



CONTINENTAL OIL COMPANY

P. O. Box 460

HOBBS, NEW MEXICO 88240

PRODUCTION DEPARTMENT
HOBBS DIVISION
L. P. THOMPSON
Division Manager
G. C. JAMIESON
Assistant Division Manager

September 1, 1967

272 1001 NORTH TURNER
TELEPHONE 393-4141

✓ New Mexico Oil Conservation Commission
P. O. Box 2088
Santa Fe, New Mexico

Attention of Mr. A. L. Porter, Jr., Secretary-Director

1967 SEP 5 11 0 11

Re: Application for Authority to
Inject Water into SEMU Well No.
49-E-20-20-38, Lea County, New
Mexico

Gentlemen:

Forwarded herewith is our application for permission to inject water into our SEMU Well No. 49. Copies of this application are being furnished to the offset operators and the State Engineer by certified mail.

Your further handling and approval of this application will be sincerely appreciated.

Yours very truly,

GCJ -JS

cc RLA GW JWK
State Engineer (Certified)
Capitol Building
Santa Fe, New Mexico

Amerada Petroleum Corporation (Certified)
P. O. Box 668
Hobbs, New Mexico

C O N T I N E N T A L O I L C O M P A N Y

P. O. Box 460
Hobbs, New Mexico
September 1, 1967

✓ New Mexico Oil Conservation Commission (3)
P. O. Box 2088
Santa Fe, New Mexico

Attention of Mr. A. L. Porter, Jr., Secretary-Director

Re: Application of Continental Oil
Company for Authority to Inject
Water into SEMU Well No. 49 in
Section 20, Township 20 South,
Range 38 East, Lea County, New
Mexico

Gentlemen:

Order No. R-1710 authorized a pilot waterflood in the Skaggs Grayburg Pool within the Southeast Monument Unit. Order No. R-2940 authorized expansion of this waterflood project to full scale. Recently an injectivity test was conducted on SEMU No. 49, located 1980' FNL and 660' FWL, Section 20, T-20S, R-38E, Lea County, New Mexico. This well had been abandoned as nonproductive in the Skaggs Pool but the injectivity test indicated that the well is capable of receiving satisfactory quantities of water to make it useful for water injection in the Skaggs Grayburg Waterflood project.

Continental Oil Company hereby requests permission to inject water into said SEMU Well No. 49 and in support thereof the following exhibits are attached hereto.

1. A plat showing the location of SEMU No. 49 and all wells within a radius of two miles, the formation from which they produce, and the ownership thereof to the best of our knowledge and belief.
2. A log of the proposed injection well.

3. A diagrammatic sketch of the proposed injection well including casing setting depth, cement tops, producing intervals and proposed tubing and packer setting depths.
4. A C-116 showing substantial response in Well No. 39 located in Unit H-19-20-38, a direct offset well.

It is anticipated that 400 barrels of water per day will be injected into the well, said water being produced from the Cass Pennsylvania Pool.

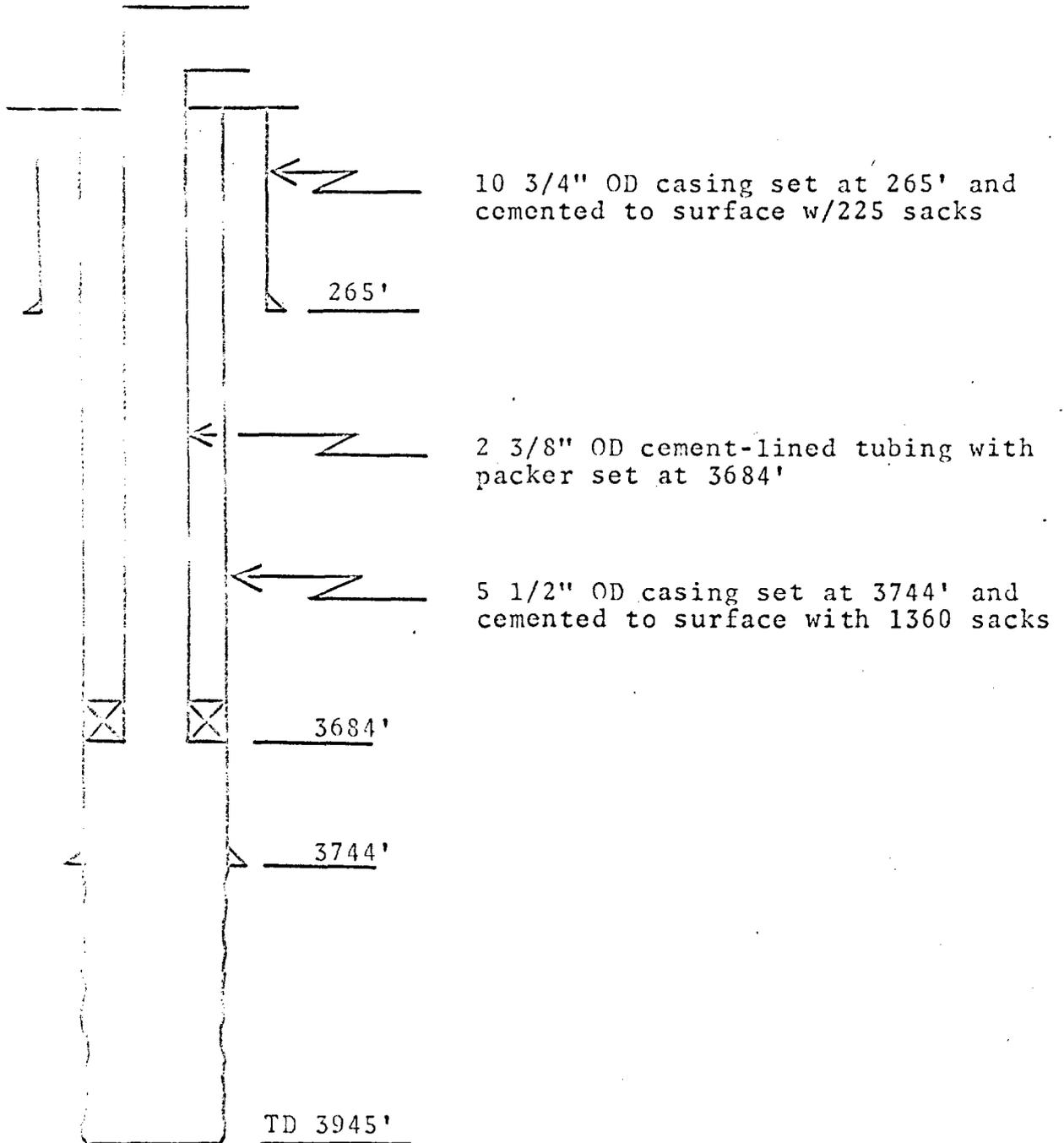
In view of the facts set out above, it is respectfully requested that the Commission authorize the injection of water into SEMU Well No. 49 as described above.

Respectfully submitted,



G. C. JAMIESON
Asst. Division Manager

WATER INJECTION WELL DATA
CONTINENTAL - SENO PERMIAN NO. 49
Elev. 3556' DF



Proposed Procedure

1. Tag bottom tally out. Clean out to TD 3945'.
2. Run tubing with packer to be set at 3684'.
3. Connect up well for injection down tubing.

NEW MEXICO OIL CONSERVATION COMMISSION
GAS - OIL RATIO TESTS

C-116
Revised 1-1-65

Operator		Pool				County		Completion				Special																	
Continental Oil Company		Skaggs				Lea		<input type="checkbox"/>				<input checked="" type="checkbox"/>																	
Address		WELL NO.		LOCATION		DATE OF TEST		TYPE OF TEST - (X)		DAILY ALLOWABLE		LENGTH OF TEST HOURS		GAS RATIO CU. FT.															
P. O. Box 460, Hobbs, New Mexico 88240		U S T R		DATE OF TEST		CHOKE SIZE		TBG. PRESS.		DAILY ALLOWABLE		LENGTH OF TEST HOURS		GAS RATIO CU. FT.															
LEASE NAME		WELL NO.		LOCATION		DATE OF TEST		CHOKE SIZE		DAILY ALLOWABLE		LENGTH OF TEST HOURS		GAS RATIO CU. FT.															
SEMU Permian		39 39		H H 19 19		20 20 38 38		5-18-67 7-30-67		F F		Open Open		None None		18 18		24 24		57 72		36.4 36.4		17 27		None None		None None	

No well will be assigned an allowable greater than the amount of oil produced on the official test.
 During gas-oil ratio test, each well shall be produced at a rate not exceeding the top unit allowable for the pool in which well is located by more than 25 percent. Operator is encouraged to take advantage of this 25 percent tolerance in order that well can be assigned increased allowables when authorized by the Commission.
 Gas volumes must be reported in MCF measured at a pressure base of 15,025 psia and a temperature of 60° F. Specific gravity base will be 0.60.
 Report casing pressure in lieu of tubing pressure for any well producing through casing.
 Mail original and one copy of this report to the district office of the New Mexico Oil Conservation Commission in accordance with Rule 301 of appropriate pool rules.

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

[Signature]
 SUPERVISOR
 (Title)
 9-1-67
 (Date)

GENERAL INVESTIGATION DIVISION
Form 3160-5 (June 1990)

RECEIVED

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

104 APR 18 AM 8 50

RECEIVED

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other <u>OO&GO #7 III.A</u>	5. Lease Designation and Serial No. <u>LC 031670A</u>
2. Name of Operator <u>Conoco Inc.</u>	6. If Indian, Allottee or Tribe Name
3. Address and Telephone No. <u>10 Desta Dr., Ste 100W, Midland, Tx 79705 (915) 6865438</u>	7. If Unit or CA. Agreement Designation
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) <u>SWSE 19, T-20S, R-38E</u>	8. Well Name and No. <u>SEMU Burger</u>
	9. API Well No.
	10. Field and Pool, or Exploratory Area <u>Skaggs, Drinkard, Blinebry</u>
	11. County or Parish, State <u>Lea</u>

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other <u>Reply to OO&GO #7 III.A</u>
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled: give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Water Producing Formation:	DHC: Skaggs, Drinkard, Blinebry
Amount of Water Produced:	19 BWPD
Current Water Analysis Attached:	Yes
How is Water Stored on Lease:	1000 Bbls Water Tank
How is Water Moved:	From seperator into Central Skaggs WF Water Tank and used for WF
Disposal Facility Operator:	Conoco Inc.
Disposal Facility Well Name/#:	Skaggs Central WF/ SEMU Permian Battery UL-K, S-19, T-20S, R-38E
NMOCD SWD Permit:	Waterflood Order #: WFX #272 and R-2940

14. I hereby certify that the foregoing is true and correct

Signed *Terri Statham* Title Terri Statham O & G Assistant Date 3/25/94

(This space for Federal or State office use)

Approved by Shannon J. Snow Title PETROLEUM ENGINEER Date 3/30/94

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statement or representations as to any matter within its jurisdiction.

LARGE FORMAT
EXHIBIT HAS
BEEN REMOVED
AND IS LOCATED
IN THE NEXT FILE