

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240
DISTRICT II
811 South First St., Artesia, NM 88210
DISTRICT III
1000 Rio Brazos Rd., Artesia, NM 87410

State of New Mexico
Energy, Minerals and Natural Resources Department
MAY 23 1997 OIL CONSERVATION DIVISION
2040 S. Pacheco
Santa Fe, New Mexico 87505-6429

Form C-107-A
New 3-12-96

APPROVAL PROCESS:

☒ Administrative ☐ Hearing

EXISTING WELLBORE

☒ YES ☐ NO

APPLICATION FOR DOWNHOLE COMMINGLING

Operator Enron Oil & Gas Company, Address P. O. Box 2267, Midland, Texas 79702
Lease Hudson Federal Well No. 1 F Sec 1-23S-30E Eddy County, NM
Unit Ltr. - Sec - Twp - Rge
Specing Unit Lease Types: (check 1 or more)
OGRID NO. 7377 Property Code 30 015 21052 Federal ☒ State ☐ Land/rent Fee ☐

The following facts are submitted in support of downhole commingling:	Upper Zone	Intermediate Zones	Lower Zone
1. Pool Name and Pool Code	Los Medanos Bone Sp 40295		Los Medanos Wolfcamp 96336
2. Top and Bottom of Pay Section (Perforations)	10915-10930		11086-11098
3. Type of production (Oil or Gas)	Oil		Oil
4. Method of Production (Flowing or Artificial Lift)	Pumping		Pumping
5. Bottomhole Pressure Oil Zones - Artificial Lift: Gas & Oil - Flowing: All Gas Zones: Estimated Current Measured Current Estimated Or Measured Original	a. (Current) Pumping BHP 500 psi b. (Original)	a. b.	a. Pumping BHP 600 psi by Fluid Level b.
6. Oil Gravity ($^{\circ}$ API) or Gas BTU Content	47.4		47.4
7. Producing or Shut-In?	Producing		Producing
Production Marginal? (yes or no)	Yes		Yes
* If Shut-In, give date and oil/gas/water rates of last production Note: For new zones with no production history, applicant shall be required to attach production estimates and supporting data	Date: Rates:	Date: Rates:	Date: Rates:
* If Producing, give date and oil/gas/water rates of recent test (within 60 days)	Date: 11/26/96 Rates: 11 BO, 22 MCF, 30 BW	Date: Rates:	Date: 12/29/96 Rates: 3 BO, 6 MCF, 20 BW
8. Fixed Percentage Allocation Formula - % for each zone	Oil: 79 % Gas: 79 %	Oil: % Gas: %	Oil: 21 % Gas: 21 %

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

**Offset operators notified under project area hearing
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

15. NMOCD Reference Cases for Rule 303(C) Exceptions: ORDER NO(S). R-10304/R-10558

16. ATTACHMENTS: * This acreage was covered under above order.
* 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.
* Notification list of all offset operators.
* Notification list of working, overriding, and royalty interests for uncommon interest cases.
* Any additional statements, data, or documents required to support commingling.

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

SIGNATURE Betty Gildon TITLE Regulatory Analyst DATE 2/4/97

TYPE OR PRINT NAME Betty Gildon TELEPHONE NO. (915) 686-3714

ENRON OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-123
Supersedes C-123
Effective 1-1-55

All distances must be from the outer boundaries of the Section

ENRON OIL & GAS COMPANY		HUDSON FEDERAL		Section 1
Section 1	Township 23 SOUTH	Range 30 EAST	County EDDY	
Well Location of Well:				
1830	feet from the NORTH	1980	feet from the WEST	
Undrilled Elev. 3298.4' GR	Producing Formation Bone Spring	Pool Los Medanos (40295)	Estimated Acreage: 40	

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communization, unitization, force-pooling, etc?

☒ Yes ☐ No If answer is "yes" type of consolidation Unitization

If answer is "no" list the owners and tract descriptions which have actually been consolidated (Use reverse side of this form if necessary.)

No allowable will be assigned to the well until all interests have been consolidated (by communization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.

CERTIFICATION

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

Betty Gildon

Betty Gildon

Regulatory Analyst

Enron Oil & Gas Company

~~6/30/92~~ 1/22/97

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 knowledge and belief.

AUGUST 9, 1973

Supervisor, Professional Engineer
Mining and Lands Surveying

Carl D. West

NEW ENGLAND OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-192
Superseded C-128
Effective 1-1-69

All distances must be from the outer boundaries of the Section.

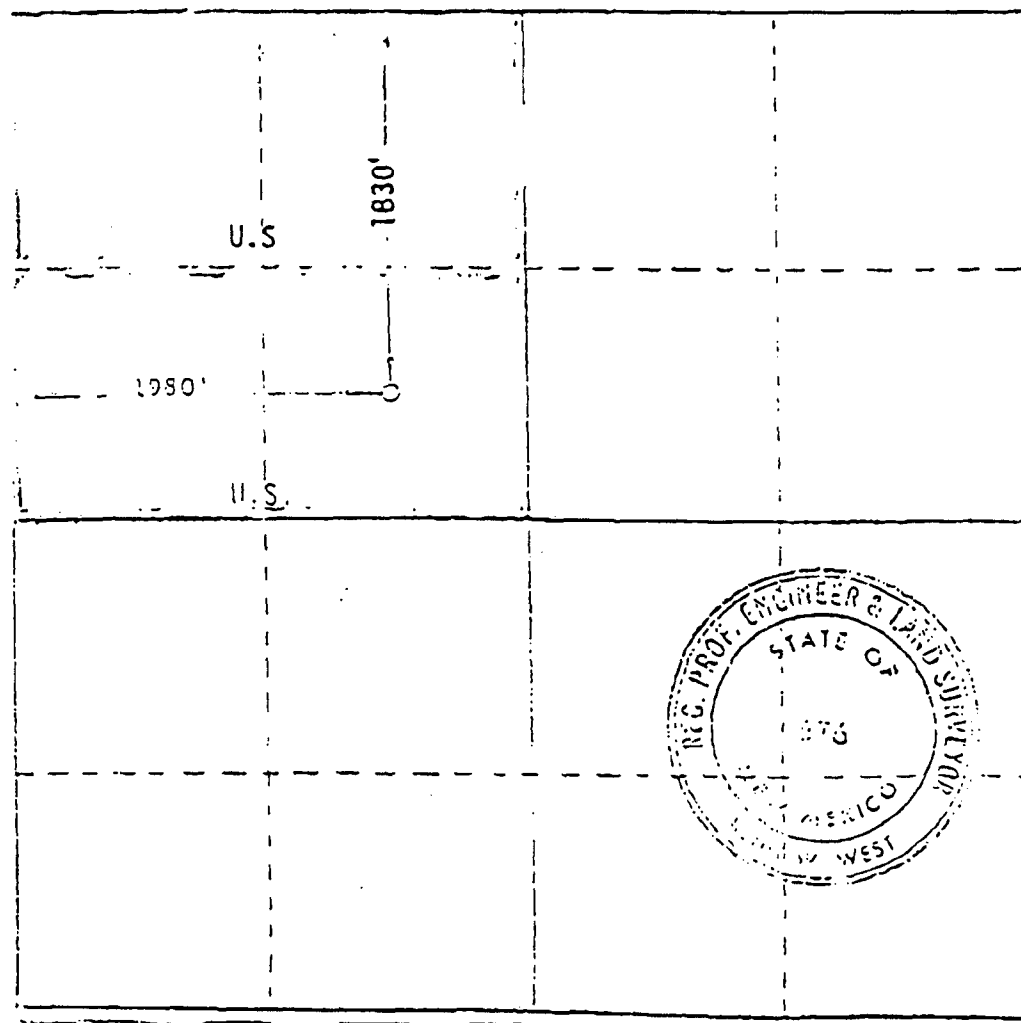
ENRON OIL & GAS COMPANY			Lease HUDSON FEDERAL		Well No. 1
Section F	Section 1	Township 23 SOUTH	Range 30 EAST	County EDDY	
NEAR NEARST LOCATION OF WELL:					
1830 feet from the NORTH		1980 feet from the WEST			
Surface Elev. 3298.4' GR	Producing Formation Wolfcamp	Pool Los Medanos (96336)	Dedicated Acreage: 40 Acres		

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☒ Yes ☐ No If answer is "yes," type of consolidation Unitization

If answer is "no," list the owners and tract descriptions which have actually been consolidated (Use reverse side of this form if necessary.)

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6/30/93 1/22/97

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 knowledge and belief.

Date Certified

AUGUST 9, 1973

Registered Professional Engineer
and Land Surveyor

Carl West

Certification No.