

BEFORE THE OIL CONSERVATION COMMISSION  
OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE HEARING  
CALLED BY THE OIL CONSERVATION  
COMMISSION OF NEW MEXICO FOR  
THE PURPOSE OF CONSIDERING:

CASE NO. 5861  
Order No. R-5387

APPLICATION OF HANSON OIL  
CORPORATION FOR A SALT WATER  
DISPOSAL WELL, EDDY COUNTY,  
NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 a.m. on February 16, 1977, at Santa Fe, New Mexico, before Examiner, Richard L. Stamets.

NOW, on this 15th day of March, 1977, the Commission, a quorum being present, having considered the testimony, the record, and the recommendations of the Examiner, and being fully advised in the premises,

FINDS:

- (1) That due public notice having been given as required by law, the Commission has jurisdiction of this cause and the subject matter thereof.
- (2) That the applicant, Hanson Oil Corporation, is the owner and operator of the Sulphate Sister Well No. 1, located in Unit E of Section 13, Township 25 South, Range 26 East, NMPM, Eddy County, New Mexico.
- (3) That the applicant proposes to utilize said well to dispose of produced salt water into the Delaware formation, with injection into the open hole interval from approximately 1962 feet to 1993 feet.
- (4) That the injection should be accomplished through 2 3/8-inch plastic lined tubing installed in a packer set at approximately 1900 feet; that the casing-tubing annulus should be filled with an inert fluid; and that a pressure gauge or approved leak detection device should be attached to the annulus in order to determine leakage in the casing, tubing, or packer.

(5) That the injection well or system should be equipped with a pop-off valve or acceptable substitute which will limit the wellhead pressure on the injection well to no more than 457 psi.

(6) That the operator should notify the supervisor of the Artesia district office of the Commission of the date and time of the installation of disposal equipment so that the same may be inspected.

(7) That the operator should take all steps necessary to ensure that the injected water enters only the proposed injection interval and is not permitted to escape to other formations or onto the surface.

(8) That approval of the subject application will prevent the drilling of unnecessary wells and otherwise prevent waste and protect correlative rights.

IT IS THEREFORE ORDERED:

(1) That the applicant, Hanson Oil Corporation, is hereby authorized to utilize its Sulphate Sister Well No. 1, located in Unit E of Section 13, Township 25 South, Range 26 East, NMPM, Eddy County, New Mexico, to dispose of produced salt water into the Delaware formation, injection to be accomplished through 2 3/8-inch tubing installed in a packer set at approximately 1900 feet, with injection into the open hole interval from approximately 1962 feet to 1993 feet;

PROVIDED HOWEVER, that the tubing shall be plastic-lined; that the casing-tubing annulus shall be filled with an inert fluid; and that a pressure gauge shall be attached to the annulus or the annulus shall be equipped with an approved leak detection device in order to determine leakage in the casing, tubing, or packer.

(2) That the injection well or system shall be equipped with a pop-off valve or acceptable substitute which will limit the wellhead pressure on the injection well to no more than 457 psi.

(3) That approximately one year following initiation of the injection authorized by this order, the operator shall conduct a tracer survey on said well to confirm the integrity of the cement bond in the lower portion of the hole.

(4) That the operator shall notify the supervisor of the Artesia district office of the Commission of the date and time of the installation of disposal equipment and the taking of the tracer survey required by Order (3) above so that the same may be witnessed.

(5) That the operator shall immediately notify the supervisor of the Commission's Artesia district office of the failure of the tubing, casing, or packer, in said well or the leakage of water from or around said well and shall take such steps as may be timely and necessary to correct such failure or leakage.

(6) That the applicant shall submit monthly reports of its disposal operations in accordance with Rules 704 and 1120 of the Commission Rules and Regulations.

(7) That jurisdiction of this cause is retained for the entry of such further orders as the Commission may deem necessary.

DONE at Santa Fe, New Mexico, on the day and year herein-  
above designated.

STATE OF NEW MEXICO  
OIL CONSERVATION COMMISSION

PHIL R. LUCERO, Chairman

  
EMERY C. ARNOLD, Member

  
JOE D. RAMSEY, Member & Secretary

S E A L

dr/

CMD : ONGARD 02/06/03 15:40:59  
OG6IWCM INQUIRE WELL COMPLETIONS OGOMES -TQI6

API Well No : 30 15 21029 Eff Date : 02-24-1977 WC Status : A  
Pool Idn : 96100 SWD;DELAWARE  
OGRID Idn : 2273 BILL & PATSY RICH  
Prop Idn : 9626 SULPHATE SISTER

Well No : 001  
GL Elevation: 3236

U/L Sec Township Range North/South East/West Prop/Act(P/A)  
-----  
B.H. Locn : F 13 25S 26E FTG 1980 F N FTG 1980 F W A

Lot Identifier:  
Dedicated Acre:  
Lease Type : F  
Type of consolidation (Comm, Unit, Forced Pooling - C/U/F/O) :

E6317: No more recs. for this api well no.  
PF01 HELP PF02 PF03 EXIT PF04 GOTO PF05 PF06  
PF07 PF08 PF09 PF10 NEXT-WC PF11 HISTORY PF12 NXTREC

CMD : ONGARD 02/06/03 15:43:33  
OG6ISWI INQUIRE SALT WATER/GAS INJECTION OGOMES -TP9K

PAGE NO: 7

Ogrid Identifier : 2273 BILL & PATSY RICH  
Pool Identifier : 96100 SWD;DELAWARE  
API Well No : 30 15 21029 Report Period - From : 01 1993 To : 12 2002

API Well No		Property Name	Injn. Days MM/YY	Injection Injn Salt Water	Volume Gas	Injn Pres	Well Stat
30	15	21029 SULPHATE SISTER	05 98	1223		1000	D
30	15	21029 SULPHATE SISTER	06 98	1455		1000	D
30	15	21029 SULPHATE SISTER	07 98	368		1000	D
30	15	21029 SULPHATE SISTER	08 98	198		1000	D
30	15	21029 SULPHATE SISTER	09 98	146		1000	D
30	15	21029 SULPHATE SISTER	10 98	101		1000	D
30	15	21029 SULPHATE SISTER	11 98			1000	D

Reporting Period Total :

PF01 HELP PF02 PF03 EXIT PF04 GOTO PF05 PF06  
PF07 BKWD PF08 FWD PF09 PF10 NXPPOOL PF11 PF12

CMD :  
OG6ISWI

ONGARD  
INQUIRE SALT WATER/GAS INJECTION

02/06/03 15:43:37  
OGOMES -TP9K  
PAGE NO: 8

Ogrid Identifier : 2273 BILL & PATSY RICH  
Pool Identifier : 96100 SMD;DELAWARE  
API Well No : 30 15 21029 Report Period - From : 01 1993 To : 12 2002

API Well No		Property Name	Injn. Days MM/YY Injn Salt Water	Injection Volume Gas	Injn Pres	Well Stat
30	15	21029 SULPHATE SISTER	12 98		1000	D
30	15	21029 SULPHATE SISTER	01 99		1000	D
30	15	21029 SULPHATE SISTER	02 99			D
30	15	21029 SULPHATE SISTER	03 99			D
30	15	21029 SULPHATE SISTER	04 99			D
30	15	21029 SULPHATE SISTER	05 99			D
30	15	21029 SULPHATE SISTER	06 99			D

Reporting Period Total :

PF01 HELP PF02 PF03 EXIT PF04 GOTO PF05 PF06  
PF07 BKWD PF08 FWD PF09 PF10 NXTPool PF11 PF12

CMD : ONGARD 02/06/03 15:44:04  
OG6IWCM INQUIRE WELL COMPLETIONS OGOMES -TP9K

API Well No : 30 15 25661 Eff Date : 12-01-1994 WC Status : S  
Pool Idn : 57845 SULPHATE,DELAWARE, SOUTHWEST  
OGRID Idn : 2273 BILL & PATSY RICH  
Prop Idn : 16269 WHITE CITY 14 FEDERAL

Well No : 002  
GL Elevation: 3276

U/L Sec Township Range North/South East/West Prop/Act (P/A)  
-----  
B.H. Locn : J 14 25S 26E FTG 1650 F S FTG 1650 F E A  
Lot Identifier:  
Dedicated Acre: 40.00  
Lease Type : F  
Type of consolidation (Comm, Unit, Forced Pooling - C/U/F/O) :

M0025: Enter PF keys to scroll  
PF01 HELP PF02 PH03 EXIT PF04 CoTo PF05 PH06  
PF07 PH08 PF09 PF10 NEXT-WC PF11 HISTORY PF12 NxtREC

CMD :  
OG6IPRD

ONGARD  
INQUIRE PRODUCTION BY POOL/Well

02/06/03 15:44:21  
OGOMES -TP9K  
Page No: 6

OGRID Identifier : 2273 BILL & PATSY RICH  
Pool Identifier : 57845 SULPHATE;DELAWARE, SOUTHWEST  
API Well No : 30 15 25661 Report Period - From : 01 1993 To : 12 2002

API Well No	Property Name	Prodn. Days MM/YY Prod	Production Volumes Gas Oil Water	Well Stat
30 15 25661	WHITE CITY 14 FEDERA	02 98 10	65 1284	P
30 15 25661	WHITE CITY 14 FEDERA	03 98 14	86 1617	P
30 15 25661	WHITE CITY 14 FEDERA	04 98 14	74 1433	P
30 15 25661	WHITE CITY 14 FEDERA	05 98 9	47 911	P
30 15 25661	WHITE CITY 14 FEDERA	06 98 10	64 1155	P
30 15 25661	WHITE CITY 14 FEDERA	07 98 1	2 60	P
30 15 25661	WHITE CITY 14 FEDERA	08 98 1	3 176	P

Reporting Period Total (Gas, Oil) :

E0049: User may continue scrolling.

PF01 HELP PF02 PF03 EXIT PF04 GOTO PF05 PF06 CONFIRM

PF07 BKWD PF08 FWD PF09 PF10 NXTPool PF11 NXTOGD PF12

CMD : ONGARD 02/06/03 15:44:23

OG6IPRD INQUIRE PRODUCTION BY POOL/WELL OGOMES -TP9K

Page No: 7

OGRID Identifier : 2273 BILL & PATSY RICH

Pool Identifier : 57845 SULPHATE;DELAWARE, SOUTHWEST

API Well No : 30 15 25661 Report Period - From : 01 1993 To : 12 2002

API Well No	Property Name	Prodn. Days		Production Volumes			Well
		MM/YY	Prod	Gas	Oil	Water	
30 15 25661	WHITE CITY 14 FEDERA	09 98	1		2	86	P
30 15 25661	WHITE CITY 14 FEDERA	10 98	1			76	P
30 15 25661	WHITE CITY 14 FEDERA	11 98					S
30 15 25661	WHITE CITY 14 FEDERA	12 98					S
30 15 25661	WHITE CITY 14 FEDERA	01 99					S
30 15 25661	WHITE CITY 14 FEDERA	02 99					S
30 15 25661	WHITE CITY 14 FEDERA	03 99					S

Reporting Period Total (Gas, Oil) :

E0049: User may continue scrolling.

PF01 HELP PF02 PF03 EXIT PF04 GoTo PF05 PF06 CONFIRM  
PF07 BKWD PF08 FWD PF09 PF10 NXTPool PF11 NXTOGD PF12

CMD : ONGARD 02/06/03 15:39:45  
OG6IWCM INQUIRE WELL COMPLETIONS OGOMES -TQI6

API Well No : 30 15 21913 Eff Date : 11-01-1976 WC Status : S  
Pool Idn : 57845 SULPHATE,DELAWARE, SOUTHWEST  
OGRID Idn : 2273 BILL & PATSY RICH  
Prop Idn : 9624 FASKEN FEDERAL

Well No : 001  
GL Elevation: 99999

U/L Sec Township Range North/South East/West Prop/Act (P/A)  
-----  
B.H. Locn : I 11 25S 26E FTG 1980 F S FTG 660 F E P  
Lot Identifier:  
Dedicated Acre: 40.00  
Lease Type : F  
Type of consolidation (Comm, Unit, Forced Pooling - C/U/F/O) :

M0025: Enter PF keys to scroll  
PF01 HELP PF02 PF03 EXIT PF04 COTO PF05 PF06  
PF07 PF08 PF09 PF10 NEXT-WC PF11 HISTORY PF12 NXTREC

CMD : ONGARD

02/06/03 15:39:08

OG6IPRD INQUIRE PRODUCTION BY POOL/Well

OGOMES -TQ16  
Page No: 10

OGRID Identifier : 2273 BIL & PATSY RICH

Pool Identifier : 57845 SULPHATE,DELAWARE, SOUTHWEST

API Well No : 30 15 21913 Report Period - From : 01 1993 To : 12 2002

API Well No	Property Name	Prodn: Days MM/YY	Prod	Production Volumes Gas Oil	Water Stat	Well
30 15 21913	FASKEN FEDERAL	04 98	28	47	336	P
30 15 21913	FASKEN FEDERAL	05 98	30	52	312	P
30 15 21913	FASKEN FEDERAL	06 98	23	38	300	P
30 15 21913	FASKEN FEDERAL	07 98	7	9	96	P
30 15 21913	FASKEN FEDERAL	08 98	1	1	22	P
30 15 21913	FASKEN FEDERAL	09 98	1		20	P
30 15 21913	FASKEN FEDERAL	10 98	1		25	P

Reporting Period Total (Gas, Oil) :

E0049: User may continue scrolling.

PF01 HFLP PF02 PF03 EXIT PF04 GOTO PF05 PF06 CONFIRM  
PF07 BKWD PF08 FWD PF09 PF10 NXTPool PF11 NXTGCD PF12

CMD : ONGARD 02/06/03 15:40:07  
OG6IWCM INQUIRE WELL COMPLETIONS OGOMES -TQI6

API Well No : 30 15 21914 Eff Date : 12-01-1976 WC Status : S  
Pool Idn : 57845 SULPHATE,DELAWARE, SOUTHWEST  
OGRID Idn : 2273 BILL & PATSY RICH  
Prop Idn : 9625 H-M FEDERAL

Well No : 001  
GL Elevation: 99999

	U/L	Sec	Township	Range	North/South	East/West	Prop/Act (P/A)
B.H. Locn	:	A	14	25S	26E	FTG 330 F N FTG 560 F E	P
Lot Identifier:							
Dedicated Acre:	40.00						
Lease Type	:	F					
Type of consolidation (Comm, Unit, Forced Pooling	:	C/U/F/O)					

M0025: Enter PF keys to scroll  
PF01 HELP PF02 PF03 EXIT PF04 GOTO PF05 PF06  
PF07 PF08 PF09 PF10 NEXT-WC PF11 HISTORY PF12 NXTREC

CMD :

ONGARD

02/06/03 15:40:29

OG6IPRD

INQUIRE PRODUCTION BY POOL/WELL

OGOMES -TQI6

Page No: 8

OGRID Identifier : 2273 BILL & PATSY RICH

Pool Identifier : 57845 SULPHATE;DELAWARE, SOUTHWEST

API Well No : 30 15 21914 Report Period - From : 01 1993 To : 12 2002

API Well No	Property Name	Prodn. Days MM/YY	Prod	Gas	Oil	Water	Well Stat
30 15 21914	H-M FEDERAL	02 97	15		25	192	P
30 15 21914	H-M FEDERAL	03 97	14		23	192	P
30 15 21914	H-M FEDERAL	04 97	10		17	80	P
30 15 21914	H-M FEDERAL	05 97	13		21	130	P
30 15 21914	H-M FEDERAL	06 97	13		22	167	P
30 15 21914	H-M FEDERAL	07 97	16		27	160	P
30 15 21914	H-M FEDERAL	08 97	13		10	130	P

Reporting Period Total (Gas, Oil) :

E0049: User may continue scrolling.

PF01 HELP PF02 PF03 EXIT PF04 COTO PF05 PF06 CONFIRM  
PF07 BKWD PF08 FWD PF09 PF10 NXTPool PF11 NXTOGD PF12

CMD :  
OG6IPRD

ONGARD  
INQUIRE PRODUCTION BY POOL/Well

02/06/03 15:40:33  
OGOMES -TQI6  
Page No: 9

OGRID Identifier : 2273 BILL & PATSY RICH  
Pool Identifier : 57845 SULPHATE, DELAWARE, SOUTHWEST  
API Well No : 30 15 21914 Report Period - From : 01 1993 To : 12 2002

API Well No	Property Name	Prod. Days		Production Volumes			Well Stat
		MM/YY	Prod	Gas	Oil	Water	
30 15 21914	H-M FEDERAL	09 97	2		3	78	P
30 15 21914	H-M FEDERAL	10 97	1		2	15	P
30 15 21914	H-M FEDERAL	11 97	2		3	60	P
30 15 21914	H-M FEDERAL	12 97	2		3	65	P
30 15 21914	H-M FEDERAL	01 98	3			216	P
30 15 21914	H-M FEDERAL	02 98	6			300	P
30 15 21914	H-M FEDERAL	03 98	8			260	P

Reporting Period Total (Gas, Oil) :

E0049: User may continue scrolling.  
PF01 HELP PF02 PF03 EXIT PF04 GOTO PF05 PF06 CONFIRM  
PF07 BKWD PF08 FWD PF09 PF10 NXTPool PF11 NXTOGD PF12

CMD :  
OG6IPRD INQUIRE PRODUCTION BY POOL/Well

02/06/03 15:57:27  
OGOMES -TP9K  
Page No: 10

OGRID Identifier : 2273 BILL & PATSY RICH  
Pool Identifier : 57845 SULPHATE,DELAWARE, SOUTHWEST  
API Well No : 30 15 21914 Report Period - From : 01 1993 To : 12 2002

API Well No		Property Name	Prodn. Days		Production Volumes			Well
			MM/YY	Prod	Gas	Oil	Water Stat	
30	15	21914 H-M FEDERAL	04 98	2			70	P
30	15	21914 H-M FEDERAL	05 98					P
30	15	21914 H-M FEDERAL	06 98					S
30	15	21914 H-M FEDERAL	07 98	2			212	P
30	15	21914 H-M FEDERAL	08 98					S
30	15	21914 H-M FEDERAL	09 98	1			40	P
30	15	21914 H-M FEDERAL	10 98					S

Reporting Period Total (Gas, Oil) :

E0049: User may continue scrolling.  
PF01 HELP PF02 PF03 EXIT PF04 GoTo PF05 PF06 CONFIRM  
PF07 BKWD PF08 FWD PF09 PF10 NXTPool PF11 NXTOCD PF12

CMD :  
OG6IPRD  
ONGARD  
INQUIRE PRODUCTION BY POOL/WELL

02/06/03 15:57:31  
OGOMES -TP9K  
Page No: 11

OGRID Identifier : 2273 BILL & PATSY RICH  
Pool Identifier : 57845 SULPHATE;DELAWARE, SOUTHWEST  
API Well No : 30 15 21914 Report Period - From : 01 1993 To : 12 2002

API Well No		Property Name	Prodn. Days MM/YY Prod	Production Volumes Gas Oil Water	Well Stat
30	15	21914 H-M FEDERAL	11 98		S
30	15	21914 H-M FEDERAL	12 98		S
30	15	21914 H-M FEDERAL	01 99		S
30	15	21914 H-M FEDERAL	02 99		S
30	15	21914 H-M FEDERAL	03 99		S
30	15	21914 H-M FEDERAL	04 99		S
30	15	21914 H M FEDERAL	05 99		S

Reporting Period Total (Gas, Oil) :

E0049: User may continue scrolling.  
PF01 HELP PF02 PF03 EXIT PF04 GoTo PF05 PF06 CONFIRM  
PF07 BKWD PF08 FWD PF09 PF10 NXTPool PF11 NXTOGD PF12