

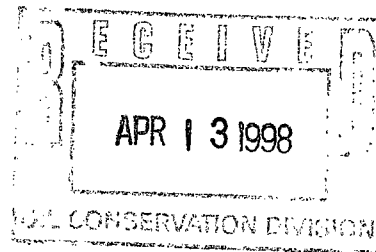
14000 Quail Springs Parkway
Suite 600
Oklahoma City, Oklahoma
73134-2600

Telephone 405 749-1300
Fax 405 749-9385

NSL 5/4/98



April 9, 1998



Michael E. Stogner
Oil Conservation Division
2040 South Pacheco Street
Santa Fe, New Mexico 87505

RE: SE Carlsbad Wolfcamp Pool
White Wing 22 Federal Com #23
Eddy County, New Mexico

Dear Mr. Stogner:

Louis Dreyfus Natural Gas Corp. has plans to recomplete the White Wing 22 Fed Com #23 well to the Wolfcamp formation.

It is respectfully requested that OCD NSL 3869 be amended to approve an Unorthodox Location in the Wolfcamp. I have attached a copy of our original Order #R-10903 for the White Wing well for your review.

Your assistance is appreciated and should you have any questions or comments, please do not hesitate to call.

Sincerely,

LOUIS DREYFUS NATURAL GAS CORP.

A handwritten signature in cursive script that reads 'Joe W. Hammond'.

Joe W. Hammond
District Landman

JWH/e eo

**STATE OF NEW MEXICO
ENERGY, MINERALS, AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION**

**IN THE MATTER OF THE HEARING
CALLED BY THE OIL CONSERVATION
DIVISION FOR THE PURPOSE OF
CONSIDERING:**

**CASE NO. 11858
Order No. R-10903**

**APPLICATION OF LOUIS DREYFUS
NATURAL GAS CORPORATION FOR
COMPULSORY POOLING AND AN
UNORTHODOX WELL LOCATION,
EDDY COUNTY, NEW MEXICO.**

ORDER OF THE DIVISION

BY THE DIVISION:

This cause came on for hearing at 8:15 a.m. on October 9, 1997, at Santa Fe, New Mexico, before Examiner David R. Catanach.

NOW, on this 17th day of October, 1997, the Division Director, having considered the testimony, the record, and the recommendations of the Examiner, and being fully advised in the premises,

FINDS THAT:

(1) Due public notice having been given as required by law, the Division has jurisdiction of this cause and the subject matter thereof.

(2) The applicant, Louis Dreyfus Natural Gas Corporation, seeks an order pooling all mineral interests from the surface to the base of the Morrow formation underlying the following described acreage in Section 22, Township 22 South, Range 26 East, NMPM, Eddy County, New Mexico, and in the following manner:

the S/2 to form a standard 320-acre gas spacing and proration unit for any and all formations and/or pools spaced on 320 acres within said vertical extent which presently includes but is not necessarily limited to the Undesignated Southeast Carlsbad-Wolfcamp Pool, Undesignated East Hackberry Hills-Canyon Gas Pool, Undesignated Northeast Sheep Draw-Strawn Gas Pool, Undesignated South Happy Valley-Atoka Gas Pool and the Undesignated Happy Valley-Morrow Gas Pool;

the SW/4 to form a standard 160-acre spacing and proration unit for any and all formations and/or pools spaced on 160 acres within said vertical extent; and,

the NE/4 SW/4 to form a standard 40-acre oil spacing and proration unit for any and all formations and/or pools spaced on 40 acres within said vertical extent.

Said units are to be dedicated to the applicant's proposed White Wing "22" Federal Com Well No. 23 to be drilled at an unorthodox location 1980 feet from the South line and 2635 feet from the West line (Unit K) of Section 22.

(3) The applicant has the right to drill and proposes to drill its White Wing "22" Federal Com Well No. 23 at the unorthodox location described above.

(4) At the time of the hearing the applicant testified that by Order No. NSL-3869 dated September 16, 1997, it has obtained Division approval of the proposed unorthodox location for the White Wing "22" Federal Com Well No. 23 as to the Morrow interval. Applicant therefore requested that the portion of this application seeking approval of the proposed unorthodox location be dismissed.

(5) There are interest owners in the proposed proration units who have not agreed to pool their interests.

(6) To avoid the drilling of unnecessary wells, to protect correlative rights, to avoid waste, and to afford to the owner of each interest in said units the opportunity to recover or receive without unnecessary expense his just and fair share of the production in any pool completion resulting from this order, the subject application should be approved by pooling all mineral interests, whatever they may be, within said units.

(7) The applicant should be designated the operator of the subject well and units.

(8) Any non-consenting working interest owner should be afforded the opportunity to pay his share of estimated well costs to the operator in lieu of paying his share of reasonable well costs out of production.

(9) Any non-consenting working interest owner who does not pay his share of estimated well costs should have withheld from production his share of the reasonable well costs plus an additional 200 percent thereof as a reasonable charge for the risk involved in the drilling of the well.

(10) Any non-consenting working interest owner should be afforded the opportunity to object to the actual well costs but actual well costs should be adopted as the reasonable well costs in the absence of such objection.

(11) Following determination of reasonable well costs, any non-consenting working interest owner who has paid his share of estimated costs should pay to the operator any amount that reasonable well costs exceed estimated well costs and should receive from the operator any amount that paid estimated well costs exceed reasonable well costs.

(12) \$5610.00 per month while drilling and \$663.00 per month while producing should be fixed as reasonable charges for supervision (combined fixed rates); the operator should be authorized to withhold from production the proportionate share of such supervision charges attributable to each non-consenting working interest, and in addition thereto, the operator should be authorized to withhold from production the proportionate share of actual expenditures required for operating the subject well, not in excess of what are reasonable, attributable to each non-consenting working interest.

(13) All proceeds from production from the subject well which are not disbursed for any reason should be placed in escrow to be paid to the true owner thereof upon demand and proof of ownership.

(14) Upon the failure of the operator of said pooled units to commence the drilling of the well to which said units are dedicated on or before January 15, 1998, the order pooling said units should become null and void and of no effect whatsoever.

(15) Should all the parties to this forced pooling order reach voluntary agreement subsequent to entry of this order, this order shall thereafter be of no further effect.

(16) The operator of the well and units shall notify the Director of the Division in writing of the subsequent voluntary agreement of all parties subject to the forced pooling provisions of this order.

IT IS THEREFORE ORDERED THAT:

(1) All mineral interests, whatever they may be, from the surface to the base of the Morrow formation underlying the following described acreage in Section 22, Township 22 South, Range 26 East, NMPM, Eddy County, New Mexico, are hereby pooled in the following manner:

the S/2 to form a standard 320-acre gas spacing and proration unit for any and all formations and/or pools spaced on 320 acres within said vertical extent which presently includes but is not necessarily limited to the Undesignated Southeast Carlsbad-Wolfcamp Pool, Undesignated East Hackberry Hills-Canyon Gas Pool, Undesignated Northeast Sheep Draw-Strawn Gas Pool, Undesignated South Happy Valley-Atoka Gas Pool and the Undesignated Happy Valley-Morrow Gas Pool;

the SW/4 to form a standard 160-acre spacing and proration unit for any and all formations and/or pools spaced on 160 acres within said vertical extent; and,

the NE/4 SW/4 to form a standard 40-acre oil spacing and proration unit for any and all formations and/or pools spaced on 40 acres within said vertical extent.

Said units shall be dedicated to the applicant's White Wing "22" Federal Com Well No. 23 to be drilled at a previously approved unorthodox location 1980 feet from the South line and 2635 feet from the West line (Unit K) of Section 22.

PROVIDED HOWEVER THAT, the operator of said units shall commence the drilling of said well on or before the 15th day of January, 1998, and shall thereafter continue the drilling of said well with due diligence to a depth sufficient to test the Morrow formation.

PROVIDED FURTHER THAT, in the event said operator does not commence the drilling of said well on or before the 15th day of January, 1998, Ordering Paragraph No. (1) of this order shall be null and void and of no effect whatsoever, unless said operator obtains a time extension from the Division Director for good cause shown.

PROVIDED FURTHER THAT, should said well not be drilled to completion, or abandonment, within 120 days after commencement thereof, said operator shall appear before the Division Director and show cause why Ordering Paragraph No. (1) of this order should not be rescinded.

(2) Louis Dreyfus Natural Gas Corporation is hereby designated the operator of the subject well and units.

(3) After the effective date of this order and within 90 days prior to commencing said well, the operator shall furnish the Division and each known working interest owner in the subject units an itemized schedule of estimated well costs.

(4) Within 30 days from the date the schedule of estimated well costs is furnished to him, any non-consenting working interest owner shall have the right to pay his share of estimated well costs to the operator in lieu of paying his share of reasonable well costs out of production, and any such owner who pays his share of estimated well costs as provided above shall remain liable for operating costs but shall not be liable for risk charges.

(5) The operator shall furnish the Division and each known working interest owner an itemized schedule of actual well costs within 90 days following completion of the well; if no objection to the actual well costs is received by the Division and the Division has not objected within 45 days following receipt of said schedule, the actual well costs shall be the reasonable well costs; provided however, if there is objection to actual well costs within said 45-day period the Division will determine reasonable well costs after public notice and hearing.

(6) Within 60 days following determination of reasonable well costs, any non-consenting working interest owner who has paid his share of estimated well costs in advance as provided above shall pay to the operator his pro rata share of the amount that reasonable well costs exceed estimated well costs and shall receive from the operator his pro rata share of the amount that estimated well costs exceed reasonable well costs.

(7) The operator is hereby authorized to withhold the following costs and charges from production:

(A) The pro rata share of reasonable well costs attributable to each non-consenting working interest owner who has not paid his share of estimated well costs within 30 days from the date the schedule of estimated well costs is furnished to him.

(B) As a charge for the risk involved in the drilling of the well, 200 percent of the pro rata share of reasonable well costs attributable to each non-consenting working interest owner who has not paid his share of estimated well costs within 30 days from the date the schedule of estimated well costs is furnished to him.

(8) The operator shall distribute said costs and charges withheld from production to the parties who advanced the well costs.

(9) \$5610.00 per month while drilling and \$663.00 per month while producing are hereby fixed as reasonable charges for supervision (combined fixed rates); the operator is hereby authorized to withhold from production the proportionate share of such supervision charges attributable to each non-consenting working interest, and in addition thereto, the operator is hereby authorized to withhold from production the proportionate share of actual expenditures required for operating such well, not in excess of what are reasonable, attributable to each non-consenting working interest.

(10) Any unleased mineral interest shall be considered a seven-eighths (7/8) working interest and a one-eighth (1/8) royalty interest for the purpose of allocating costs and charges under the terms of this order.

(11) Any well costs or charges which are to be paid out of production shall be withheld only from the working interest's share of production, and no costs or charges shall be withheld from production attributable to royalty interests.

(12) All proceeds from production from the subject well which are not disbursed for any reason shall immediately be placed in escrow in Eddy County, New Mexico, to be paid to the true owner thereof upon demand and proof of ownership; the operator shall notify the Division of the name and address of said escrow agent within 30 days from the date of first deposit with said escrow agent.

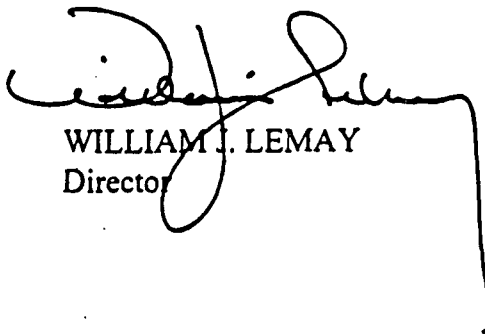
(13) Should all the parties to this forced pooling order reach voluntary agreement subsequent to entry of this order, this order shall thereafter be of no further effect.

(14) The operator of the well and units shall notify the Director of the Division in writing of the subsequent voluntary agreement of all parties subject to the forced pooling provisions of this order.

(15) Jurisdiction is hereby retained for the entry of such further orders as the Division may deem necessary.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION


WILLIAM J. LEMAY
Director

S E A L

APR 28 MON 12:49 PM OGD DISTRICT II

FAX NO. 5057489720

P. 1

OIL CONSERVATION DIVISION
ARTESIA, NEW MEX. 86210

*If this is the right well,
not much here.*

TO: M S Logner
FROM: ART
DATE: 4-20-98

NUMBER OF SHEETS (INCLUDING TRANSMITTAL SHEET) 4

IF YOU HAVE ANY PROBLEMS WITH THIS TRANSMISSION, PLEASE CALL 505-748-1283.

FAX NUMBER (505) 748-9720

N. M. Oil Cons. Division

811 S. 1ST ST.

ARTESIA, NM 88210-2884

(Other instructions on reverse side)

FORM APPROVED
OMB NO. 1004-0136
Expires: February 28, 1995Form 3160-3
(July 1992)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT7/23/97 SP
7-23-97 RAN

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐

b. TYPE OF WELL

OIL
WELL ☐GAS
WELL ☒

OTHER

SINGLE
ZONE ☒MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

LOUIS DREYFUS NATURAL GAS CORPORATION (KENT SAMS)

3. ADDRESS AND TELEPHONE NO.

14000 QUAIL SPRINGS PARKWAY SUITE 600 OKLAHOMA CITY, OK 73134

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)

1980' FSL & 2635' FWL SEC. 22 T22S-R26E EDDY CO. NM
At proposed prod. zone SAME

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

Approximately 1 mile West of Carlsbad New Mexico.

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT. 660'

(Also to nearest drilg. unit line, if any)

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED. 1010'

OR APPLIED FOR, ON THIS LEASE, FT.

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

3349' GR.

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
25"	Conductor 20"	NA	40'	Cement to surface with Redi-mix
17 1/2"	J-55 13 3/8"	54.5	500'	400 Sx. Circulate to surface
12 1/4"	K-55 9 5/8"	36	700'	900 Sx. Circulate to surface
8 3/4"	S-95 7"	26	9000'	980 Sx. Est top of cement 1500'
6 1/8"	S-95 4 1/2"	13.5	11,800'	175 Sx. Est top of cement 9000'

APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS
ATTACHED

SEE ATTACHED SHEET

CARLSBAD CONTROLLED WATER BASIN

Posted ID-1
NL & API
9-19-97
BUREAU OF LAND MGMT.
ROSSELL OFFICERECEIVED
1997 JUL 23 A 9 04all
8/25/97

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED Joe T. Janice TITLE Agent DATE 07/22/97

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY

(ORIG. 600) TONY L. FERGUSON

TITLE

ADM. MINERALS

DATE

8-27-97

*See Instructions On Reverse Side

and will file to make to any department or agency of the

LOUIS DREYFUS NATURAL GAS CORP.
WHITE WING "22" FEDERAL COM. #23
UNIT "K" SECTION 22
T22S-R26E EDDY CO. NM

1. Drill 25" hole to 40'. Set 40' of 20" conductor pipe and cement to surface with Redi-mix.
2. Drill 17½" hole to 500'. Run and set 500' of 13 3/8" 54.5# J-55 ST&C casing. Cement with 400 Sx. of Class "C" + 2% CaCl, circulate cement to surface.
3. Drill 12½" hole to 1700'. Run and set 1700' of 9 5/8" 36# K-55 ST&C casing. Cement with 650 Sx. of Class "C" cement + 4% Gel + 2% CaCl, circulate cement to surface.
4. Drill 8 3/4" hole to 9000'. Run and set 9000' of 7" 26# S-95 8-R LT&C casing. Cement in two stages, DV tool at 4000' ±. Cement 1st stage with 500 Sx. Self Stress (10/10) 2% CaCl + ¼# flocele/Sx + 2% Defoamer. Cement 2nd stage with 180 Sx. 65/35 POZ Class "C" + 6% Gel + ¼# flocele/Sx. , tail in with 300 Sx. Self Stress (10/10) + 2% CaCl + ¼# flocele/Sx. + 2% defoamer. Est. top of cement 1500'.
5. Drill 6 1/8" hole to 11,800'. Run and set a 4½" 13.5# S-95 FL4S liner from 8800' to TD 11,800' (3000'). Cement with 175 Sx. Class "H" + .4% D-156 + .4% D-65 + .2% D-800 + .2% D-46.

District I
PO Box 1990, Hobbs, NM 88241-1990
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-102
Revised February 10, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-29833		Pool Code 78060	Pool Name HAPPY VALLEY - MORROW
Property Code	Property Name WHITE WING 22 FEDERAL		Well Number 23
OGED No. 25773	Operator Name LOUIS DREYFUS NATURAL GAS CORP.		Elevation 3349.

10 Surface Location

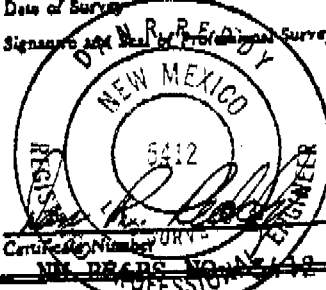
TL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
K	22	22-S	26-E		1980	SOUTH	2635	WEST	EDDY

11 Bottom Hole Location If Different From Surface

TL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County

12 Dedicated Acres 320	13 Joint or Infill	14 Consolidation Code	15 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

16				17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. <i>Gene Simer</i> Signature Gene Simer Printed Name Production Foreman Title July 14, 1997 Date
				18 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. JULY 11, 1997 Date of Survey Signature and Seal of Professional Surveyor  Certificate Number 5412 My Expiration Date NOV 14 1998 Profession SURVEYOR

County Eddy

Pool Southeast Carlisbad-Wolfcamp Gas

TOWNSHIP

22 South

Range

26 East

NMPM

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

Description: 1/2 Sec. 28 (R-9938, 8-17-93)

PETROLEUM INFORMATION/DWIGHTS MIDLAND REGION REPORT

SECTION III - 04/13/98

PAGE 28

NEW MEXICO DRILLING PROGRESS EDDY COUNTY CONTINUED

YATES PET 5 BRANNIGAN 'ANF' FEDERAL IC 30-015-70155-98 LOC;	6-22S-24E NE SE 1367 FSL 177 FEL SEC	INDIAN BASIN; 8600 PENNSYLVANIAN U, (FR 03/24/98MD) OPER ADD: 105 S 4TH ST, ARTESIA, NM, 88210 PHONE (505) 748-1471; EL: 4342 GR; LOCATION DATA: 30 MI NW CARLSBAD, NM; PBHL: 900 FSL 660 FEL SEC, 6-22S-24E; (DEVIATED)	D
YATES PET 6 BRANNIGAN 'ANF' FEDERAL IC 30-015-70156-98 LOC;	6-22S-24E SE NE 1379 FNL 259 FEL SEC	INDIAN BASIN; 8700 PENNSYLVANIAN U, (FR 03/24/98MD) OPER ADD: 105 S 4TH ST, ARTESIA, NM, 88210 PHONE (505) 748-1471; EL: 4364 GR; LOCATION DATA: 30 MI NW CARLSBAD, NM; (VERTICAL)	D
SANTA FE ENERGY RES 1 ROCK WATERHOLE (CANYON) '16' STATE API 30-015-29105 CONTR: HONDO DRLG, RIG #11; SPUD: 07/28/96, CSG: 9 5/8 @ 1590 W/800 SX; RIG REL: 08/28/96; ... 8700 TD (APPROX), SI (LDIR 08/14/97)	16-22S-24E 1240 FNL 660 FWL SEC IC 300157041296	WILDCAT; 8700, (FR 08/14/96MD) OPER ADD: 550 W TEXAS, STE 1330, MIDLAND, TX, 79701 PHONE (915) 687-3551; LOCATION DATA: 19 MI NW WHITE CITY, NM .75 MI E/8139 (CNYN) OIL PROD IN INDIAN BASIN FIELD; (VERTICAL)	WD
YATES PET 5 HICKORY 'ALV' FEDERAL API 30-015-28060 CONTR: NOT RPTD; SPUD: 10/11/97, CSG: 20 @ 40, 13 3/8 @ 355 W/550 SX, 5 1/2 @ 10520 W/850 SX; DRLG COMMENTS: SPD 10/15/97 W/ RT (TD REACHED: 11/ 14/97), RIG REL: 11/16/97; ... 10520 TD, WOCT (LDIR 11/18/97)	18-22S-24E 1650 FNL 680 FEL SEC IC 300157003297	INDIAN BASIN; 8800 PENNSYLVANIAN, (FR 01/20/97MD) (ST APPD PMT: 12/09/96) OPER ADD: 105 S 4TH ST, ARTESIA, NM, 88210 PHONE (505) 748-1471; EL: 2330 GR; LOCATION DATA: 33 MI NW CARLSBAD, NM; FORMERLY ABND LOC 1/15/97 @ 1600 FNL, 660 FEL UNDER SAME API & IC 30-025-70051-93; (VERTICAL)	D
PENWELL ENERGY 1 STETSON '1' FEDERAL API 30-015-29272 CONTR: W E K DRLG, RIG #3; SPUD: 12/09/96, CSG: 13 3/8 @ 256 W/300 SX, 5 8/8 @ 2200; RIG REL: 12/22/96; ... 5200 TD, SI (LDIR 08/01/97)	1-22S-25E 660 FSL 660 FEL SEC IC 300157027896	WILDCAT; 5200 DELAWARE, (FR 06/17/96MD) (ST APPD PMT: 11/06/96) OPER ADD: 600 N MARIENFELD, STE 1100, MIDLAND, TX, 79701 PHONE (915) 683-2534; EL: 3548 GR; LOCATION DATA: 6 MI W CARLSBAD, NM .25 MI E/9622 (MSSP) GAS PROD IN EDDY CO UNDESIGNATED FLD; (VERTICAL)	WS
LOUIS DREYFUS NTRL GAS 1 MCGRUDER '13' FEDERAL COM API 30-015-29871 CONTR: MCVAY DRLG, RIG #7; SPUD: 11/20/97 (EST), RIG REL: 01/16/98; ... 11700 TD, (APPROX) SI (LDIR 01/20/98)	13-22S-25E 280 FSL 1930 FWL SEC IC 300157058897	HAPPY VALLEY; 11875 MORROW, (FR 09/02/97MD) (ST APPD PMT: 09/25/97) OPER ADD: 14000 QUAIL SPRINGS PKWY, STE 600, OKLAHOMA CITY, OK, 73134 PHONE (405) 749-1300; EL: 3399 GR; LOCATION DATA: 5 I W CARLSBAD, NM; PBHL: 980 FSL 1980 FEL SEC, 13-22S-25E; (DEVIATED)	D
LOUIS DREYFUS NTRL GAS 2 WHITE WING '22' FEDERAL #2 API 30-015-29833 CONTR: MCVAY DRLG, RIG #7; SPUD: 09/30/97, RIG REL: 11/19/97; ... 11800 TD, (APPROX) SI (LDIR 11/25/97)	22-22S-26E 1980 FSL 2635 FWL SEC IC 300157052697	HAPPY VALLEY; 11800 MORROW, (FR 07/25/97MD) (ST APPD PMT: 08/27/97) OPER ADD: 14000 QUAIL SPRINGS PKWY, STE 600, OKLAHOMA CITY, OK, 73134 PHONE (405) 749-1300; EL: 3349 GR; LOCATION DATA: 1 MI W CARLSBAD, NM; (VERTICAL)	D
PENWELL ENERGY 1 HACKBERRY '29' FEDERAL API 30-015-29393 CONTR: W E K DRLG, RIG #3; SPUD: 09/18/97, ... 4990 TD, TITE (LDIR 10/13/97)	29-22S-26E 1650 FSL 660 FEL SEC IC 300157059296	HAPPY VALLEY; 5008 DELAWARE, (FR 11/25/96MD) (ST APPD PMT: 02/19/97) OPER ADD: 600 N MARIENFELD, STE 1100, MIDLAND, TX, 79701 PHONE (915) 683-2534; EL: 3338 GR; LOCATION DATA: 1 MI S CARLSBAD, NM; (VERTICAL)	D
PENWELL ENERGY 1 HACKBERRY '31' STATE API 30-015-29522 CONTR: MCVAY DRLG, RIG #7; SPUD: 04/26/97, RIG REL: 06/12/97; ... 12000 TD, TITE (LDIR 08/01/97)	31-22S-26E 1980 FNL 660 FEL SEC IC 300157032697	HAPPY VALLEY; 12000 MORROW, (FR 04/23/97MD) (ST APPD PMT: 04/16/97) OPER ADD: 600 N MARIENFELD, STE 1100, MIDLAND, TX, 79701 PHONE (915) 683-2534; EL: 3374 GR; LOCATION DATA: 6 MI SW CARLSBAD, NM; (VERTICAL)	D
MANZANO OIL 2 ESPERANZA STATE IC 30-015-70158-98 LOC;	3-22S-27E NW SW 1650 FSL 990 FWL SEC	WILDCAT; 11900 MORROW, (FR 03/25/98MD) OPER ADD: BOX 2107, ROSWELL, NM, 88202 PHONE (505) 623-1996; EL: 3127 GR; LOCATION DATA: 2 MI E CARLSBAD, NM .50 MI N/3417 (DLWR) OIL PROD IN ESPERANZA FIELD; (VERTICAL)	WD
MANZANO OIL 1 ESPERANZA STATE IC 30-015-70159-98 CONTR: W E K DRLG, RIG #4; SPUD: 03/24/98, CSG: 13 3/8 @ 429 W/400 SX; ... DRLG 5195 (LDIR 04/08/98)	4-22S-27E SE SE 660 FSL 990 FEL SEC	WILDCAT; 11900 MORROW, (FR 03/25/98MD) OPER ADD: BOX 2107, ROSWELL, NM, 88202 PHONE (505) 623-1996; LOCATION DATA: 2 MI E CARLSBAD, NM .75 MI NW/3417 (DLWR) OIL PROD IS ESPERANZA FIELD; (VERTICAL)	WD
PENWELL ENERGY 1 INDIAN DRAW '12' FEDERAL API 30-015-30052 CONTR: PETERSON DRLG, RIG #5; SPUD: 02/15/98, RIG REL: 03/28/98; ... 12300 TD, TITE (LDIR 03/30/98)	12-22S-27E NE SE 1800 FSL 660 FEL SEC IC 300157075197	CARLSBAD SOUTH; 12300 MORROW, (FR 11/20/97MD) (ST APPD PMT: 01/20/98) OPER ADD: 600 N MARIENFELD STE 1100, MIDLAND, TX, 79701 PHONE (915) 683-2534; EL: 3130 GR; LOCATION DATA: 6 MI SE CARLSBAD, NM; (VERTICAL)	D
TEXACO EXPL & PROD 11 NEFF '13' FEDERAL API 30-015-29582 CONTR: PETERSON DRLG, RIG #2; SPUD: 12/08/97, RIG REL: 12/27/97; ... 8550 TD, SI (LDIR 01/15/98)	13-22S-31E 1839 FNL 2121 FEL SEC IC 300157021596	LIVINGSTON RIDGE; 8550 DELAWARE, (FR 05/28/96MD) (ST APPD PMT: 04/23/97) OPER ADD: BOX 3109, MIDLAND, TX, 79702 PHONE (915) 688-4100; EL: 3591 GR; LOCATION DATA: 32 MI NE CARLSBAD, NM; (VERTICAL)	D