gas Corporation

3. Address of Operator

PO Box 352 Midland, Texas 79702

4. Well Location

Unit Letter M : 330' Feet From The South Line and 330' Feet From The West

Section 19 Township 20S Range 39E NMPM Lea Country

10. Date Spudded
5/9/97

11. Date T.D. Reached
5/24/97

12. Date Compl. (Ready to Prod.)
6/19/97

13. Elevations (DF& RKB, RT, GR, etc.)
3563 GR

14. Elev. Casinghead
3566

15. Total Depth
7800

16. Plug Back T.D.
7748

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

18. Intervals
Drilled By

Rotary Tools
X

Cable Tools

19. Producing Interval(s), of this completion - Top, Bottom, Name
7242-7532 ABO

20. Was Directional Survey Made
Yes

21. Type Electric and Other Logs Run

Platform Express CWL W/ Litho Density, DLL

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 PUL
8 5/8 J-55	24	1582	12 1/4	775 SX "C" Circ to Sur	
5 1/2 N-80	17	5000	7 7/8		
5 1/2 J-55	17	2795	7 7/8	955 SX "H" TOC 3170'	

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

25. TUBING RECORD

SIZE	DEPTH SET	PACKER
2 7/8	7630	None

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

1 shot per foot 7242-7532 51 holes
0.385 "

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
7242-7532	20.000 gal 20% gel acid

28. PRODUCTION

Date First Production 6/19/97	Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping 2 1/2 X 1 3/4" X 18' RHBC					Well Status (Prod. or Shut-in) Prod	
Date of Test 6/19/97	Hours Tested 24	Choke Size N/A	Prod'n For Test Period	Oil - Bbl. 135	Gas - MCF 337	Water - Bbl. 5	Gas - Oil Ra 2500/1
Flow Tubing Press. N/A	Casing Pressure N/A	Calculated 24- Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Carr.) 41.7	

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

Sold - Warren Petroleum

Test Witnessed By

Mike Mooney

30. List Attachments

Deviation surveys, Electric loss

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

Randy Hall

Printed
Name

Randy Hall

Title

Geologist

Date 6/23/9

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-d 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 sp tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, vertical depths shall also be reported. For multiple completions, Items 25 through 29 shall be reported for each zone. The form is filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

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T. Drinkard 6716
T. Abo 7148
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T. Penn _____
T. Cisco (Bough C) _____

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T. Strawn _____
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T. Delaware Sand _____
T. Bone Springs _____
T. _____
T. _____
T. _____

Northwestern New Mexico

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T. Kirtland-Fruitland _____
T. Pictured Cliffs _____
T. Cliff House _____
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T. Wingate _____
T. Chinle _____
T. Permian _____
T. Penn "A" _____

T. Penn. "B" _____
T. Penn. "C" _____
T. Penn. "D" _____
T. Leadville _____
T. Madison _____
T. Elbert _____
T. McCracken _____
T. Ignacio Otzte _____
T. Granite _____
T. _____
T. _____
T. _____
T. _____
T. _____
T. _____
T. _____
T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from 7242 to 7532
No. 2, from _____ to _____
No. 3, from _____ to _____
No. 4, from _____ to _____

IMPORTANT WATER SANDS

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

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No. 3, from _____ to _____ feet

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6231	6687		Dolomite				
6687	7162		Dolomite				
7162	7628		Dolomite				
7628	7800		Dolomite				



LIST OF OFFSET OPERATORS

CARTER 19-1
API No. 30-025-33904
UNIT LETTER 'M'
SEC 19-T20S-R39E
LEA COUNTY, NM

FALCON CREEK CORPORATION
621 17TH STREET, STE 1800
DENVER, CO. 80293-0621

JOHN HENDRIX CORPORATION
PO BOX 3040
MIDLAND, TEXAS 79702

MEWBOURNE OIL COMPANY
500 W. TEXAS, STE. 1020
MIDLAND, TEXAS 79701

Xeric Oil & Gas Corporation
200 N. Loraine, Suite 1000 P.O. Box 352
Midland, Texas 79702
(915) 683-3171 Fax: (915) 683-3152

March 16, 1999

Falcon Creek Resources, Inc.
621 17th Street
Suite 1800
Denver, CO 80293-0621

VIA: CERTIFIED LETTER # Z 137 407 921

Re: Downhole Commingling
Carter 19 Well No. 1
API # 30-025-33904
Unit Letter "M"
Sec. 19-T20S-R39E
Lea County, New Mexico

Gentlemen:

This letter is written to advise you of Xeric Oil & Gas Corporation's application to downhole commingle the captioned well in the Blinebry and the DK;Abo zones under NM Statewide rule 303.

Should you have any questions, comments or concerns concerning this matter please direct them to the New Mexico Oil Conservation Division or the undersigned at the address and number listed above.

Sincerely,


R. C. (Rob) Barnett
President

CC: New Mexico Oil Conservation Division
PO Box 1980
Hobbs, NM 88241-1980

Xeric Oil & Gas Corporation
200 N. Loraine, Suite 1000 P.O. Box 352
Midland, Texas 79702
(915) 683-3171 Fax: (915) 683-3152

March 16, 1999

Mewbourne Oil Company
500 W. Texas
Suite 1020
Midland, Texas 79701

VIA: CERTIFIED LETTER # Z 137 407 919

Re: Downhole Commingling
Carter 19 Well No. 1
API # 30-025-33904
Unit Letter "M"
Sec. 19-T20S-R39E
Lea County, New Mexico

Gentlemen:

This letter is written to advise you of Xeric Oil & Gas Corporation's application to downhole commingle the captioned well in the Blinebry and the DK;Abo zones under NM Statewide rule 303.

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Sincerely,


R. C. (Rob) Barnett
President

CC: New Mexico Oil Conservation Division
PO Box 1980
Hobbs, NM 88241-1980

Xeric Oil & Gas Corporation
200 N. Loraine, Suite 1000 P.O. Box 352
Midland, Texas 79702
(915) 683-3171 Fax: (915) 683-3152

March 16, 1999

John Hendrix Corporation
PO Box 3040
Midland, Texas 79702

VIA: CERTIFIED LETTER # Z 137 407 920

Re: Downhole Commingling
Carter 19 Well No. 1
API # 30-025-33904
Unit Letter "M"
Sec. 19-T20S-R39E
Lea County, New Mexico

Gentlemen:

This letter is written to advise you of Xeric Oil & Gas Corporation's application to downhole commingle the captioned well in the Blinbry and the DK;Abo zones under NM Statewide rule 303.

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Sincerely,


R. C. (Rob) Barnett
President

CC: New Mexico Oil Conservation Division
PO Box 1980
Hobbs, NM 88241-1980

DHC-2312



STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION
HOBBS DISTRICT OFFICE

4/5/99

GOVERNOR

POST OFFICE BOX 1980
HOBBS, NEW MEXICO 88241-1980
(505) 393-6161

OIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

RE: Proposed:

MC	_____
DHC	_____ <i>X</i> _____
NSL	_____
NSP	_____
SWD	_____
WFX	_____
PMX	_____

Gentlemen:

I have examined the application for the:

<i>Xeric Oil & Gas Corp</i>	<i>Carter 19</i>	<i>#1-M</i>	<i>A-2Ds-39e</i>
Operator	Lease & Well No.	Unit	S-T-R

and my recommendations are as follows:

OK - CWL

Yours very truly,

Chris Williams
Supervisor, District 1

/ed