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. 4808 Order No. R-4419

APPLICATION OF SKELLY OIL COMPANY FOR A WATERFLOOD EXPANSION AND DUAL COMPLETION, EDDY COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 a.m. on October 4, 1972, at Santa Fe, New Mexico, before Examiner Elvis A. Utz.

NOW, on this 16th day of October, 1972, 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, Skelly Oil Company, seeks permission to expand its Grayburg-Jackson Skelly Unit Waterflood Project in the Grayburg-Jackson Pool, by the injection of water through its Unit Well No. 114 located in Unit D of Section 14, Township 17 South, Range 31 East, NMPM, Eddy County, New Mexico.
- (3) That the applicant further seeks authority to complete its Well No. 114 in such a manner as to permit the production of oil from the Fren-Seven Rivers Pool through 2 1/16-inch tubing and the injection of water into the Grayburg-Jackson Pool through a parallel string of 2 1/16-inch tubing with separation of zones by a packer set at approximately 3300 feet.
- (4) That the applicant further seeks a procedure whereby the subject waterflood project may be expanded by the dual completion of additional wells within the boundaries of the above-described unit without the necessity for notice and hearing.
- (5) That the proposed waterflood expansion and dual completion are feasible and should result in the recovery of otherwise unrecoverable oil, thereby preventing waste.

-2-Case No. 4808 Order No. R-4419

(6) That the subject application should be approved and the project should be governed by the provisions of Rules 701, 702, and 703 of the Commission Rules and Regulations; provided however, that the showing of well response as required by Rule 701 E-5 shall not be necessary before obtaining administrative approval for the conversion of additional wells to water injection as single completions or as dual completions.

IT IS THEREFORE ORDERED:

- (1) That the applicant, Skelly Oil Company, is hereby authorized to expand its Grayburg-Jackson Skelly Unit Waterflood Project in the Grayburg-Jackson Pool by the injection of water through its Unit Well No. 114 located in Unit D of Section 14, Township 17 South, Range 31 East, NMPM, Eddy County, New Mexico.
- (2) That the applicant is hereby authorized to complete said Well No. 114 in such a manner as to permit the production of oil from the Fren-Seven Rivers Pool through 2 1/16-inch tubing and the injection of water into the Grayburg-Jackson Pool through a parallel string of 2 1/16-inch tubing with separation of zones by a packer set at approximately 3300 feet.
- (3) That Order (2) of Order No. R-3214 is hereby amended to read in its entirety as follows:
- "(2) That the subject waterflood project is hereby designated the Grayburg-Jackson Skelly Unit Waterflood Project and shall be governed by the provisions of Rules 701, 702, and 703 of the Commission Rules and Regulations;

PROVIDED HOWEVER, that the Secretary-Director of the Commission may approve expansion of the above-described water-flood project to include such additional injection wells in the area of said project as may be necessary to complete an efficient injection pattern; that said wells may be approved as dual completions for injection into the Grayburg-Jackson Pool and production from the Fren-Seven Rivers Pool."

- (4) That monthly progress reports of the waterflood expansion authorized shall be submitted to the Commission in accordance with Rules 704 and 1120 of the Commission Rules and Regulations.
- (5) That jurisdiction of this cause is retained for the entry of such further orders as the Commission may deem necessary.

-3-Case No. 4808 Order No. R-4419

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

STATE OF NEW MEXICO

OIL CONSERVATION COMMISSION

BRUCE KING, Chairman

ALEX J. ARMIJO, Member

A. L. PORTER, Jr., Member & Secretary

S E A L

DOCKET: EXAMINER HEARING - WEDNESDAY - SEPTEMBER 13, 1972

9 A.M. - OIL CONSERVATION COMMISSION CONFERENCE ROOM, STATE LAND OFFICE BUILDING - SANTA FE, NEW MEXICO

The following cases will be heard before Daniel S. Nutter, Examiner, or Elvis A. Utz, Alternate Examiner:

- ALLOWABLE: (1) Consideration of the allowable production of gas for October, 1972, from seventeen prorated pools in Lea, Eddy, Chaves and Roosevelt Counties, New Mexico;
 - (2) Consideration of the allowable production of gas from nine prorated pools in San Juan, Rio Arriba, and Sandoval Counties, New Mexico, for October, 1972.
- CASE 4808: Application of Skelly Oil Company for a waterflood expansion and dual completion, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks to expand its Grayburg-Jackson Skelly Unit Water-flood Project, Grayburg-Jackson Pool, Eddy County, New Mexico, by the injection of water through its Unit Well No. 114 located in Unit D of Section 14, Township 17 South, Range 31 East. Said Well No. 114 to be completed as a dual completion in such a manner as to permit the production of oil from the Fren-Sevens Rivers Pool and the injection of water into the Grayburg-Jackson Pool.
- CASE 4809: Application of Saturn Oil Company for a unit agreement, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval of the Antebellum Unit Area comprising 3,840 acres, more or less, of State and Federal lands in Township 23 South, Range 34 East, Lea County, New Mexico.
- CASE 4810: In the matter of the application of the Oil Conservation Commission on its own motion to consider the revision of the special rules for the Devils Fork Gallup Associated Pool and the Escrito Gallup Associated Pool, Rio Arriba and San Juan Counties, New Mexico, promulgated by Orders Nos. R-1670-B and R-1793-A, respectively, to permit taking of gas-oil ratio and bottom-hole pressure tests on an annual basis rather than quarterly and semi-annually, as is now required.

CASE 4747: (Continued from the July 26, 1972, Examiner Hearing)

Application of Union Texas Petroleum, a Division of Allied Chemical Corporation for compulsory pooling, Lea County, New Mexico, Applicant, in the above-styled cause, seeks an order pooling all mineral interests below the base of the Devonian formation underlying the N/2 of Section 33, Township 25 South, Range 37 East, Crosby Field, Lea County, New Mexico. Said acreage to be dedicated to its well to be located 1650 feet from the North line and 2310 feet from the East line of said Section 33. Also to be considered will be the costs of drilling said well, a charge for the risk involved, a provision for the allocation of actual operating costs, and the establishment of charges for supervision of said well.

CASE 4577: (Reopened)

In the matter of Case 4577 being reopened pursuant to the provisions of Order No. R-4181, which order established special rules and regulations for the Parkway-Wolfcamp Pool, Eddy County, New Mexico, including a provision for 160-acre spacing units. All interested persons may appear and show cause why said pool should not be developed on 40-acre or 80-acre spacing units.

- CASE 4811: Application of Atlantic Richfield Company for a non-standard proration unit, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval of a 120-acre non-standard gas proration unit comprising the N/2 SE/4 and NE/4 SW/4 of Section 36, Township 21 South, Range 37 East, Blinebry Gas Pool, Lea County, New Mexico, to be dedicated to its State 367 Well No. 3 located in Unit K of said Section 36.
- CASE 4812: Application of Midwest Oil Corporation for an unorthodox location, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks as an exception to Rule 104, authority to drill a wildcat gas well to test the Morrow formation at an unorthodox location 1320 feet from the South and East lines of Section 1, Township 18 South, Range 28 East, Eddy County, New Mexico, with the S/2 of said Section 1 to be dedicated to the well.
- CASE 4813: Application of Inexco Oil Company for a unit agreement, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks approval of the Sitting Bull Unit Area comprising 6,665 acres, more or less, of Federal lands in Sections 28, 29, 31, 32, and 33 of Township 23 South, Range 22 East, and Sections 4 through 9 of Township 24 South, Range 22 East, Eddy County, New Mexico.
- CASE 4814: Application of Inexco Oil Company for a unit agreement, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks approval of the Four Forks Unit Area comprising 3,133 acres, more or less, of Federal and Fee lands in Sections 3, 10, 11, 14 and 15 of Township 22 South, Range 25 East, Eddy County, New Mexico.
- CASE 4815: Application of Inexco Oil Company for pool creation and special pool rules, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks the creation of a new Strawn gas pool for its well located 1980 feet from the South and West lines of Section 18, Township 21 South, Range 26 East, Eddy County, New Mexico. Applicant further seeks the promulgation of special rules therefor, including a provision for 640-acre spacing units.
- CASE 4816: Application of Penroc Oil Corporation for a special gas-oil ratio limitation increase, Lea County, New Mexico. Applicant, in the above-styled cause, seeks amendment of the special rules and regulations for the Hobbs-Drinkard Pool promulgated by Order No. R-3811, as amended,

(Case 4816 continued from Page 2)

to establish a limiting gas-oil ratio limitation of 6,000 cubic feet of gas per barrel of oil in said pool.

- CASE 4817: Application of Phillips Petroleum Company for a dual completion, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks approval for the dual completion (conventional) of its Drag "B" Well No. 1 located in Unit K of Section 18, Township 23 South, Range 27 East, Eddy County, New Mexico, in such a manner as to produce gas from the South Carlsbad-Morrow Gas Pool through tubing and an undesignated Canyon gas pool through the casing-tubing annulus.
- CASE 4818: Application of Tipperary Land and Exploration Corporation for a waterflood project, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to institute a waterflood project in the North Bagley-Pennsylvanian Pool by the injection of water into the Strawn and possibly other formations by the injection of water through its Bess Well No. 1 located 660 feet from the North line and 1980 feet from the East line of Section 20, Township 11 South, Range 33 East, Lea County, New Mexico.
- CASE 4819: Application of D. L. Hannifin for compulsory pooling, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests in and under the S/2 of Section 24, Township 22 South, Range 26 East, South Carlsbad Field, Eddy County, New Mexico, to be dedicated to a well to be drilled 1980 feet from the South and East lines of said Section 24. Also to be considered will be the costs of drilling said well, a charge for the risk involved, a provision for the allocation of actual operating costs, and the establishment of charges for supervision of said well.
- CASE 4820: Application of Anadarko Production Company for the creation of an associated pool, special rules therefor, downhole and surface commingling, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks the creation of a new associated pool for the production of oil and gas from the Yates and Seven Rivers formations for its Loco Hills Federal "B" Wells Nos. 1 and 8 located, respectively, in Units P and K of Section 9, Township 17 South, Range 30 East, Eddy County, New Mexico, and the promulgation of special rules therefor including provisions for the classification of oil and gas wells, oil and gas well spacing, and an unlimited gas-oil ratio.

Applicant further seeks authority to commingle in the well-bore of said Well No. 1 the Yates-Seven Rivers production from the newly created pool and the Grayburg-Jackson Pool and to commingle on the surface the Yates-Seven Rivers production from said Well No. 8 with production from the Grayburg-Jackson Pool.

CASE 4821: Application of Getty Oil Company for downhole commingling, Lea County, New Mexico. Applicant, in the above-styled cause, seeks as an exception

(Case 4821 continued from Page 3)

to Rule 303 of the Commission Rules and Regulations, authority to commingle production from the North Vacuum-Abo, Vacuum-Wolfcamp, and Vacuum-Pennsylvanian Pools in the wellbore of its State "BA" Well No. 8 located in Unit B of Section 36, Township 17 South, Range 34 East, Lea County, New Mexico.

- CASE 4822: Application of Getty Oil Company for an unorthodox location, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval of an unorthodox location for its State "BA" Well No. 9 located 660 feet from the North line and 2310 feet from the East line of Section 36, Township 17 South, Range 34 East, Vacuum Grayburg-San Andres Pool, Lea County, New Mexico. Said well being nearer than 660 feet to another well capable of producing from the same pool.
- CASE 4823: Application of Getty Oil Company for an unorthodox location, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval of an unorthodox location for its A. B. Coates "C" Well No. 28 located 1820 feet from the North and West lines of Section 24, Township 25 South, Range 37 East, Justis Blinebry Pool, Lea County, New Mexico. Said well being located nearer than 660 feet to another well capable of producing from the same pool.
- CASE 4824: Application of Getty Oil Company for an unorthodox location, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval of an unorthodox location for its H. D. McKinley Well No. 11 located 760 feet from the North line and 550 feet from the East line of Section 30, Township 18 South, Range 38 East, Hobbs Grayburg-San Andres Pool, Lea County, New Mexico. Said well being nearer than 660 feet to another well capable of producing from the same pool.
- CASE 4825: Application of Hanagan Petroleum Corporation for dual completion, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks approval for the dual completion (conventional) of its Catclaw Draw Unit Well No. 3 located in Unit D of Section 36, Township 21 South, Range 25 East, Eddy County, New Mexico, in such a manner as to produce gas from an undesignated Strawn gas pool through tubing and from the Catclaw Draw-Morrow Gas Pool through the casing-tubing annulus.
- CASE 4826: Application of Hanagan Petroleum Corporation for pool creation, special pool rules, and an unorthodox location, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks the creation of a new Strawn gas pool for its well located 920 feet from the North and West lines of Section 36, Township 21 South, Range 25 East, Eddy County, New Mexico, and the promulgation of special rules therefor, including a provision for 640-acre spacing units. Applicant further seeks approval of an unorthodox location for the above-described well.
- CASE 4827: Application of Robert N. Enfield for an unorthodox location, Chaves County, New Mexico. Applicant, in the above-styled cause, seeks

(Case 4827 continued from Page 4)

authority to drill a gas well at an off-pattern unorthodox location 990 feet from the North and East lines of Section 11, Township 15 South, Range 27 East, Buffalo Valley-Pennsylvanian Gas Pool, Chaves County, New Mexico, with the E/2 of said Section 11 to be dedicated to the well.

CASE 4828: Application of Inexco Oil Company for a dual completion, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks authority for the dual completion of its McMinn State Well No. 1 located 1980 feet from the South and West lines of Section 18, Township 21 South, Range 26 East, Eddy County, New Mexico, in such a manner as to produce gas from the Strawn formation and the Morrow formation adjacent to the Catclaw Draw-Morrow Gas Pool.

	BEFORE THE NEW MEXICO OIL CONSERVATION COMMISSION CONFERENCE ROOM, STATE LAND OFFICE BUILDING
	SANTA FE, NEW MEXICO
	October 4, 1972
	EXAMINER HEARING
Applicati for a wat	ATTER OF: ion of Skelly Oil Company terflood expansion and pletion, Eddy County, New
mexico.)
BEFORE:	Elvis A. Utz, Examiner.
	TRANSCRIPT OF HEARING

1 MR. UTZ: Case 4808. MR. HATCH: Case 4808: Application of Skelly Oil 2 Company for a waterflood expansion and dual completion, 3 Eddy County, New Mexico. 4 MR. SELINGER: George W. Selinger and L. C. White 5 of White, Gilbert, Koch, Kelly, and McCarthy, Santa Fe, 6 appearing on behalf of Skelly Oil Company. We have one 7 witness we would like to have sworn. 8 9 BERT O. BROWN, 10 was called as a witness, and after being duly sworn, testified 11 as follows: 12 MR. UTZ: Are there any other appearances in this 13 case? 14 (No response) 15 MR. UTZ: You may proceed. 16 17 DIRECT EXAMINATION BY MR. SELINGER: 18 Will you state your name and what position you are in? 19 My name is Bert O. Brown, B-e-r-t, and I am with Skelly 20 Oil Company as an area engineer. 21 Have you heretofore testified before the New Mexico Oil 22 Conservation Commission? 23 Yes, sir. Α 24

Are you familiar in general with the Grayburg-Jackson

25

A

Yes, sir.

1		waterflood unit of Skelly?
2	A	Yes, sir.
3	Q	Are you familiar with the application and the exhibits
4		that have been marked?
5	A	Yes, sir.
6	Q	I will hand you what has been marked as Exhibit One,
7		and ask you to state what that is.
8	A	Exhibit One is a two-mile radius map around the well
9		that is the subject of this hearing, Skelly Well Number
10		114, showing all of the wells around that well within
11		a two-mile radius, or producing zone, or horizon from
12		which they produce. It also shows the injection wells.
13	Q	This area has been under waterflood for some time, has
14		it not?
15	A	Yes.
16	Q	I will hand you what has been marked as Exhibit Two, and
17		ask you to state what that is.
18	A	Exhibit Two is a section of the gamma ray neutron log
19		of the Skelly Unit Well Number 114 which shows the
20		formation top, the perforations, and the casing that
21		opens to the Fren-Seven Rivers as well as the Grayburg-
22		Jackson Pools.
23	Q	This field is overlaid by two different classified
24		reservoirs, is that correct?

25

Α

		PAGE 5
1	Q	I will hand you what has been marked as Exhibit Three,
2		and ask you to state what that is.
3	A	Exhibit Three is a schematic diagram of Well Number 114,
4		and the configuration that we propose as a dual completion
5		with production of oil from the Fren-Seven Rivers and
6	:	water injection into the Grayburg-Jackson Pool.
7	Q	The exhibit shows the completion as you propose it?
8	A	Right.
9	Q	Not the present equipment?
10	A	No.
11	Q	Now, I will hand you what has been marked as Exhibit
12		Four, and ask you to state what that is.
13	A	Exhibit Four is a water analyses of the water that we
14		purchase for injection or back-up water in the Skelly
15		Unit Waterflood Project. We also inject all the produced
16		water and we purchase the additional water from the
17		Double Eagle Water Company.
18	Q	The unit produces approximately one thousand barrels
19		of oil and thirteen hundred barrels of water daily, is
20		that correct?
21	A	Correct.
22	Q	And you are injecting approximately 11,000 barrels and
23		the difference between 1,300 and 11,000 is the water

you purchase, is that correct?

Yes, sir.

25

Q	Is that water by its analyses indicated to be fresh
	water?
A	Yes, sir.
Q	I will hand you what has been marked as Exhibit Five,
	and ask you to state what that is.
A	Exhibit Five are copies of C-ll5s that we have filed
	with the Commission over the years, showing the wells
	around the Skelly Unit Well Number 114, indicating there
	has been response to the injection in the area.
Q	Specifically, the months covered are February, 1966,
	April, 1972, and May, 1971 at various times indicating
	the effect of the waterflood operation?
Α	That's right.
Q	I will hand you what has been marked as Exhibit Six, and
	ask you to state what that is.
A	Exhibit Six is a form that we filed with the Oil
	Conservation Commission requesting a dual completion.
	We filed this as an administrative request, which
	resulted in this hearing.
Q	That indicates that you proposed at that time to
	artificially lift oil from the upper zone, the Fren-
	Seven Rivers, and from the lower zone, the Grayburg-
	San Andres, is that correct?
A	That's right.
Q	Now, this Skelly Unit Waterflood Project was authorized
	A Q A A Q

25

		PAGE 7
1		by the Commission by Order R-2900 on May 4th, 1965,
2		is that correct?
3	A	Yes, sir.
4	Q	And amended by the expansion route of different wells
5		by Order 3214, dated April 7th, 1967, is that right?
6	A	That's right.
7	Q	I will hand you what has been marked as Skelly Exhibit
8		Seven, and ask you to state what that is.
9	A	Skelly's Exhibit Seven are C-115s on Skelly's Unit Wells
10		producing from the Fren-Seven Rivers Pool.
11	Q	And that information is for the month of June, 1972?
12	A	The months of June, July, and August.
13	Q	Does that include Unit Well Number 114, showing its
14		capacity?
15	A	Yes, sir.
16	Q	I'll hand you what has been marked as Exhibit Eight, and
17		ask you to state what that is.
18	A	Exhibit Number Eight is a letter dated July 24th to the
19		New Mexico Oil Conservation Commission requesting
20		application for waterflood expansion on the Skelly Unit
21		Well Number 114 by administrative procedure.
22	Q	That is provided for by Statewide Rules 701, 702, and 703?
23	A	Yes, sir.
24	Q	I will hand you what has been marked as Exhibit Nine,

and ask you to state what that is.

Well Number 114.

That's all we have.

2

24

25

3		application for administrative approval of the dual
4		completion.
5	Q	That is for the purpose of producing oil from the upper
6		pay and the disposal of water or water expansion to
7		the lower pay through another string of tubing, is that
8		correct?
9	A	Yes, sir.
10	Q	And the Commission required this hearing as a result
11		of that request?
12	A	The two requests.
13	Q	I will hand you what has been marked as Exhibit Ten, and
14		ask you to state what that is.
15	A	Exhibit Ten is a letter to Skelly Oil Company from the
16		United States Department of Interior approving the
17		proposed dual completion of the Skelly Unit Well Number 1
18	Q	Approving what you are proposing to the Commission?
19	A	Yes, and as is pointed out on the diagramatic sketch
20		of the well.
21	Q	Did you have overall jurisdiction to propose these
22		exhibits, make them up?
23	A	Yes, sir.

Exhibits One through Ten, both inclusive.

MR. SELINGER: We offer into evidence Skelly

Exhibit Nine is a letter to the New Mexico Oil

Conservation Commission dated July 24th, 1972, requesting

Without objection, Exhibits One through 1 MR. UTZ: Ten will be entered into the record of this case. 2 (Whereupon Skelly's Exhibits One through Ten were 3 entered in evidence.) 4 5 CROSS EXAMINATION 6 7 BY MR. UTZ: Mr. Brown, on Exhibit Six, that is information for the 8 dual completion, is that correct? 9 I beg your pardon? 10 Exhibit Six? 11 12 Yes, sir. A And now you propose to inject water into the Grayburg 13 zone rather than produce it as an oil well? 14 Yes, sir. 15 Α At the same perforations? 16 Q Yes, sir. 17 Α Three thousand three hundred seventy-three to 3,772? 18 19 That's correct. Α I might state that the well was 20 MR. SELINGER: producing oil for a short period of time from those 21 perforations. That is correct, isn't it? 22 THE WITNESS: Yes. 23 (By Mr. Utz) The Grayburg is part of the waterflood 24

project here?

1	A Yes, sir.
2	Q So actually all you need out of this hearing is approval
3	of the water injection and oil dual completion?
4	A Yes, sir.
5	MR. SELINGER: May the Examiner please, we would
6	also like to have permission to seek administrative approval
7	of similar completions in the future on this project without
8	the necessity of a hearing. And while our project is a small
9	part of the entire field, we will have no objection if that
10	relief is given to any other operator that may conduct
11	similar projects.
12	MR. HATCH: What you are talking about here is
13	administrative approval of dual completions?
14	MR. SELINGER: Dual completions for producing oil
15	from the upper pay and the waterflood into the lower pay.
16	MR. HATCH: There may be some question as to whether
17	that can be allowed or not. There has always been a lot of
18	argument as to whether this is properly a dual completion.
19	We have issued orders though.
20	MR. UTZ: We will take your request under
21	consideration. Are there any further questions of this
22	witness?
23	(No response)
24	MR. UTZ: If not, he may be excused.

(Witness excused.)

dearnley, meier & mc cormick

209 SIMMS BLDG. # P.O. BOX 1092 PHONE 243-6691 PALBUQUERQUE, NEW MEXICO 87103 1216 FIRST NATIONAL BANK BLDG. EAST PALBUQUERQUE, NEW MEXICO 87108

									1 402	11	
1		MR.	UTZ:	Case	4808	will	be	taken	under	advisement.	
2											
3											
4											
5											
6											
7											
8											
9											
10											
11											
12											
13											
14											
15											
16											
17											
18											
19											
20											
21											
22											
23											
24											
25											

STATE OF NEW MEXICO COUNTY OF BERNALILLO) SS I, RICHARD E. McCORMICK, a Certified Shorthand Reporter, in and for the County of Bernalillo, State of New Mexico, do hereby certify that the foregoing and attached Transcript of Hearing before the New Mexico Oil Conservation Commission was reported by me; and that the same is a true and correct record of the said proceedings to the best of my knowledge, skill and ability. SHORTHAND REPORTER

1		$\underline{I} \ \underline{N} \ \underline{D} \ \underline{E} \ \underline{X}$								
2	<u>WITNESS</u> <u>PAGE</u>									
3	BERT O. BROWN									
4	Direct E	3								
5	Cross Examination by Mr. Utz 9									
6										
7										
8		<u>E X H I B I T S</u>								
9	APPLICANT'S		ADMITTED	OFFERED						
10	Exhibit #1	Map	9	4						
11	Exhibit #2	Section of log	9	4						
12	Exhibit #3	Schematic diagram	9	5						
13	Exhibit #4	Water analyses	9	5						
14	Exhibit #5	Copies of 115s	9	6						
15	Exhibit #6	Form	9	6						
16	Exhibit #7	C-115s	9	7						
17	Exhibit #8	Letter	9	7						
18	Exhibit #9	Letter	9	8						
19	Exhibit #10	Letter	9	8						
20										
21										
22										
23										
24										
25										

1 BEFORE THE NEW MEXICO OIL CONSERVATION COMMISSION 2 CONFERENCE HALL, STATE LAND OFFICE BUILDING SANTA FE, NEW MEXICO 3 September 13, 1972 EXAMINER HEARING 5 6 IN THE MATTER OF: 7 Application of Skelly Oil Company for 8 a waterflood expansion and dual **CASE NO. 4808** completion, Eddy County, New Mexico. 9 10 11 BEFORE: Daniel S. Nutter Examiner 12 13 14 15 16 17 18 19 20 TRANSCRIPT OF HEARING 21 22 23 24

MR. HATCH: Case 4808: Application of Skelly
Oil Company for a waterflood expansion and dual completion,
Eddy County, New Mexico.

The Commission has received a request from the Applicant that the case be continued to October 4th.

MR. NUTTER: Case 4808 will be continued to October 4th, the Examiner Hearing scheduled to be held at this same place.

Call Case Number 4809.

STATE OF NEW MEXICO)
) ss
COUNTY OF BERNALILLO)

I, JOHN DE LA ROSA, a Court Reporter, in and for the County of Bernalillo, State of New Mexico, do hereby certify that the foregoing and attached Transcript of Hearing before the New Mexico Oil Conservation Commission was reported by me; and that the same is a true and correct record of the said proceedings to the best of my knowledg, skill and ability.

COURT REPORTER

A Denn