

SKELLY OIL COMPANY

September 7, 1972

EXPLORATION & PRODUCTION DEPARTMENT
WEST CENTRAL DISTRICT

A. B. CARY, EXPLORATION & PRODUCTION MANAGER
V. E. BARTLETT, EXPLORATION MANAGER
C. J. LOVE, PRODUCTION MANAGER
J. R. AVENT, ADMINISTRATIVE COORDINATOR

ADDRESS REPLY TO:
P. O. BOX 1351
MIDLAND, TEXAS 79701

File: Skelly Unit Well No. 114
Lease No. 73617
Eddy County, New Mexico

Re: New Mexico Oil Conservation Commission
Hearing for Dual Completion

Secretary Director (3)
New Mexico Oil Conservation Commission
Santa Fe, New Mexico 87501

Handwritten: file - Case 4808

Dear Mr. Porter:

We are informed that our request for administrative approval for a dual well has not been granted and that the matter has been scheduled for hearing September 13, 1972. We request that this hearing (case number 4808) be re-scheduled for October 4, 1972. This will allow us to prepare our case more thoroughly which will result in a clear presentation.

Very truly yours,

Handwritten signature: C. J. Love

C. J. Love
District Production Manager

BOB/rc

Handwritten: 9-22-72



OIL CONSERVATION COMMISSION

STATE OF NEW MEXICO

P. O. BOX 2088 - SANTA FE

87501

October 16, 1972

GOVERNOR
BRUCE KING
CHAIRMAN

LAND COMMISSIONER
ALEX J. ARMijo
MEMBER

STATE GEOLOGIST
A. L. PORTER, JR.
SECRETARY - DIRECTOR

Mr. George Selinger
Skelly Oil Company
Post Office Box 1650
Tulsa, Oklahoma 74102

Re: Case No. 4808
Order No. R-4419
Applicant:
Skelly Oil Company

Dear Sir:

Enclosed herewith are two copies of the above-referenced Commission order recently entered in the subject case.

Very truly yours,

A. L. PORTER, Jr.
Secretary-Director

ALP/ir

Copy of order also sent to:

Hobbs OCC x
Artesia OCC x
Aztec OCC

Other State Engineer Office

BEFORE THE NEW MEXICO STATE OIL
CONSERVATION COMMISSION

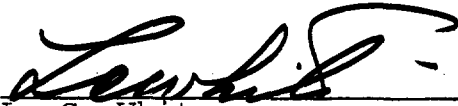
IN THE MATTER OF APPLICATION
OF SKELLY OIL COMPANY FOR WATER-
FLOOD EXPANSION, DUAL COMPLETION
AND INJECTION OF WATER INTO DUAL
COMPLETION

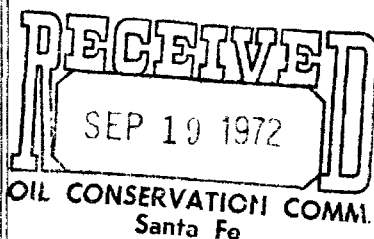
No. 4808

Comes now L. C. White of the firm of White, Koch, Kelly &
McCarthy of Santa Fe, New Mexico, and herewith enters his formal
appearance as local counsel for Skelly Oil Company the applicant
in the above entitled cause.

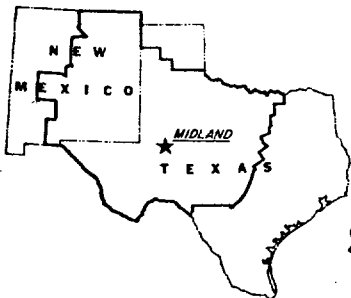
WHITE, KOCH, KELLY & MCCARTHY

By


L. C. White



*Checked Mailed
9-22-72*

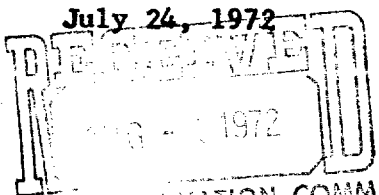


SKELLY OIL COMPANY

EXPLORATION & PRODUCTION DEPARTMENT
WEST CENTRAL DISTRICT

A. B. CARY, EXPLORATION & PRODUCTION MANAGER
V. E. BARTLETT, EXPLORATION MANAGER
C. J. LOVE, PRODUCTION MANAGER
J. R. AVENT, ADMINISTRATIVE COORDINATOR

July 24, 1972



ADDRESS REPLY TO:
P. O. BOX 1351
MIDLAND, TEXAS 79701

Case 4808

File: Skelly Unit Well No. 114
Lease No. 73617

Re: Application for Administrative
Approval of a Dual Completion

New Mexico Oil Conservation Commission
State Land Office Building
P. O. Box 2088
Santa Fe, New Mexico 87501

Gentlemen:

In the matter of application of Skelly Oil Company seeking administrative approval to dual complete its Skelly Unit Well No. 114 located in unit D of Section 14-17S-31E in the Fren Seven Rivers Pool and the Grayburg-Jackson San Andres Pool, Eddy County, New Mexico, and in support thereof does state:

- A. Skelly Oil Company is the sole owner of oil and gas lease consisting all Sec. 11, all Sec. 14, all Sec. 15, all Sec. 21, all Sec. 22, all Sec. 23, all Sec. 26, all Sec. 27, all Sec. 28, and all Sec. 33, Township 17South, Range 31East, N.M.P.M., Eddy, County, New Mexico.
- B. That Skelly Unit Well No. 114 is located 660 FNL and 660 FWL of Section 14-17S-R31E.
- C. That the applicant has prior duals on lease (Wells No. 3 and 11). Applicant does plan to dual complete subject Well No. 114 in the following manner.
 1. Set Baker Model "D" packer at 3,300' to segregate the two zones.
 2. Perforate 5-1/2" Csg. in the Seven Rivers section between 2289 and 2468', also perforated Grayburg-San Andres section between 3373 to 3772'.
 3. Produce by pumping Seven Rivers oil from the upper zone and injecting water into the Grayburg-San Andres thru parallel

strings of tubing; injection side will be internally coated for protection.

- D. 1. Diagrammatic sketch of the proposed multiple completion showing all down hole conditions.
2. Plat showing location of all wells on applicant's lease also offset wells on offset leases.
3. That all offset operators are hereby notified by a copy of this application.
4. Electric log of subject well with all tops and bottoms of producing zones and intervals of perforations.
5. All of above submitted complete and accurate to the best of our knowledge.

Therefore, applicant prays that Secretary of the Commission grant permission to dual complete the above well in the interest of conservation and protection of correlative rights.

Respectfully submitted,
SKELLY OIL COMPANY



C. J. Love
District Production Manager

HED/rc

Attachments:

Lease Plat
Area Map
Down Hole Schematic
Section of Electric-Log
C-107 Application for Dual

COPIES TO:

Atlantic Richfield, P. O. Box 1610, Midland, Texas 79701

Getty Oil Company, P. O. Box 1231, Midland, Texas 79701

Hanagan & Hanagan, P. O. Box 1737, Roswell, New Mexico 88201

William A. & Edward R. Hudson, 1510 1st Nat'l Bank Bldg., Ft. Worth, Texas 76100

Kersey and Company, 808 West Grand, Artesia, New Mexico 88210

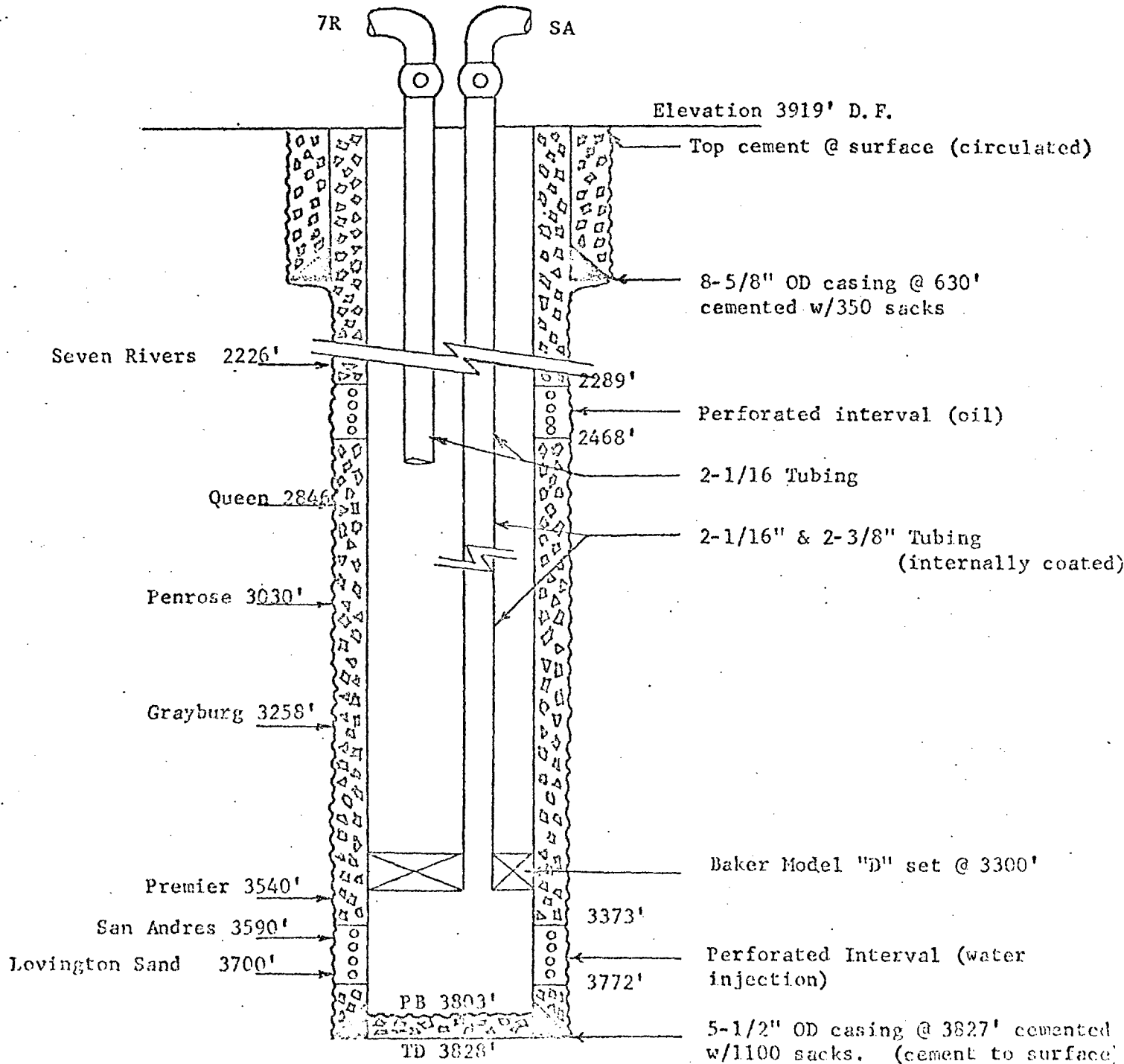
Murchison & Closuit % Mr. Ernest Closuit, 1019 Ft. Worth Nat'l Bank Bldg.
Ft. Worth 2, Texas 76100

State Land Office, P. O. Box 2088, Santa Fe, New Mexico 87501

New Mexico Oil Conservation Commission, Drawer DD, Artesia, New Mexico 88201

United States Geological Survey, P. O. Drawer "U", Artesia, New Mexico 88201

SKELLY OIL COMPANY
 Skelly Unit No. 114
 660 FNL & 660 FWL Sec. 14-17S-31E



Case 4808

NEW MEXICO OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO
APPLICATION FOR MULTIPLE COMPLETION

Form C-107
5-1-61

Case 4808

Operator Skelly Oil Company		County Eddy		Date 7/24/72
Address P. O. Box 1351, Midland, Texas 79701		Lease Skelly Unit		Well No. 31E
Location of Well	Unit	Section	Township	Range

1. Has the New Mexico Oil Conservation Commission heretofore authorized the multiple completion of a well in these same pools or in the same zones within one mile of the subject well? YES ☒ NO ☐

2. If answer is yes, identify one such instance: Order No. **R-2406** Also **MC-1287**; Operator Lease, and Well No.: **Skelly Unit Well No. 3 and Skelly Unit Well No. 11**

3. The following facts are submitted:	Upper Zone	Intermediate Zone	Lower Zone
a. Name of Pool and Formation	Fren Seven Rivers		Grayburg-San Andres
b. Top and Bottom of Pay Section (Perforations)	2289' to 2468'		3373' to 3772'
c. Type of production (Oil or Gas)	Oil		Oil
d. Method of Production (Flowing or Artificial Lift)	Art-Lift		Art-Lift

4. The following are attached. (Please check YES or NO)

Yes	No	
☒	☐	a. Diagrammatic Sketch of the Multiple Completion, showing all casing strings, including diameters and setting depths, centralizers and/or turbolizers and location thereof, quantities used and top of cement, perforated intervals, tubing strings, including diameters and setting depth, location and type of packers and side door chokes, and such other information as may be pertinent.
☒	☐	b. Plat showing the location of all wells on applicant's lease, all offset wells on offset leases, and the names and addresses of operators of all leases offsetting applicant's lease.
☐	☒	c. Waivers consenting to such multiple completion from each offset operator, or in lieu thereof, evidence that said offset operators have been furnished copies of the application.*
☒	☐	d. Electrical log of the well or other acceptable log with tops and bottoms of producing zones and intervals of perforation indicated thereon. (If such log is not available at the time application is filed it shall be submitted as provided by Rule 112-A.)

5. List all offset operators to the lease on which this well is located together with their correct mailing address.

Atlantic-Richfield, Box 1610, Midland, Texas 79701

Getty Oil Company, Box 1231, Midland, Texas 79701

Hanagan Oil Company, Box 1737, Roswell, New Mexico 88201

Hudson and Hudson 1510 1st. Nat'l Bank Bldg., Ft. Worth, Texas 76100

Kersey and Company, 808 West Grand, Artesia, New Mexico 88210

Murchison and Closuit, 1019 Fort Worth Nat'l Bank Bldg., Fort Worth 2, Texas 76100

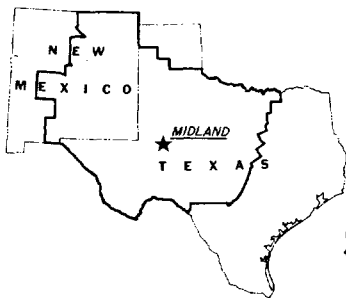
6. Were all operators listed in Item 5 above notified and furnished a copy of this application? YES ☒ NO ☐. If answer is yes, give date of such notification **July 24, 1972**.

CERTIFICATE: I, the undersigned, state that I am the **Manager** of the **Production** **Skelly Oil Company** (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

C. J. Love
Mr. C. J. Love Signature

*Should waivers from all offset operators not accompany an application for administrative approval, the New Mexico Oil Conservation Commission will hold the application for a period of twenty (20) days from date of receipt by the Commission's Santa Fe office. If, after said twenty-day period, no protest nor request for hearing is received by the Santa Fe office, the application will then be processed.

NOTE: If the proposed multiple completion will result in an unorthodox well location and/or a non-standard proration unit in one or more of the producing zones, then separate application for approval of the same should be filed simultaneously with this application.



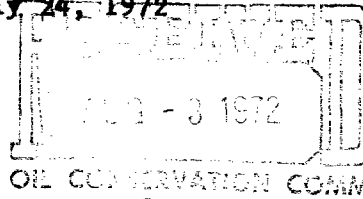
SKELLY OIL COMPANY

July 24, 1972

EXPLORATION & PRODUCTION DEPARTMENT
WEST CENTRAL DISTRICT

A. B. CARY, EXPLORATION & PRODUCTION MANAGER
V. E. BARTLETT, EXPLORATION MANAGER
C. J. LOVE, PRODUCTION MANAGER
J. R. AVENT, ADMINISTRATIVE COORDINATOR

ADDRESS REPLY TO:
P. O. BOX 1351
MIDLAND, TEXAS 79701



File: Skelly Unit
Lease No. 73617
Grayburg-Jackson Pool
Eddy County, New Mexico

Re: Application for waterflood expansion

New Mexico Oil Conservation Commission
State Land Office Building
P. O. Box 2088
Santa Fe, New Mexico 87501

Attention: Mr. Secretary-Director

Gentlemen:

Skelly Oil Company respectfully requests administrative approval to expand its Skelly Unit waterflood in the Grayburg-Jackson Pool, Eddy County, New Mexico. The Skelly Unit waterflood project was authorized by order R-2900 issued May 4, 1965 and amended by order R-3214 dated April 7, 1967.

The Skelly Unit waterflood has been expanded as follows:

1. Initial injection Wells 42, 44, 46, 52, 54, and 56 in 1965 by R-2900.
2. Expand and convert Wells 24 and 34 in July, 1967 by R-3214.
3. Expand and convert Well 98 in December, 1967 by WFX278.
4. Expand and convert Wells 19, 21, 22, 24, 26, 30, 32, 38, 40, 48, 58, 71, 73, 83, 85, 86, and 105 in March, 1968 by R-3214.
5. Expand and convert Wells 64, 66, 67, 75, 77, 89, 93, and 95 in August, 1968 by WFX290.
6. Expand and convert Wells 79 and 81 in August, 1970 by WFX327.
7. Expand and convert Wells 69, 91, and 100 in December, 1970 by WFX354.
8. Expand and convert Wells 87 and 102 in May, 1971 by WFX357.
9. This application for Well No. 114.

The subject waterflood as governed by the provisions of Rule 701, 702, and 703 of the Oil Conservation Commission rules and regulations; provided that the Secretary-Director of the Commission may approve expansion of the Grayburg-Jackson Skelly Unit waterflood project to include additional wells, within said unit area, on water injection as may be necessary to complete an efficient waterflood pattern. We consider this application to be included under this provision.

Skelly Oil Company desires to expand the waterflood and requests administrative approval to convert the following well to water injection:

Township 17 South, Range 31 East
Skelly Unit Well No. 114, Unit Letter D, Section 14

Under order R-3214 Skelly Oil Company was authorized to effect a waterflood project in the Grayburg-Jackson Pool in the Skelly Unit by the selective injection of water into various zones throughout the Grayburg-Jackson vertical producing interval. Skelly Oil Company requests approval to inject into the Grayburg-Jackson interval in the subject well. It is our intention to equip the proposed injector as an injector in the Grayburg-Jackson interval and also a producer in the Seven Rivers zone. Application for dual completion of this well has already been submitted.

Attached is a map showing all wells within a two mile radius, a unit plat showing the present and proposed injection wells, schematic diagram and log sections of the proposed well, an analysis of the water to be injected, and duplicate copy of C-115 on offsets.

Limited response has been noted in the area of Well No. 114; although less than desired magnitude for this area due to the limited volumes of water which have been injected into this portion of the unit. The proposed injection well's producing capacity and other producing wells which directly offset the proposed injection well are shown by the following tabulation:

Skelly Ut. Well No.	Daily Production			Daily Production		
	Date	Oil	Water	Date	Oil	Water
103	Feb., 1966	2.7	24.0	April, 1972	3.6	7.1
108	April, 1971	17.0	25.7	April, 1972	18.4	26.8
114 (Prop. WIW)	Jan., 1972	New Well		April, 1972	4.0	0.2
102	April, 1971	1.0	0.6	April, 1972	3.0	2.0

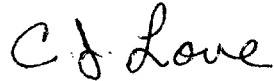
Injection water will be purchased from Double Eagle Water Company. The water is fresh and taken from the Ogallala formation as shown by the water analysis. Anticipated injection rate is 300 to 600 BPD at pressure of 1,500 to 2,000 psig.

This proposed expansion is in line with our plan of operation for the Skelly Unit.

Skelly Unit
Page No. 3
July 24, 1972

Offset operators are being notified by a copy of this application in accordance with the attached mailing list.

Very truly yours,
SKELLY OIL COMPANY

A handwritten signature in cursive script that reads "C. J. Love".

C. J. Love
District Production Manager

HED/rc
Attachments
Area 2 mile Radius Map
Lease Plat
Schematic Diagram
Log Section
Water Analysis
C-115 forms

COPIES TO:

Atlantic-Richfield, Box 1610, Midland, Texas 79701

Getty Oil Company, Box 1231, Midland, Texas 79701

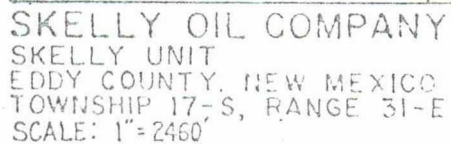
Hanagan Oil Company, Box 1737, Roswell, New Mexico 88201

Hudson and Hudson, 1510 1st, Nat'l Bank Bldg., Fort Worth, Texas 76100

Kersey and Company, 808 West Grand, Artesia, New Mexico 88210

Murchison & Closuit, 1019 Fort Worth Nat'l Bank Bldg., Fort Worth 2, Texas 76100

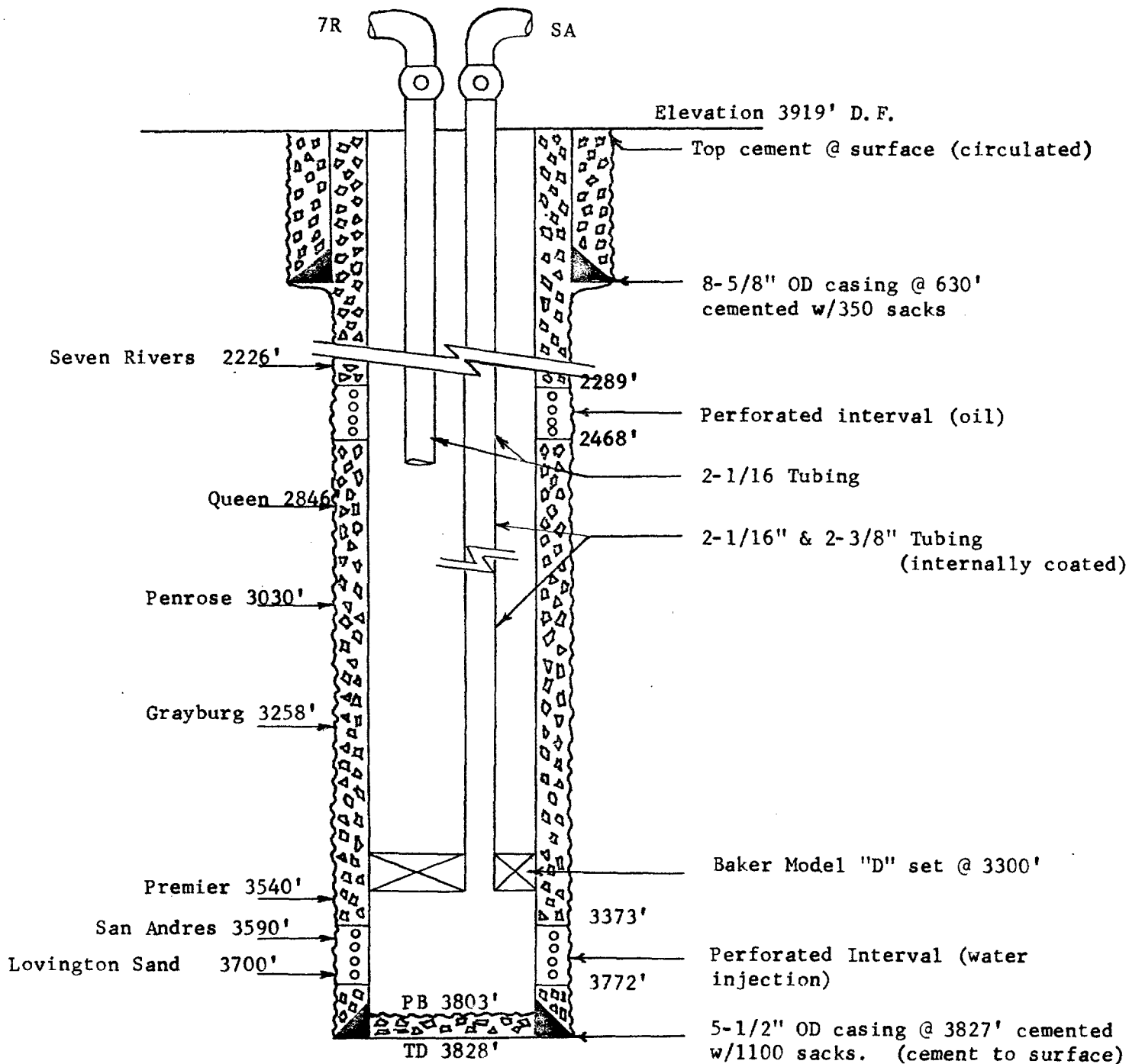
U.S.G.S (for approval-two copies) Drawer "U", Artesia, New Mexico 88210



LEGEND

- GRAYBURG - SAN ANDRES OIL WELL
- ⊙ DRY HOLE
- |||| SKELLY UNIT
- ⊙ PROPOSED WATER INJECTION WELL
- WELLS TO BE DRILLED

SKELLY OIL COMPANY
 Skelly Unit No. 114
 660 FNL & 660 FWL Sec. 14-17S-31E



Case 4808

Page 4808

Grayburg Jackson Waterflood

	<u>Water Source</u>	<u>Injection Well</u>
Dissolved Oxygen	6.1	
pH	7.1	2.6
Bicarbonate (HCO_3)	160	7.1
Chlorides (Cl)	2350	150
Total Hardness (CaCO_3)	2675	2350
Calcium (Ca)	760	2725
Magnesium (Mg)	780	760
Sulfate (SO_4)	2030	820
Iron (Total)	0.7	2030
		4.5

Results in ppm

NEW MEXICO OIL CONSERVATION COMMISSION

BOX 2088 SANTA FE, NEW MEXICO

OPERATOR'S MONTHLY REPORT

SKELLY OIL COMPANY

U.S. P.O. BOX 1351, MIDLAND, TEXAS

FOR MONTH

APR 1972

25

WELL NO. UNIT SEC. TWP. RND.	STATUS	TOTAL LIQUIDS PRODUCED			GAS PRODUCED ACF	DAYS PROD.	DISPOSITION OF GAS					DISPOSITION OF OIL				
		MONTHLY OIL ALLOWABLE	ACTUAL BARRELS PRODUCED	BARRELS OF WATER PRODUCED			VENTED	USED ON LEASE	SOLD	PURCH.	OTHER	C O D E	OIL ON HAND BEG. OF MONTH	BARRELS TO TRANS-PORTER	OTHER	C O D E
LEASE NAME AND STATE LAND LEASE NUMBER OR FEDERAL LEASE NUMBER																
Grayburg Jackson - Hddy - (Continued)																
Skelly Unit No. I - Section 276 (Continued)																
95 H 28 17 31	I		Water Injection Well													
96 F 27 17 31	I		Water Injection Well													
97 G 27 17 31	P	210	156	1350	108	30	720									
98 J 28 17 31	I		Water Injection Well													
99 K 28 17 31	T		Temporarily Abandoned													
100 L 28 17 31	I		WATER INJECTION Well													
101 E 22 17 31	P	90	23	0	0	21	-0-									
102 B 14 17 31	P	180	90	60	11	30	122									
103 C 14 17 31	P	210	111	215	18	30	162									
104 E 14 17 31	P	150	66	42	9	30	150									
105 F 14 17 31	I		Water Injection Well													
106 C 15 17 31	P	210	153	0	480	30	3137									
Totals this page		1050	587	1667	626											

STATUS CODE: OTHER GAS DISPOSITION CODE: OTHER OIL DISPOSITION CODE

A - - - - - USED OFF LEASE
B - - - - - USED FOR DRILLING
C - - - - - GAS LIFT
D - - - - - GAS LIFT
E - - - - - GAS LIFT
F - - - - - GAS LIFT
G - - - - - GAS LIFT
H - - - - - GAS LIFT
I - - - - - GAS LIFT
J - - - - - GAS LIFT
K - - - - - GAS LIFT
L - - - - - GAS LIFT
M - - - - - GAS LIFT
N - - - - - GAS LIFT
O - - - - - GAS LIFT
P - - - - - GAS LIFT
Q - - - - - GAS LIFT
R - - - - - GAS LIFT
S - - - - - GAS LIFT
T - - - - - GAS LIFT
U - - - - - GAS LIFT
V - - - - - GAS LIFT
W - - - - - GAS LIFT
X - - - - - GAS LIFT
Y - - - - - GAS LIFT
Z - - - - - GAS LIFT

OTHER GAS DISPOSITION CODE: OTHER OIL DISPOSITION CODE

OTHER OIL DISPOSITION CODE: OTHER GAS DISPOSITION CODE

OTHER GAS DISPOSITION CODE: OTHER OIL DISPOSITION CODE

OTHER OIL DISPOSITION CODE: OTHER GAS DISPOSITION CODE

I HEREBY CERTIFY THAT THE INFORMATION GIVEN IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.



District Administrative Coordinator

MAY 24 1972

Submitted in Lieu of Form No. 9-329

(POSITION)

NEW MEXICO OIL CONSERVATION COMMISSION
 BOX 2068 SANTA FE, NEW MEXICO
 OPERATOR'S MONTHLY REPORT
 8
 P.O. BOX 1351, Midland, Texas FOR MONTH APR 1972

WELL NO. UNIT SEC. TWP. RND.	POOL NAME (UNDERLINE)	LEASE NAME AND STATE LAND LEASE NUMBER OR FEDERAL LEASE NUMBER	STATUS	TOTAL LIQUIDS PRODUCED			GAS PRODUCED MCF	DAYS PROD.	DISPOSITION OF GAS					DISPOSITION OF OIL				
				MONTHLY OIL ALLOWABLE	ACTUAL BARR. PRODUCED	BARR. OF WATER PRODUCED			VENTED	USED ON LEASE	SOLD	PURCH.	OTHER	C D B E	OIL ON HAND BEG. OF MONTH	BARR. TO TRANS. PORTER	OTHER	C D B E
Grayburg Jackson - Lady - (Continued)																		
Skelly Unit No. I - Section 276 (Continued)																		
95 H 28 17 31	I			Water Injection Well														
96 F 27 17 31	I			Water Injection Well														
97 G 27 17 31	P	210	150	1350	108	30	770											
98 J 28 17 31	I			Water Injection Well														
99 K 28 17 31	T			Temporarily Abandoned														
100 L 28 17 31	I			Water Injection Well														
101 E 22 17 31	P	90	23	0	0	21	-0-											
102 B 14 17 31	P	180	90	60	11	30	122											
103 C 14 17 31	P	210	111	215	18	30	162											
104 E 14 17 31	P	150	60	42	9	30	150											
105 F 14 17 31	I			Water Injection Well														
106 C 15 17 31	P	210	153	0	480	30	3137											
Totals this page		1050	587	1667	626													

NOTES: GAS DISPOSITION CODE
 A - USED OFF LEASE
 B - USED FOR DRILLING
 C - GAS LIFT
 D - LOST (MCF ESTIMATED)
 E - EXPLANATION ATTACHED
 F - REPRESSURING OR PRESSURE MAINTENANCE

DISPOSITION OF GAS CODE
 G - CIRCULATING OIL
 H - LOST
 I - IDENTIFICATION ASSAY
 J - EXPLANATION ATTACHED

INDUSTRIALITY THAT THE OPERATOR'S OPERATIONS COMPLETE TO THE BEST OF HIS KNOWLEDGE

APR 24 1972

District Administrative Coordinator

Submitted in Lieu of Form No. 9-329

NEW MEXICO OIL CONSERVATION COMMISSION

BOX 2085 SANTA FE, NEW MEXICO

OPERATOR'S MONTHLY REPORT

Company: Skelly Oil Company

Address: P. O. Box 1351, Midland, Texas

FOR MONTH

APR 1972

Page 2 of 2

WELL NO. UNIT SEC. TWP. RNG.					WELL STATUS	TOTAL LIQUIDS PRODUCED			GAS PRODUCED ACF	DAYS PROD.	DISPOSITION OF GAS					DISPOSITION OF OIL										
LEASE NAME (UNDERLINE)						MONTHLY OIL ALLOWABLE	ACTUAL BARRELS PRODUCED	BARRELS OF WATER PRODUCED			VENTED	USED ON LEASE	SOLD	PURCH.	OTHER	C O D E	OIL ON HAND BEG. OF MONTH	BARRELS TO TRANS. PORTER	OTHER	C O D E	TRANS. PORTER	OIL ON HAND END OF MONTH				
Rayburg-Jackson - Kelly Unit No. I - Section 276 (Continued)					Eddy (Continued)																					
E 27 17 31					P	810	513	56	612	30	1193															
08 A 15 17 31					P	600	554	831	2011	30	2630															
09 E 15 17 31					P	1620	1137	558	942	30	128															
10 G 14 17 31					P	1650	482	24	377	30	764															
11 I 14 17 31					P	510	308	9	1802	30	551															
12 A 14 17 31					P	1050	120	13	994	30	8283															
13 H 14 17 31					P	1050	120	13	852	30	71															
14 D 14 17 31					P	150	121	7	12	30	71															
Total this page						7170	3356	1511	7602																	
lease Total						47760	33040	24263	14452																	

OTHER GAS DISPOSITION CODE
 A - USED OFF LEASE
 B - USED FOR DRILLING
 C - GAS LIFT
 D - COST MCP ESTIMATED
 E - EXPLANATION ATTACHED
 F - REPAIRING OR REPAIRS MAINTENANCE

OTHER OIL DISPOSITION CODE
 G - CIRCULATING OIL
 H - LOST
 I - SEDIMENTATION (BSM)
 J - EXPLANATION ATTACHED

I HEREBY CERTIFY THAT THE INFORMATION GIVEN IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

Submitted in Lieu of Form No. 9-329

Lead Clerk

MAY 24 1972

NEW MEXICO OIL CONSERVATION COMMISSION

BOX 2088 SANTA FE, NEW MEXICO

OPERATOR'S MONTHLY REPORT

SKELLY OIL COMPANY

8

P. O. Box 1351, Midland, Texas

FOR MONTH

MAY 1971

Page 2

WELL NO. UNIT SEC. TWP. RND.	WELL STATUS	TOTAL LIQUIDS PRODUCED			GAS PRODUCED MCF	DAYS PROD.	DISPOSITION OF GAS					DISPOSITION OF OIL				
		MONTHLY OIL ALLOWABLE	ACTUAL BARELS PRODUCED	BARELS OF WATER PRODUCED			VENTED	USED ON LEASE	SOLD	PURCH.	OTHER	C O D E	OIL ON HAND DEC. OF MONTH	BARELS TO TRANS. PORTER	OTHER	C O D E
LEASE NAME AND STATE LAND LEASE NUMBER OR FEDERAL LEASE NUMBER																
Grayburg Jackson - Hddy - (Continued)																
Skelly Unit No. 1 - Section 276 (Continued)																
H 28 17 31	I		Water Injection Well													
96 F 27 17 31	I		Water Injection Well													
97 G 27 17 31	P	217	155	233	117	31										
98 J 28 17 31	I		Water Injection Well													
99 K 28 17 31	T		Temporarily Abandoned													
100 L 28 17 31	I		Water Injection Well													
101 E 22 17 31	P	186	81	0	0	27										
102 B 14 17 31	P	155	29	19	96	31										
103 C 14 17 31	P	155	59	114	127	31										
104 E 14 17 31	P	217	151	106	77	31										
105 F 14 17 31	I		Water Injection Well													
106 C 15 17 31	P	1207	1241	0	707	31										
Totals this page		2139	1716	472	1124											

STATUS CODE: OTHER GAS DISPOSITION CODE: OTHER OIL DISPOSITION CODE: I HEREBY CERTIFY THAT THE INFORMATION GIVEN IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

DATE: JUN 21 1971
DISTRICT ADMINISTRATIVE COORDINATOR
POSITION

Submitted in Lieu of Form No. 9-329

NEW MEXICO OIL CONSERVATION COMMISSION

OPERATOR'S MONTHLY REPORT

BOX 2068 SANTA FE, NEW MEXICO

Skelly Oil Company

P. O. Box 1351, Midland, Texas

FOR MONTH

MAY 1971

Page 3

STATE OF NEW MEXICO
SUBMIT ORIGINAL TO DISTRICT ADMINISTRATOR
ONE COPY TO DISTRICT OFFICE
ONE COPY TO TRANSPORTATION

L. NO. UNIT SEC. TWP. RNO.	WELL STATUS	TOTAL LIQUIDS PRODUCED			GAS PRODUCED MCF	DAYS PROD.	DISPOSITION OF GAS					DISPOSITION OF OIL					
		MONTHLY OIL ALLOWABLE	ACTUAL BARRELS PRODUCED	BARRELS OF WATER PRODUCED			VENTED	USED ON LEASE	SOLD	PURCH.	OTHER	C O D E	OIL ON HAND BEG. OF MONTH	BARRELS TO TRANS. PORTER	OTHER	C O D E	TRANS. PORTER
LEASE NAME AND STATE LAND LEASE NUMBER OR FEDERAL LEASE NUMBER																	
Rayburg Jackson - Eddy - (Continued)																	
ly Unit No. I	-	Section	276	(Continued)													
07 E 27 17 31	P	1767	1239	3329	677	31											
08 A 15 17 31	P	744	532	798	2967	31											
Total this Page		2511	1771	4127	3644												
Pool Total	-	45725	35519	30664	12737				12737	CON				3142	35915		END

OTHER GAS DISPOSITION CODE
X - USED OFF LEASE
D - USED FOR DRILLING
C - GAS LIFT
L - LOST (MCF ESTIMATED)
E - EXPLANATION ATTACHED
R - REPRESSURING OR PRESSURE MAINTENANCE

OTHER OIL DISPOSITION CODE
C - CIRCULATING OIL
L - LOST
S - SEDIMENTATION (BSW)
E - EXPLANATION ATTACHED

I HEREBY CERTIFY THAT THE INFORMATION GIVEN IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

District Administrative Coordinator
JUN 21 1971

Submitted in Lieu of Form No. 9-329

NEW MEXICO OIL CO. SERVATION COMMISSION BOX 2088 SANTA FE, NEW MEXICO OPERATOR'S MONTHLY REPORT

(Address)

FOR MONTH

4-1-1966

Page

WELL NO. UNIT SEC. TWP. RND.	WELL STATUS	TOTAL LIQUIDS PRODUCED			GAS PRODUCED MCF	DAYS PROD.	DISPOSITION OF GAS					DISPOSITION OF OIL					
		MONTHLY OIL ALLOWABLE	ACTUAL BARRELS PRODUCED	BARRELS OF WATER PRODUCED			VENTED	USED ON LEASE	SOLD	PURCH.	OTHER	OIL ON HAND BEG. OF MONTH	BARRELS TO TRANS-PORTER	OTHER	OIL ON HAND END OF MONTH		
2075 37 32		140	132	0	68	21											
21 4		154	153	0	218	2											
42 4		84	79	1	190	2											
20 4		84	79	3	177	2											
68 4		84	79	3	218	2											
51 4		112	105	1	476	2											
43 4		84	79	2	463	2											
45 4		56	53	1	190	2											
20 4		84	79	2	571	2											
31 4		84	79	0	1102	2											
12 4		112	105	2	1714	2											
14 4		84	79	2	939	2											
10 4		176	166	17	6326	2											

OFFSET NEW UNIT-05.

6326

STATUS CODE: F - FLOWING, P - PLUMBING, G - GAS LIFT, S - SHUT IN, T - TEMP. ABANDONED, I - INJECTION. OTHER GAS DISPOSITION CODE: X - USED OFF LEASE, D - USED FOR DRILLING, G - GAS LIFT, L - LOST (MCF ESTIMATED), E - EXPLANATION ATTACHED, R - REPRESSURING OR PRESSURE MAINTENANCE. OTHER OIL DISPOSITION CODE: C - CIRCULATING OIL, L - LOST, S - SEDIMENTATION (BASK), E - EXPLANATION ATTACHED.

I HEREBY CERTIFY THAT THE INFORMATION GIVEN IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

3-20-66 (DATE)

STANDARD 21-1101 OF FORM NO. 9-518

Company of SKELLY OIL COMPANY
Address: P. O. Box 1351 Midland, Texas
FOR MONTH APR 1972
Page 31

NEW MEXICO OIL CONSERVATION COMMISSION
BOX 2088 SANTA FE, NEW MEXICO
OPERATOR'S MONTHLY REPORT

WELL NO. UNIT SEC. TWP. RND.	WELL STATUS	TOTAL LIQUIDS PRODUCED			GAS PRODUCED MCF	DAYS PROD.	DISPOSITION OF GAS					DISPOSITION OF OIL			
		MONTHLY OIL ALLOWABLE	ACTUAL BARRELS PRODUCED	BARRELS OF WATER PRODUCED			VENTED	USED ON LEASE	SOLD	PURCH.	OTHER	OIL ON HAND BEG. OF MONTH	BARRELS TO TRANS. PORTER	OTHER	OIL ON HAND END OF MONTH
LEASE NAME AND STATE LAND LEASE NUMBER OR FEDERAL LEASE NUMBER															
Grayburg Jackson - Eddy															
Skelly Unit No. I Section 216															
3 D 22 17 31	P	690	117	21	0	30	-0-								
11 I 21 17 31	P	210	151	17	118	30	781								
17 B 15 17 31	P	1080	1045	52	6	30	6								
18 D 15 17 31	P	180	123	0	7	30	57								
19 F 15 17 31	I		Water	Injection Well											
20 G 15 17 31	P	1470	1445	87	27	30	19								
21 H 15 17 31	I		Water	Injection Well											
22 J 14 17 31	I		Water	Injection Well											
23 K 14 17 31	P	460	308	86	41	30	133								
24 L 14 17 31	I		Water	Injection Well											
25 I 15 17 31	P	150	92	2	7	30	76								
26 J 15 17 31	I		Water	Injection Well											
Totals this page		4260	3281	265	206										

OTHER GAS DISPOSITION CODE
X - - - - USED OFF LEASE
D - - - - USED FOR DRILLING
G - - - - GAS LIFT
L - - - - LOST (MCF ESTIMATED)
E - - - - EXPLANATION ATTACHED
R - - - - REPRESSURING OR PRESSURE MAINTENANCE

OTHER OIL DISPOSITION CODE
C - - - - CIRCULATING OIL
L - - - - LOST
S - - - - SEDIMENTATION LOSS
E - - - - EXPLANATION ATTACHED

I HEREBY CERTIFY THAT THE INFORMATION GIVEN IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

SIGNATURE: MAY 24 1972
DISTRICT ADMINISTRATIVE COORDINATOR

Submitted in Lieu of Form No. 9-329

NEW MEXICO OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO
APPLICATION FOR MULTIPLE COMPLETION

Form C-107
5-1-61

Case 4808

Set for hearing

Operator Skelly Oil Company		County Eddy		Date 7/24/72
Address P. O. Box 1351, Midland, Texas 79701		Lease Skelly Unit		Well No. 315 114
Location of Well	Unit D	Section 14	Township 17 South	Range 31 East

1. Has the New Mexico Oil Conservation Commission heretofore authorized the multiple completion of a well in these same pools or in the same zones within one mile of the subject well? YES ☒ NO ☐

2. If answer is yes, identify one such instance: Order No. **R-2406** Also **MC-1287**; Operator Lease, and Well No.: **Skelly Unit Well**

No. 3 and Skelly Unit Well No. 11

3. The following facts are submitted:	Upper Zone	Intermediate Zone	Lower Zone
a. Name of Pool and Formation	Fren Seven Rivers		Grayburg-San Andres
b. Top and Bottom of Pay Section (Perforations)	2289' to 2468'		3373' to 3772'
c. Type of production (Oil or Gas)	Oil		Oil
d. Method of Production (Flowing or Artificial Lift)	Art-Lift		Art-Lift

4. The following are attached. (Please check YES or NO)

Yes	No	
☒	☐	a. Diagrammatic Sketch of the Multiple Completion, showing all casing strings, including diameters and setting depths, centralizers and/or turbolizers and location thereof, quantities used and top of cement, perforated intervals, tubing strings, including diameters and setting depth, location and type of packers and side door chokes, and such other information as may be pertinent.
☒	☐	b. Plat showing the location of all wells on applicant's lease, all offset wells on offset leases, and the names and addresses of operators of all leases offsetting applicant's lease.
☐	☒	c. Waivers consenting to such multiple completion from each offset operator, or in lieu thereof, evidence that said offset operators have been furnished copies of the application.*
☒	☐	d. Electrical log of the well or other acceptable log with tops and bottoms of producing zones and intervals of perforation indicated thereon. (If such log is not available at the time application is filed it shall be submitted as provided by Rule 112-A.)

5. List all offset operators to the lease on which this well is located together with their correct mailing address.

Atlantic-Richfield, Box 1610, Midland, Texas 79701

Getty Oil Company, Box 1231, Midland, Texas 79701

Hanagan Oil Company, Box 1737, Roswell, New Mexico 88201

Hudson and Hudson 1510 1st. Nat'l Bank Bldg., Ft. Worth, Texas 76100

Kersey and Company, 808 West Grand, Artesia, New Mexico 88210

Murchison and Closuit, 1019 Fort Worth Nat'l Bank Bldg., Fort Worth 2, Texas 76100

6. Were all operators listed in Item 5 above notified and furnished a copy of this application? YES ☒ NO ☐. If answer is yes, give date of such notification **July 24, 1972**.

CERTIFICATE: I, the undersigned, state that I am the **Manager** of the **Production** **Skelly Oil Company** (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

DOCKET

C. J. Love
Mr. C. J. Love

Signature

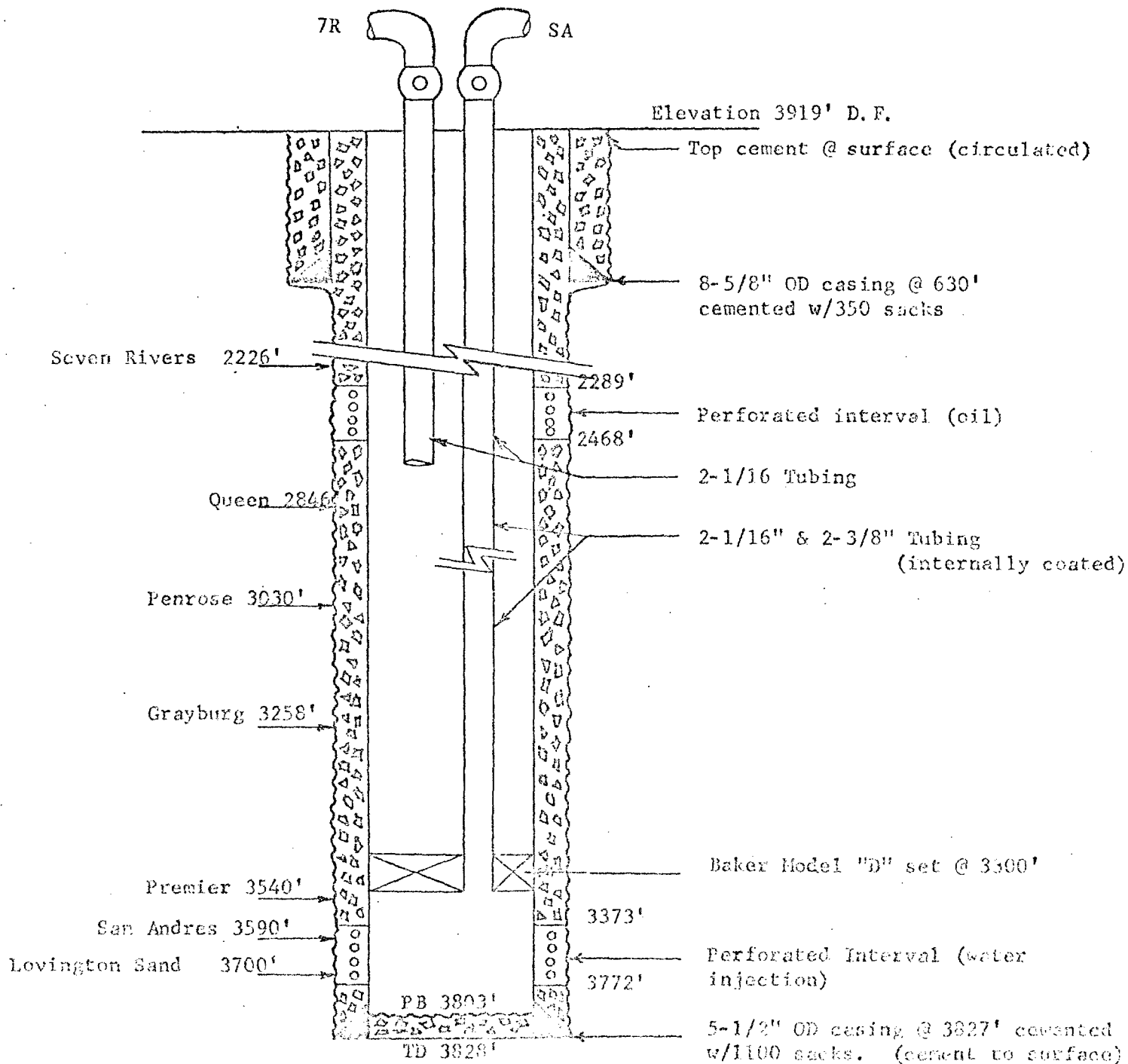
Date

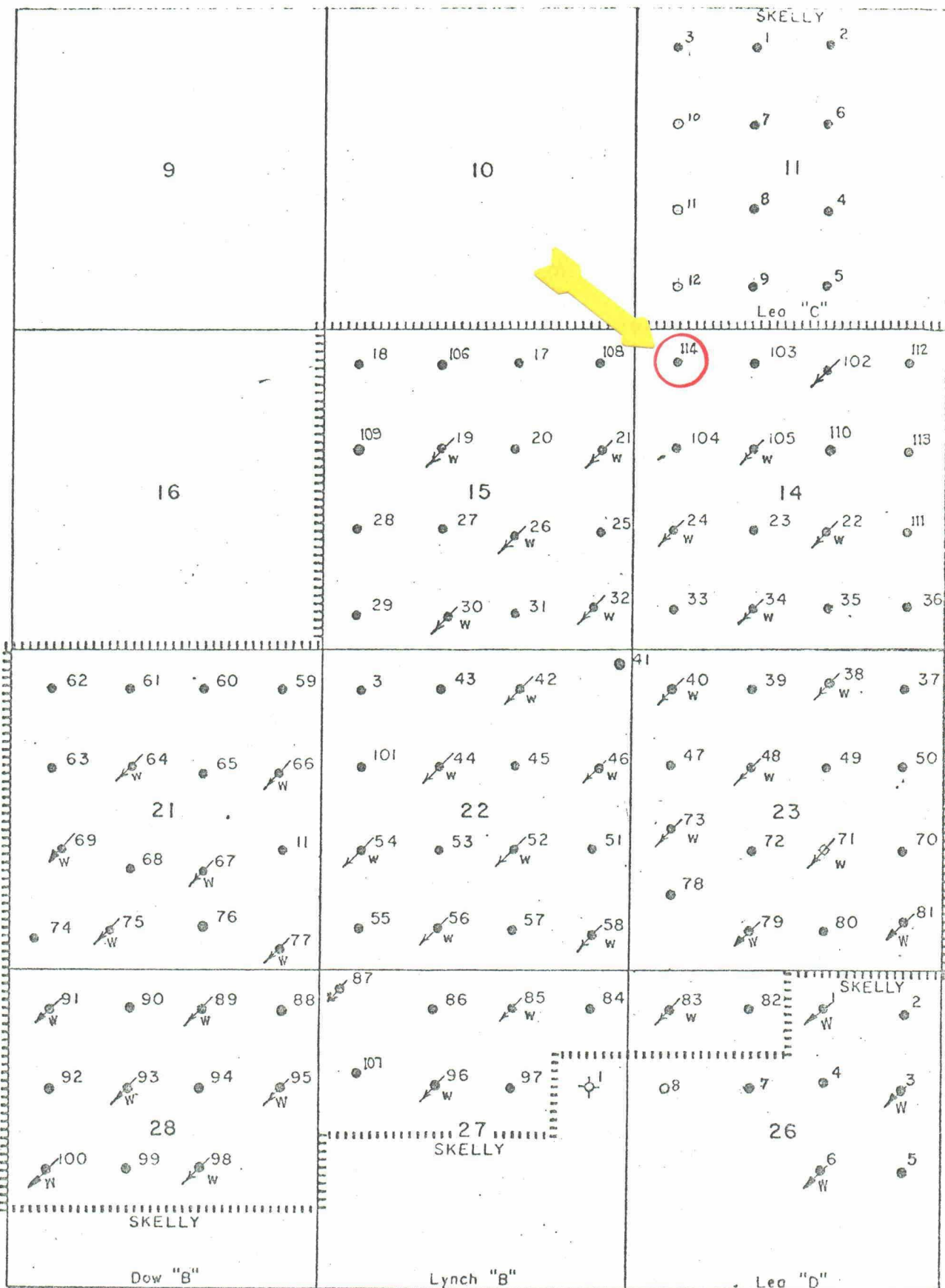
8-31-72

*Should waivers from all offset operators not accompany an application for administrative approval, the New Mexico Oil Conservation Commission will hold the application for a period of twenty (20) days from date of receipt by the Commission's Santa Fe office. If, after said twenty-day period, no protest nor request for hearing is received by the Santa Fe office, the application will then be processed.

NOTE: If the proposed multiple completion will result in an unorthodox well location and/or a non-standard proration unit in one or more of the producing zones, then separate application for approval of the same should be filed simultaneously with this application.

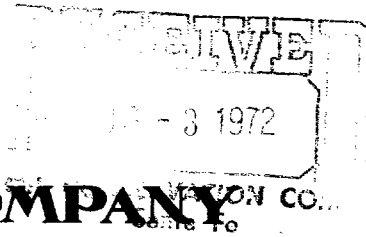
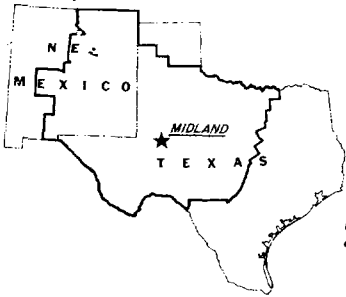
SKELLY OIL COMPANY
 Skelly Unit No. 114
 660 FNL & 660 FWL Sec. 14-17S-31E





SKELLY OIL COMPANY
 SKELLY UNIT
 EDDY COUNTY, NEW MEXICO
 TOWNSHIP 17-S, RANGE 31-E
 SCALE: 1"=2460'

- LEGEND
- GRAYBURG-SAN ANDRES OIL WELL
 - ⊙ DRY HOLE
 - ⊕ SKELLY UNIT
 - ⊙ PROPOSED WATER INJECTION WELL
 - WELLS TO BE DRILLED



SKELLY OIL COMPANY

July 24, 1972

EXPLORATION & PRODUCTION DEPARTMENT
WEST CENTRAL DISTRICT

ADDRESS REPLY TO:
P. O. BOX 1351
MIDLAND, TEXAS 79701

A. B. CARY, EXPLORATION & PRODUCTION MANAGER
V. E. BARTLETT, EXPLORATION MANAGER
C. J. LOVE, PRODUCTION MANAGER
J. R. AVENT, ADMINISTRATIVE COORDINATOR

Case 4808

File: Skelly Unit Well No. 114
Lease No. 73617

Re: Application for Administrative
Approval of a Dual Completion

New Mexico Oil Conservation Commission
State Land Office Building
P. O. Box 2088
Santa Fe, New Mexico 87501

Gentlemen:

In the matter of application of Skelly Oil Company seeking administrative approval to dual complete its Skelly Unit Well No. 114 located in unit D of Section 14-17S-31E in the Fren Seven Rivers Pool and the Grayburg-Jackson San Andres Pool, Eddy County, New Mexico, and in support thereof does state:

- A. Skelly Oil Company is the sole owner of oil and gas lease consisting all Sec. 11, all Sec. 14, all Sec. 15, all Sec. 21, all Sec. 22, all Sec. 23, all Sec. 26, all Sec. 27, all Sec. 28, and all Sec. 33, Township 17South, Range 31East, N.M.P.M., Eddy, County, New Mexico.
- B. That Skelly Unit Well No. 114 is located 660 FNL and 660 FWL of Section 14-17S-R31E.
- C. That the applicant has prior duals on lease (Wells No. 3 and 11). Applicant does plan to dual complete subject Well No. 114 in the following manner.
 1. Set Baker Model "D" packer at 3,300' to segregate the two zones.
 2. Perforate 5-1/2" Csg. in the Seven Rivers section between 2289 and 2468', also perforated Grayburg-San Andres section between 3373 to 3772'.
 3. Produce by pumping Seven Rivers oil from the upper zone and injecting water into the Grayburg-San Andres thru parallel

strings of tubing; injection side will be internally coated for protection.

- D. 1. Diagrammatic sketch of the proposed multiple completion showing all down hole conditions.
2. Plat showing location of all wells on applicant's lease also offset wells on offset leases.
3. That all offset operators are hereby notified by a copy of this application.
4. Electric log of subject well with all tops and bottoms of producing zones and intervals of perforations.
5. All of above submitted complete and accurate to the best of our knowledge.

Therefore, applicant prays that Secretary of the Commission grant permission to dual complete the above well in the interest of conservation and protection of correlative rights.

Respectfully submitted,
SKELLY OIL COMPANY



C. J. Love
District Production Manager

HED/rc

Attachments:

Lease Plat
Area Map
Down Hole Schematic
Section of Electric-Log
C-107 Application for Dual

COPIES TO:

Atlantic Richfield, P. O. Box 1610, Midland, Texas 79701
Getty Oil Company, P. O. Box 1231, Midland, Texas 79701
Hanagan & Hanagan, P. O. Box 1737, Roswell, New Mexico 88201
William A. & Edward R. Hudson, 1510 1st Nat'l Bank Bldg., Ft. Worth, Texas 76100
Kersey and Company, 808 West Grand, Artesia, New Mexico 88210
Murchison & Closuit % Mr. Ernest Closuit, 1019 Ft. Worth Nat'l Bank Bldg.
Ft. Worth 2, Texas 76100
State Land Office, P. O. Box 2088, Santa Fe, New Mexico 87501
New Mexico Oil Conservation Commission, Drawer DD, Artesia, New Mexico 88201
United States Geological Survey, P. O. Drawer "U", Artesia, New Mexico 88201

DRAFT

GMH/dr

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 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.

BRIEF EXAMINATION OF OIL CONSERVATION

4808

Shelly

D-10 10-4-72



Martin Water Laboratories

P. O. BOX 1468 PHONE 943-3234
MONAHAN, TEXAS 79756

406 W. ILLINOIS PHONE 683-4521
MIDLAND, TEXAS 79701

RESULT OF WATER ANALYSES

TO: Mr. D. R. Parkhurst LABORATORY NO. 77161
P. O. Box 730, Hobbs, New Mexico SAMPLE RECEIVED 7-7-71
RESULTS REPORTED 7-19-71

COMPANY Skelly Oil Company LEASE Skelly Unit - Plant #1
FIELD OR POOL Grayburg Jackson
SECTION BLOCK SURVEY COUNTY Eddy STATE N. M.

SOURCE OF SAMPLE AND DATE TAKEN:

- NO. 1 Raw water - taken from raw water line. 7-7-71
NO. 2 Treated water - taken from injection pump discharge. 7-7-71
NO. 3 Injection water - taken from input #30. 7-7-71
NO. 4

REMARKS: Supply Water System

CHEMICAL AND PHYSICAL PROPERTIES				
	NO. 1	NO. 2	NO. 3	NO. 4
Specific Gravity at 60° F.	1.0016	1.0019	1.0018	
pH When Sampled	6.5	6.3	6.3	
pH When Received	6.2	6.2	6.25	
Bicarbonate as HCO ₃	122	127	132	
Supersaturation as CaCO ₃	-	-	-	
Undersaturation as CaCO ₃	88	76	76	
Total Hardness as CaCO ₃	172	172	180	
Calcium as Ca	54	54	56	
Magnesium as Mg	9	9	10	
Sodium and/or Potassium	53	50	48	
Sulfate as SO ₄	119	112	112	
Chloride as Cl	46	42	42	
Iron as Fe	0.33	0.37	0.26	
Barium as Ba	0	0	0	
Turbidity, Electric	0.64	1.3	0.0	
Color as Pt	2	0	0	
Total Solids, Calculated	403	394	400	
Temperature °F.	74	82	84	
Carbon Dioxide, Calculated	63	104	108	
Dissolved Oxygen, Winkler	0.0	0.0	0.0	
Hydrogen Sulfide	0.0	0.0	0.0	
Resistivity, ohms/m at 77° F.	18.50	18.55	18.50	
Suspended Oil				
Filtrable Solids as mg/l	0.34	0.52	0.78	
Volume Filtered, ml	10,000	10,000	10,000	

Results Reported As Milligrams Per Liter

Additional Determinations And Remarks Letter of recommendation attached.
BEFORE EXAMINER UTZ
CONSERVATION COMMISSION
EXHIBIT NO. 4
NO. 4808
by Skelly
Date 10-4-72

Form No. 3

By Waylen C. Martin, M. A.

Waylen C. Martin, M. A.

[illegible]

10

I HEREBY CERTIFY THAT THE INFORMATION GIVEN IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

100-20-36

(DATE)

(SIGNATURE)

EXHIBIT 5

NEW MEXICO OIL CONSERVATION COMMISSION

BOX 2008 SANTA FE, NEW MEXICO

OPERATOR'S MONTHLY REPORT

SKELLY OIL COMPANY

WELLS P. O. BOX 1351, MIDLAND, TEXAS

FOR MONTH

APR 1972

Page 38

WELL NO. UNIT SEC. TWP. RND.	LEASE NAME (UNOFFICIAL)	LEASE NO. AND STATE LAND LEASE NUMBER OR FEDERAL LEASE NUMBER	TOTAL LIQUIDS PRODUCED			GAS PRODUCED ACF	DAYS PROD.	DISPOSITION OF GAS				DISPOSITION OF OIL						
			MONTHLY OIL ALLOWABLE	ACTUAL BARRELS PRODUCED	BARRELS OF WATER PRODUCED			VENTED	USED ON LEASE	SOLD	PURCH.	OTHER	C O D E	OIL ON HAND BEG. OF MONTH	BARRELS TO TRANS-PORTED	OTHER	C O D E	TRANS-PORTED
Grayburg Jackson - Hddy - (Continued)																		
Skelly Unit No. 1 - Section 276 (Continued)																		
95 H 28 17 31	I			Water Injection Well														
96 F 27 17 31	I			Water Injection Well														
97 G 27 17 31	P	210	150	1350	108	30	720											
98 J 28 17 31	I			Water Injection Well														
99 K 28 17 31	T			Temporarily Abandoned														
100 L 28 17 31	I			Water Injection Well														
101 E 22 17 31	P	90	23	0	0	21	-0-											
102 B 14 17 31	P	180	90	60	11	30	122											
103 C 14 17 31	P	210	111	215	18	30	162											
104 E 14 17 31	P	150	60	42	9	30	150											
105 F 14 17 31	I			Water Injection Well														
106 C 15 17 31	P	210	153	0	480	30	3137											
Totals this page		1050	587	1667	626													

"OTHER" GAS DISPOSITION CODE
 A - USED OFF LEASE
 B - USED FOR DRILLING
 C - GAS LIFT
 D - GAS LIFT
 E - LOST IN GULF ESTIMATED
 F - EXPLANATION ATTACHED
 G - REPRESENTING OR PASSAGE MAINTENANCE

"OTHER" OIL DISPOSITION CODE
 C - CIRCULATING OIL
 D - LOST
 E - EXPLANATION ATTACHED

I HEREBY CERTIFY THAT THE INFORMATION GIVEN IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

District Administrative Coordinator
 MAY 24 1972

Submitted in Lieu of Form No. 9-329

EXHIBIT 5

NEW MEXICO OIL CONSERVATION COMMISSION

BOX 2068 SANTA FE, NEW MEXICO

OPERATOR'S MONTHLY REPORT

SKELLY OIL COMPANY

U.S. P. O. BOX 1351, MIDLAND, TEXAS

FOR MONTH

APR 1972

STATE OF NEW MEXICO
SUBMIT ORIGINAL TO DISTRICT ADMINISTRATOR
ONE COPY TO DISTRICT CLERK
ONE COPY TO DISTRICT ATTORNEY

WELL NO. UNIT SEC. TWP. RND.	LEASE NAME AND STATE LAND LEASE NUMBER OR FEDERAL LEASE NUMBER	STATUS	TOTAL LIQUIDS PRODUCED				GAS PRODUCED ACF	DAYS PROD.	DISPOSITION OF GAS					DISPOSITION OF LIQUIDS				
			MONTHLY OIL ALLOWABLE	ACTUAL BARRELS PRODUCED	BARRELS OF WATER PRODUCED				VENTED	USED ON LEASE	SOLD	PURCH.	OTHER	C O D E	ON OR HAND BEG. OF MONTH	BARRELS TO TRANS. PORTER	OTHER	C O D E
Grayburg Jackson Skelly Unit No. 1 - Section 276 (Continued)																		
95 H 28 17 31		I			Water Injection Well													
96 F 27 17 31		I			Water Injection Well													
97 G 27 17 31		P	210	150	1350	108	30	720										
98 J 28 17 31		I			Water Injection Well													
99 K 23 17 31		T			Temporarily Abandoned													
100 L 28 17 31		I			Water Injection Well													
101 E 22 17 31		P	90	23	0	0	21	-0-										
102 B 14 17 31		P	180	90	60	11	30	122										
103 C 14 17 31		P	210	111	215	18	30	162										
104 E 14 17 31		P	150	60	42	9	30	150										
105 F 14 17 31		I			Water Injection Well													
106 C 15 17 31		P	210	153	0	480	30	3137										
Totals this page			1050	587	1667	626												

OTHER GAS DISPOSITION CODE

OTHER OIL DISPOSITION CODE

I HEREBY CERTIFY THAT THE INFORMATION GIVEN IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

LEASE STATUS
A - USED OFF LEASE
B - USED FOR DRILLING
C - GAS LIFT
D - LOST (WCF ESTIMATED)
E - EXPLANATION ATTACHED
F - TEMPORARILY ABANDONED
G - EXPLANATION ATTACHED
H - REPAIRING OR PRESSURE MAINTENANCE

OTHER OIL DISPOSITION CODE
C - CIRCULATING OIL
L - LOST
S - IDENTIFICATION (SEE P)
E - EXPLANATION ATTACHED

Submitted in Lieu of Form No. 9-329

[Signature]
District Administrative Coordinator
MAY 24 1972

EXHIBIT 5

NEW MEXICO OIL CONSERVATION COMMISSION

BOX 2068 SANTA FE, NEW MEXICO

OPERATOR'S MONTHLY REPORT

Shelly Oil Company

8

P. O. Box 1351, Midland, Texas

APR 1972

STATE OF NEW MEXICO
DEPARTMENT OF REVENUE
DIVISION OF OIL AND GAS
OFFICE OF THE COMMISSIONER
SANTA FE, NEW MEXICO

LEASE UNIT SEC. TWP. RND.	LEASE NAME (UNDERLINE)	LEASE AND STATE LAND LEASE NUMBER OR FEDERAL LEASE NUMBER	TOTAL LIQUIDS PRODUCED			GAS PRODUCED ACF	DAYS PROD.	DISPOSITION OF GAS					DISPOSITION OF OIL					
			MONTHLY OIL ALLOWABLE	ACTUAL BARRELS PRODUCED	BARRELS OF WATER PRODUCED			VENTED	USED ON LEASE	SOLD	PURCH.	OTHER	C O D E	OIL ON HAND BEG. OF MONTH	BARRELS TO TRANS. PORTER	OTHER	C O D E	TRANS. HAND. END OF MONTH
ayburg-Jackson - Eddy (Continued)																		
214 Unit No. 1 -	Section 276 (Continued)																	
E 27 17 31	P	810	513	56	612	30	1193											
3 A 15 17 31	P	600	554	831	2011	30	8630											
9 F 15 17 31	P	1620	1138	558	942	30	728											
0 G 14 17 31	P	1550	482	24	377	30	784											
1 I 14 17 31	P	510	308	9	1802	30	5551											
2 A 14 17 31	P	1050	120	13	994	30	8283											
3 H 14 17 31	P	1050	120	13	852	30	7100											
4 D 14 17 31	P	150	121	7	1230	79												
Total this Page			7470	3356	1511	7602												
Page Total		47760	33040	24263	14452													

OTHER GAS DISPOSITION CODE
 X - USED OFF LEASE
 D - USED FOR DRILLING
 C - GAS LIFT
 L - LOST (WATER ESTIMATED)
 C - EXPLANATION ATTACHED
 R - REPAIRING OR PRESSURE MAINTENANCE

OTHER OIL DISPOSITION CODE
 C - CIRCULATING OIL
 L - LOST
 S - SEDIMENTATION (LOSS)
 E - EXPLANATION ATTACHED

I HEREBY CERTIFY THAT THE INFORMATION GIVEN IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

Q. E. E. E. E.
 Lead Clerk

MAY 24 1972

EXHIBIT 6

NEW MEXICO OIL CONSERVATION COMMISSION

BOX 2038 SANTA FE, NEW MEXICO

OPERATOR'S MONTHLY REPORT

PROPERTY OF

DATE

P. O. BOX 1351 MIDLAND, TEXAS

FOR MONTH

APR 1972

WELL NO. UNIT SEC. TWP. AND RANGE	FEDERAL LEASE NO. OR FEDERAL LEASE NUMBER	TOTAL LIQUIDS PRODUCED			GAS PRODUCED MCF	DAYS PROD.	DISPOSITION OF GAS					DISPOSITION OF OIL			
		MONTHLY OIL ALLOWABLE	ACTUAL BARELS PRODUCED	BARELS OF WATER PRODUCED			VENTED	USED ON LEASE	SOLO	PURCH.	OTHER	OIL ON HAND, END OF MONTH	BARRELS TO TRANS. PORTER	OTHER	TRANS. PORTER
Kelly Unit No. 1	Section 216														
D 22 17 31	P	680	117	21	0	30	-0-								
I 1 21 17 31	P	210	151	17	118	30	781								
7 B 15 17 31	P	1080	1045	52	6	30	6								
8 D 15 17 31	P	180	123	0	7	30	57								
9 F 15 17 31	I		Water	Injection Well											
0 G 15 17 31	P	1470	1445	87	27	30	19								
1 H 15 17 31	I		Water	Injection Well											
2 J 14 17 31	I		Water	Injection Well											
3 K 14 17 31	P	460	358	86	41	30	133								
4 L 14 17 31	I		Water	Injection Well											
5 T 15 17 31	P	150	92	2	7	30	76								
6 J 15 17 31	I		Water	Injection Well											
Totals this page		4260	3281	265	206										

"OTHER" GAS DISPOSITION CODE

X - - - - USED OFF LEASE
O - - - - USED FOR DRILLING
C - - - - GAS LIFT
L - - - - GAS LIFT
E - - - - EXPLANATION ATTACHED
R - - - - REPRESSURING OR PRESSURE MAINTENANCE

"OTHER" OIL DISPOSITION CODE

C - - - - CIRCULATING OIL
L - - - - LOST
S - - - - SEDIMENTATION (LEAK)
E - - - - EXPLANATION ATTACHED

I HEREBY CERTIFY THAT THE INFORMATION GIVEN IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

Submitted in lieu of Form No. 9-329

District Administrative Coordinator

MAY 24 1972

EXHIBIT 5

STATEWIDE FORGIVENESS REV. 10-1
SUBMIT ORIGINAL TO: SANTA CRUZ
ONE COPY TO SOC OFFICE

2

I HEREBY CERTIFY THAT THE INFORMATION GIVEN IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

DATE

POSITIONAL

EXHIBIT 5

FOX 2063 SMTL. INC., NEW MEXICO

P. O. Box 1351, Midland, Texas

1971 46. 100

De: [REDACTED]

STATE OF TEXAS CIVIL SERVICE COMMISSION
SUBMIT ORIGINAL TO CCC LAMAR #1
ONE COPY TO CCC GRIFFIN
ONE COPY TO TRANSPORTATION

P. O. Box 1351, Midland, Texas

FOR MONTH

1971 46. 100

De: [REDACTED]

I HEREBY CERTIFY THAT THE INFORMATION GIVEN IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

I HEREBY CERTIFY THAT THE INFORMATION GIVEN IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

JUN 21 1971

District Administrative Coordinator

SECRET

6471

Submitted in lieu of Form No. 9-329

APPLICATION FOR MULTIPLE COMPLETION

Operator Skelly Oil Company		County Eddy	Date 7/24/72
Address P. O. Box 1351, Midland, Texas 79701		Lease Skelly Unit	Well No. 31E
Location of Well	Unit	Section	Township
			Range

1. Has the New Mexico Oil Conservation Commission heretofore authorized the multiple completion of a well in these same pools or in the same zones within one mile of the subject well? YES ☒ NO ☐

2. If answer is yes, identify one such instance: Order No. **R-2406** Also **MC-1287**; Operator Lease, and Well No.: **Skelly Unit Well No. 3 and Skelly Unit Well No. 11**

3. The following facts are submitted:	Upper Zone	Intermediate Zone	Lower Zone
a. Name of Pool and Formation	Fren Seven Rivers		Grayburg-San Andres
b. Top and Bottom of Pay Section (Perforations)	2289' to 2468'		3373' to 3772'
c. Type of production (Oil or Gas)	Oil		Oil
d. Method of Production (Flowing or Artificial Lift)	Art-Lift		Art-Lift

4. The following are attached. (Please check YES or NO)

Yes	No	
☒	☐	a. Diagrammatic Sketch of the Multiple Completion, showing all casing strings, including diameters and setting depths, centralizers and/or turbolizers and location thereof, quantities used and top of cement, perforated intervals, tubing strings, including diameters and setting depth, location and type of packers and side door chokes, and such other information as may be pertinent.
☒	☐	b. Plat showing the location of all wells on applicant's lease, all offset wells on offset leases, and the names and addresses of operators of all leases offsetting applicant's lease.
☐	☒	c. Waivers consenting to such multiple completion from each offset operator, or in lieu thereof, evidence that said offset operators have been furnished copies of the application.*
☒	☐	d. Electrical log of the well or other acceptable log with tops and bottoms of producing zones and intervals of perforation indicated thereon. (If such log is not available at the time application is filed it shall be submitted as provided by Rule 112-A.)

5. List all offset operators to the lease on which this well is located together with their correct mailing address.

Atlantic-Richfield, Box 1610, Midland, Texas 79701

Getty Oil Company, Box 1231, Midland, Texas 79701

Hanagan Oil Company, Box 1737, Roswell, New Mexico 88201

Hudson and Hudson 1510 1st. Nat'l Bank Bldg., Ft. Worth, Texas 76100

Kersey and Company, 808 West Grand, Artesia, New Mexico 88210

Murchison and Closuit, 1019 Fort Worth Nat'l Bank Bldg., Fort Worth 2, Texas 76100

6. Were all operators listed in Item 5 above notified and furnished a copy of this application? YES ☒ NO ☐. If answer is yes, give date of such notification **July 24, 1972**.

CERTIFICATE: I, the undersigned, state that I am the **Manager** of the **Production** **Skelly Oil Company** (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

Mr. C. J. Love

Signature

*Should waivers from all offset operators not accompany an application for administrative approval, the New Mexico Oil Conservation Commission will hold the application for a period of twenty (20) days from date of receipt by the Commission's Santa Fe office. If, after said twenty-day period, no protest nor request for hearing is received by the Santa Fe office, the application will then be processed.

NOTE: If the proposed multiple completion will result in an unorthodox well location and/or a non-standard perforation unit in one or more of the producing zones, then separate application for approval of the same should be filed simultaneously with this application.

ENCLOSURE

NEW MEXICO OIL CONSERVATION COMMISSION
BOX 2088 SANTA FE, NEW MEXICO
OPERATOR'S MONTHLY REPORT

Company or Operator: SKELLY OIL COMPANY Address: P. O. Box 1351 Midland, Texas For Month: June 1974 Page: 28

WELL NO. UNIT SEC. TWP. RND.	WELL STATUS	TOTAL LIQUIDS PRODUCED			GAS PRODUCED ACF	DAYS PROD.	DISPOSITION OF GAS					DISPOSITION OF OIL					
		MONTHLY OIL ALLOWABLE	ACTUAL BARRELS PRODUCED	BARRELS OF WATER PRODUCED			VENTED	USED ON LEASE	SOLD	PURCH.	OTHER	C O D E	OIL ON HAND BEG. OF MONTH	BARRELS TO TRANS. PORTER	OTHER	C O D E	TRANS. PORTER
Fren - Eddy - (Continued)																	
Skelly Unit - No. 1 Section 276 - (Continued)																	
13 K 21 17 31	P	150	92	0	105	30											
14 L 21 17 31	P	150	61	0	104	30											
15 M 21 17 31	P	150	92	0	105	30											
16 N 21 17 31	P	150	92	0	105	30											
14 D 14 17 31	P	0	8	18	60	3	60 - FIRST REPORT - Testing well.										
Total this page		600	345	18	479										*0	*0	*8
Pool Total		1920	1297	96	1997		60		1937	CON				580	1282	580	580
** TO add well No 114 to this report.																	
* Test Tank Company Well No. 1																	
Exhibit No. 7																	

Exhibit No. 7

4808
Skelly
10-4572

STATUS CODE: F - FLOWING, P - PLUGGED, G - GAS LIFT, S - SHUT IN, T - TEMP ABANDONED, I - INJECTION. OTHER GAS DISPOSITION CODE: A - USED OFF LEASE, D - USED FOR DRILLING, L - GAS LIFT, C - GAS LIFT, E - EXPLANATION ATTACHED, R - REPRESSURING OR PRESSURE MAINTENANCE. OTHER OIL DISPOSITION CODE: C - CIRCULATING OIL, L - LOST, S - SEDIMENTATION (LOSS), E - EXPLANATION ATTACHED.

I HEREBY CERTIFY THAT THE INFORMATION GIVEN IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.
District Administrative Coordinator
9-25-74
Submitted in Lieu of Form No. 9-329

Collected Report

NEW MEXICO OIL CONSERVATION COMMISSION
 BOX 2088 SANTA FE, NEW MEXICO
 OPERATOR'S MONTHLY REPORT

Company of SKELLY OIL COMPANY (Address) P. O. Box 1351 Midland, Texas FOR MONTH July 1972 Page 28

WELL NO. UNIT SEC. TWP. RND.	WELL STATUS	TOTAL LIQUIDS PRODUCED			GAS PRODUCED MCF	DAYS PROD.	DISPOSITION OF GAS					DISPOSITION OF OIL				
		MONTHLY OIL ALLOWABLE	ACTUAL BARELS PRODUCED	BARELS OF WATER PRODUCED			VENTED	USED ON LEASE	SOLD	PURCH.	OTHER	C O D E	OIL ON HAND BEG. OF MONTH	BARELS TO TRANS. PORTER	OTHER	C O D E
LEASE NAME AND STATE LAND LEASE NUMBER OR FEDERAL LEASE NUMBER																
Fren - Eddy - (Continued)																
Skelly Unit - No. 1 Section 276 - (Continued)																
13 K 21 17 31	P	155	92	0	101	31										
14 L 21 17 31	P	155	61	0	102	31										
15 M 21 17 31	P	155	92	0	101	31										
16 N 21 17 31	P	155	92	0	102	31										
114 D 14 17 31	P	0	47	48	160	8	160 - Testing well									
Total this page		620	384	48	566											
Pool Total		2201	1288	126	2045		160		1885	CON						
** To add well no. 114 to the report.																
* Test Tank serving well no. 124,																
* 55																

** To add well no. 114 to the report.

* Test Tank serving well no. 124.

STATUS CODE
 F - FLOWING
 P - PLUMPING
 G - GAS LIFT
 S - SHUT IN
 I - TEMP ABANDONED
 L - LOST
 E - EXPLANATION ATTACHED
 R - REPRESSURING OR PRESSURE MAINTENANCE

OTHER GAS DISPOSITION CODE
 X - USED OFF LEASE
 D - USED FOR DRILLING
 C - GAS LIFT
 L - LOST
 E - EXPLANATION ATTACHED
 R - REPRESSURING OR PRESSURE MAINTENANCE

OTHER OIL DISPOSITION CODE
 C - CIRCULATING OIL
 L - LOST
 E - EXPLANATION ATTACHED
 R - REPRESSURING OR PRESSURE MAINTENANCE

I HEREBY CERTIFY THAT THE INFORMATION GIVEN IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

[Signature]
 District Administrative Coordinator
 (POSITION)

9-25-72
 (DATE)

Submitted in Lieu of Form No. 9-329

NEW MEXICO OIL CONSERVATION COMMISSION

BOX 2038 SANTA FE, NEW MEXICO

OPERATOR'S MONTHLY REPORT

Company of SKELLY OIL COMPANY (Address) P. O. Box 1351 Midland, Texas FOR MONTH Aug 1972 Page 28

WELL NO. UNIT SEC. TWP. RND.	WELL STATUS	TOTAL LIQUIDS PRODUCED			GAS PRODUCED MCF	DAYS PROD.	DISPOSITION OF GAS					DISPOSITION OF OIL				
		MONTHLY OIL ALLOWABLE	ACTUAL BARRELS PRODUCED	BARRELS OF WATER PRODUCED			VENTED	USED ON LEASE	SOLD	PURCH.	OTHER	C O D E	OIL ON HAND BEG. OF MONTH	BARRELS TO TRANS. PORTER	OTHER	C O D E
Fren - Eddy - (Continued)																
Skelly Unit - No. 1 Section 276 - (Continued)																
13 K 21 17 31	P	155	91	0	107	31										
14 L 21 17 31	P	155	61	0	106	31										
15 M 21 17 31	P	155	91	0	107	31										
16 N 21 17 31	P	155	91	0	107	31										
14 D 14 17 31	P	0	14	36	120	6	120	- Testing well - shut down								
Total this page		620	348	36	427											
Pool Total		2201	1260	96	2063		120		1943	CON		332	1496			TNM
* Test Tank Sealing well No. 214																
* 55 * 0 * 69																

STATUS CODE
 F - FLOWING
 P - PLUGGED
 C - CEMENTED
 S - SHUT IN
 A - ABANDONED
 I - INJECTION

OTHER GAS DISPOSITION CODE
 X - USED OFF LEASE
 D - USED FOR DRILLING
 C - GAS LIFT
 L - LOST (MCF ESTIMATED)
 E - EXPLANATION ATTACHED
 R - REPRESSURING OR PRESSURE MAINTENANCE

OTHER OIL DISPOSITION CODE
 C - CIRCULATING OIL
 L - LOST
 E - EXPLANATION ATTACHED

I HEREBY CERTIFY THAT THE INFORMATION GIVEN IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

[Signature]
 District Administrative Coordinator

SEP 22 1972
 (DATE)

Submitted in lieu of Form No. 9-329

