

3428

EUMONT-HARDY POOL UNIT - INJECTION WELL DATA

EXHIBIT No. 5

Company, Lease and Well No.	Total Depth and/or PBD	Surface Casing			Int. Casing			Production Casing			Producing Int. (P) Perf. (OH)
		Size	Depth	Cement	Size	Depth	Cement	Size	Depth	Cement	
Continental Oil Company											
State 25 No. 2	3800'	8 5/8"	311	250	None			5 1/2"	3799'	1360	(P) 3656-3794'
State A-25 No. 1	3800'	8 5/8"	349	225	None			5 1/2"	3799	1450	(P) 3665-3791'
State A-36 No. 1	3845'/3790'	10 3/4"	224'	225	7 5/8"	1378	425	5 1/2"	3520	425'	(OH) 3520-3790'
State A-36 No. 4	3810'/3780'		None		None			4" slotted liner	3489'-3790'		(OH) 3515-3780'
State A-36 No. 5	3800'/3797'	8 5/8"	331	225	None			5 1/2"	3799'	900	(P) 3662-3792'
State A-36 No. 8	3800'/3796'	8 5/8"	323	225	None			5 1/2"	3798'	1313	(P) 3602-3790
State A-36 No. 9	3830'/3813'	8 5/8"	290'	225	None			5 1/2"	3829'	250	(P) 3683-3798'
State A-36 No. 11	3835'	8 5/8"	324'	250	None			5 1/2"	3834'	800	(P) 3600-3734'
State A-36 No. 12	3800'	8 5/8"	344	250	None			5 1/2"	3799	915	(P) 3610-3744'
State F-1 No. 2	3807'	10 3/4"	245'	225	7 5/8"	1355'	425	5 1/2"	3496'	425	(OH) 3496-3807'
State F-1 No. 3	3742'	7"	1318'	10	None			5 1/2"	3570'	600	(OH) 3570-3742'
State F-1 No. 4	3780'	7"	1187-1332'	5	None			5 1/2"	3510'	900	(OH) 3510-3780'
State KK-36 No. 1	3823'	8 5/8"	298'	225	None			5 1/2"	3819'	400	(P) 3645-3769
State KK-36 No. 2	3715'	8 5/8"	327'	225	None			5 1/2"	3714'	400	(P) 3630-3700'
State KM-36 No. 1	3683'	8 5/8"	1373'	200	None			7"	3598'	200	(OH) 3598-3683'
Meyer B-31 No. 1	3790'	10 3/4"	192'	225	7 5/8"	1369'	425	5 1/2"	3506'	425	(OH) 3506-3790'
Meyer B-31 No. 3	3800'/3793'	8 5/8"	323	225	None			4" perf. liner	3502-3790'		(P) 3654-3788'
Anadarko											
Mae Currie No. 1	3773'	10 3/4"	180	100	8 5/8"	1328'	100	7"	3492'	100	(OH) 3492-3773'
Pan American											
Hill "A" No. 2	3785'	13"	298'	200	9 5/8"	1385'	500	7"	3515'	300	(OH) 3515-3785'
Hill "A" No. 4	3770'	13"	293'	20	9 5/8"	1373'	500	7"	3510'	300	(OH) 3510-3770'
Hill "A" No. 6	3750'	13"	271'	180	8 5/8"	1386'	500	5 1/2"	3528'	225	(OH) 3528-3750'
Hill "C" No. 3	3755'	13"	311'	200	9 5/8"	1336'	500	7"	3465'	300	(OH) 3465-3755'
Hill "C" No. 4	3780'	13"	268'	200	9 5/8"	1373'	500	7"	3522'	300	(OH) 3522-3780'

Eumont-Hardy Injection Well Data
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EXHIBIT No. 5

Company, Lease and Well No.	Total Depth and/or PBD	Surface Casing			Int. Casing			Production Casing			Producing. Int. (P)Perf. (OH)Open Hole
		Size	Depth	Cement	Size	Depth	Cement	Size	Depth	Cement	
<u>Skelly Oil Company</u>											
Hill No. 1	3870'	10 3/4"	186'	150	None			7"	3530'	500	(OH) 3530-3870'
Hill No. 3	3730'	16"	158'	150	None			7"	3520'	250	(OH) 3520-3730'
Hill No. 5	3741'	16"	134'	150	None			7"	3510'	250	(OH) 3510-3741'
<u>Gulf Oil Company</u>											
Bell Ramsay No. 1	3820'/3816'	8 5/8"	409'	325	None			5 1/2"	3820'	375	(P) 3660-3762'
<u>Two States</u>											
Hill No. 2	3785'	7 5/8"	286'	175	None			5 1/2"	3528'	250	(OH) 3528-3785'

BEFORE THE OIL CONSERVATION COMMISSION

OF THE

STATE OF NEW MEXICO

IN THE MATTER OF THE APPLICATION OF
CONTINENTAL OIL COMPANY FOR APPROVAL
OF A WATERFLOOD PROJECT ON ITS SEMU
EUMONT LEASE IN COOPERATION WITH THE
PROPOSED EUMONT HARDY UNIT, LOCATED
IN SECTION 25, TOWNSHIP 20 SOUTH, RANGE
37 EAST, LEA COUNTY, NEW MEXICO.

A P P L I C A T I O N

Comes now Applicant, Continental Oil Company, and respectfully requests approval of a waterflood project on its SEMU Eumont Lease, in cooperation with the Eumont Hardy Unit. The said lease is described as SE/4 NW/4, NE/4 SW/4, N/2 SE/4, Section 25, Township 20 South, Range 37 East, Lea County, New Mexico, containing 160 acres. In support of this application, the applicant would show:

1. That the SEMU Eumont Lease is adjacent to the proposed Eumont Hardy Unit and is a part of the same oil accumulation which is to be flooded by that unit.
2. That it is impracticable to include the said lease in the Eumont Hardy Unit.
3. That the attached lease plat marked Exhibit I shows the said lease and the surrounding area.
4. That applicant proposes to inject water into the Eumont pay zone in the following wells:

SEMU No. 52, Unit F, Section 25, T20S, R37E.

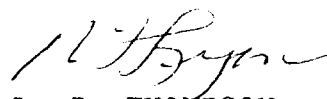
SEMU No. 55, Unit J, Section 25, T20S, R37E.

The manner of completion of these wells is shown tabulated in Exhibit II attached hereto and are shown schematically on the attached diagrams marked Exhibit II-A and II-B.

5. That applicant proposes to inject approximately 800 barrels per day into the two said injection wells on an 80-acre five-spot pattern. Said water will be obtained from the Cass Pennsylvanian Pool approximately 1.5 miles northwest of said lease.

Wherefore, applicant respectfully requests that this matter be set for hearing before the Commission's duly qualified Examiner and that upon hearing an order be entered approving the installation and operation of a waterflood project on the applicant's SEMU Eumont Lease in cooperation with the Eumont Hardy Unit as described above.

Respectfully Submitted,

for 
L. P. THOMPSON
District Manager
Hobbs District

LPT-JS