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

#### OIL CENTER-BLINEBRY POOL Lea County, New Mexico

Order No. R-2408, Adopting Temporary Operating Rules for the Oil Center-Blinebry Pool, Lea County, New Mexico, January 16, 1963, Made Permanent by Order No. R-2408-A, January 29, 1964.

Application of Continental Oil Company for establishment of Special Rules and Regulations for the Oil Center-Blinebry Pool, Lea County, New Mexico.

> CASE NO. 2727 Order No. R-2408

#### ORDER OF THE COMMISSION

BY THE COMMISSION: This cause came on for hearing at 9 o'clock a.m. on January 3, 1963, at Santa Fe, New Mexico, before Daniel S. Nutter, Examiner duly appointed by the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission", in accordance with Rule 1214 of the Commission Rules and Regulations.

NOW, on this 16th day of January, 1963, the Commission, a quorum being present, having considered the application, the evidence adduced, and the recommendations of the Examiner, Daniel S. Nutter, 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, Continental Oil Company, seeks the promulgation of Special Rules and Regulations for the Oil Center-Blinebry Pool in Township 21 South, Range 36 East, NMPM, Lea County, New Mexico, to provide for 80-acre spacing units and uniform well spacing in said pool.

(3) That the information presently available concerning the reservoir characteristics of the Oil Center-Blinebry Pool indicates that the pool can be efficiently and economically drained on 80-acre proration units.

(4) That the evidence concerning reservoir characteristics justifies the establishment of 80-acre proration units for a temporary one-year period.

(5) That all wells previously drilled in the Oil Center-Blinebry Pool will conform to a uniform spacing pattern and that continued development of the pool with uniform spacing of wells will result in a more efficient depletion of the reservoir, thereby preventing waste and protecting correlative rights.

(6) That during the one-year period in which this order will be in effect, all operators in the subject pool should gather all available information relative to drainage and recoverable reserves.

(7) That this case should be reopened at an examiner hearing in January, 1964, at which time the operators in the subject pool should be prepared to appear and show cause why the pool should not be developed on 40-acre proration units.

IT IS THEREFORE ORDERED:

(1) That Special Rules and Regulations for the Oil Center-Blinebry Pool are hereby promulgated as follows:

#### SPECIAL RULES AND REGULATIONS FOR THE OIL CENTER-BLINEBRY POOL

RULE 1. Each well completed or recompleted in the Oll Center-Blinebry Pool or in the Blinebry formation within one mile of the Oll Center-Blinebry Pool and not nearer to or within the limits of another designated Blinebry pool, shall be spaced, drilled, operated, and produced in accordance with the Special Rules and Regulations hereinafter set forth.

RULE 2. Each well shall be located on a standard unit containing 80 acres, more or less, consisting of two governmental quarter-quarter sections, or lots, joined by a common bordering side and lying within a single governmental quarter-section; or, in irregular sections, lying within a single governmental quartersection or within the northeast 160 acres or the northwest 160 acres of the irregular section.

RULE 3. The Secretary-Director may grant an exception to the requirements of Rule 2 without notice and hearing when an application has been filed for a non-standard unit. All operators offsetting the proposed non-standard unit shall be notified of the application by registered or certified mail, and the application shall state that such notice has been furnished. The Secretary-Director may approve the application if, after aperiod of 30 days, no offset operator has entered an objection to the formation of the unit. No non-standard unit containing less than 80 acres shall be enlarged to form a standard size unit except after notice and hearing.

RULE 4. (a) In Township 21 South, all wells on an 80-acre proration unit shall be located in either the NE/4 or SW/4 of a governmental quarter-section; or, in irregular governmental sections, on an odd-numbered lot.

(b) In Township 20 South, all wells on an 80-acre proration unit shall be located in either the NW/4 or SE/4 of a governmental quarter-section.

RULE 5. No well shall be located nearer than 330 feet to the boundary line of the quarter-quarter section or lot on which it is situated.

RULE 6. An 80-acre proration unit (79 through 81 acres) shall be assigned an 80-acre proportional factor of 2.33 for allowable purposes, effective February 1, 1963. The allowable assigned to any unit containing less than 79 or more than 81 acres shall bear the same ratio to a standard 80-acre allowable as the acreage in such unit bears to 80 acres. If a proration unit contains more than one well, the operator may produce the allowable assigned to the unit from the wells on the unit in any proportion.

(2) That this case shall be reopened at an examiner hearing in January, 1964, at which time the operators in the subject pool may appear and show cause why the Oil Center-Blinebry Pool should not be developed on 40-acre proration units.

(3) That any operator desiring to dedicate 80 acres to a well in the Oil Center-Blinebry Pool shall file a new Form C-128 showing thereon the acreage to be dedicated to the well and a Form C-116 for a re-test of said well at a daily rate not to exceed 105 barrels of oil per day with the Commission on or before January 31, 1963.

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

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

> Exhibit No. \_\_\_\_\_ Exxon Corporation Case No. 11665 Hrg. Date: December 5, 1996

#### OIL CENTER-BLINEBRY POOL (Gas-Oil Ratio) Lea County, New Mexico

Order No. R-3912, Adopting a Gas-Oil Ratio Rule for the Oil Center-Blinebry Pool, Lea County, New Mexico, March 1, 1970.

Application of Humble Oil & Refining Company for a Special Gas-Oil Ratio Limitation, Lea County, New Mexico.

> **CASE NO. 4276** Order No. R-3912

#### ORDER OF THE COMMISSION

BY THE COMMISSION: This cause came on for hearing at 9:30 a.m. on December 17, 1969, at Santa Fe, New Mexico, before Examiner Daniel S. Nutter.

NOW, on this 20th day of January, 1970, 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, Humble Oil & Refining Company, seeks an exception to Rule 506 of the Commission Rules and Regulations to provide for a limiting gas-oil ratio of 6000 cubic feet of gas per barrel of oil in the Oil Center-Blinebry Pool, Lea County, New Mexico.

(3) That the reservoir characteristics of the subject pool presently available indicate the establishment of a gas-oil ratio limitation of 6000 cubic feet of gas per barrel of oil would be excessive.

(4) That the reservoir characteristics of the subject pool presently available justify the establishment of a gas-oil ratio limitation of 4000 cubic feet of gas per barrel of oil.

(5) That in order to afford to the owner of each property in the Oil Center-Blinebry Pool the opportunity to produce his just and equitable share of the oil and gas in the subject pool and for this purpose to use his just and equitable share of the reservoir energy, a limiting gas-oil ratio of 4000 cubic feet of gas per barrel of oil should be established for the subject pool.

(6) That approval of the subject application will prevent waste and protect correlative rights, provided the flaring or venting of gas in the Oil Center-Blinebry Pool is prohibited.

(7) That in order to assure the protection of correlative rights, the operator of each well in the Oil Center-Blinebry Pool should file a new gas-oil ratio test with the Commission's Hobbs District Office on or before February 15, 1970.

IT IS THEREFORE ORDERED:

(1) That, effective March 1, 1970, the limiting gas-oil ratio in the Oil Center-Blinebry Pool, Lea County, New Mexico, shall be 4000 cubic feet of gas for each barrel of oil produced; that effective March 1, 1970, each proration unit in the Oil Center-Blinebry Pool shall produce only that volume of gas equivalent to 4000 multiplied by top unit oil allowable for the pool.

(2) That the operator of each well in the Oil Center-Blinebry Pool shall file a new gas-oil ratio test with the Commission's Hobbs District Office on or before February 15, 1970, and shall furnish a schedule of test dates to the Commission's Hobbs District Office in order that the tests may be witnessed.

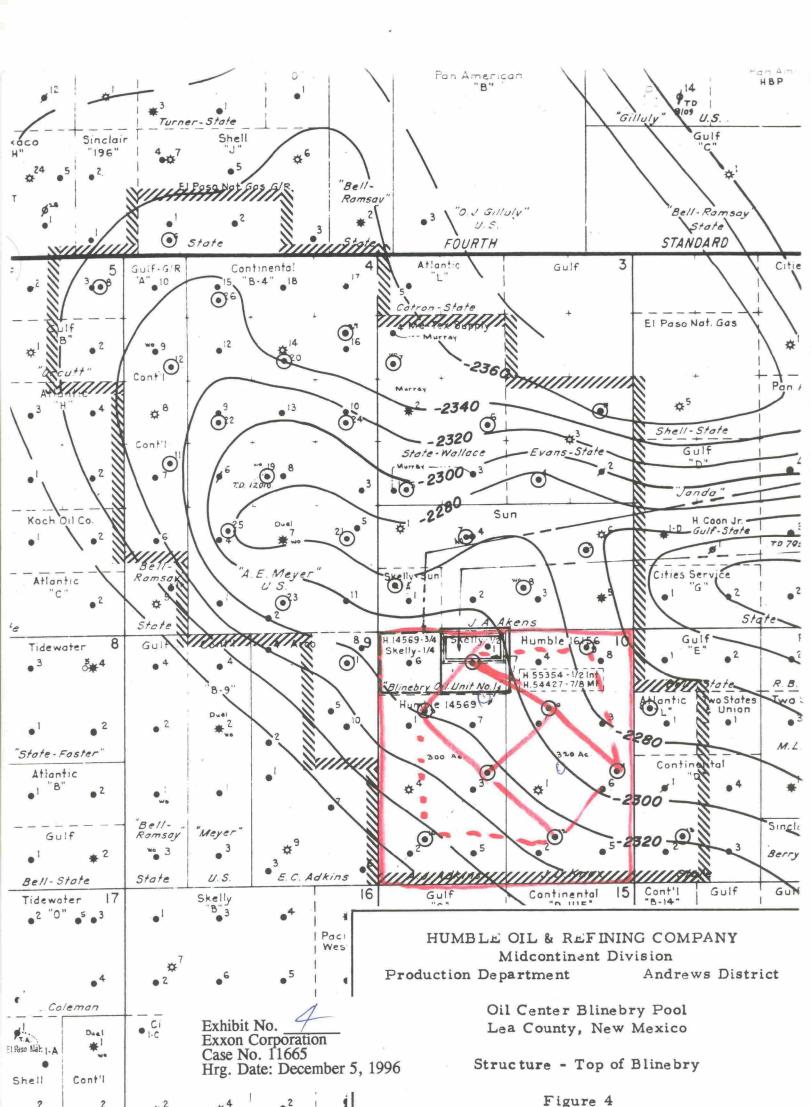
(3) That no gas shall be flared or vented in the Oil Center-Blinebry Pool more than 60 days after a well begins to produce or 60 days after the effective date of this order, whichever is or 50 days after the effective date of this order, whichever is later. Any operator desiring to obtain an exception to this provision shall submit to the Secretary-Director of the Com-mission an application for such exception with a statement setting forth the facts and circumstances justifying it. The Secretary-Director is hereby authorized to approve such an application if he determines that the exception is necessary to prevent waste. If the Secretary-Director declines to grant administrative approval of the requested exception, the matter shall be set for hearing if the operator so requests.

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

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

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Exhibit No. Exxon Corporation Case No. 11665 Hrg. Date: December 5, 1996



Reservoir Parameters

Depth	5900'
Permeability	2.5 m.d.
Avg. Porosity	7.2 <sup>d</sup>
Connate Water Sat.	30% Estimated
Avg. Effective Thickness	60'
Total Productive Area	Approx. 2700 Acres
Temperature	lol° F

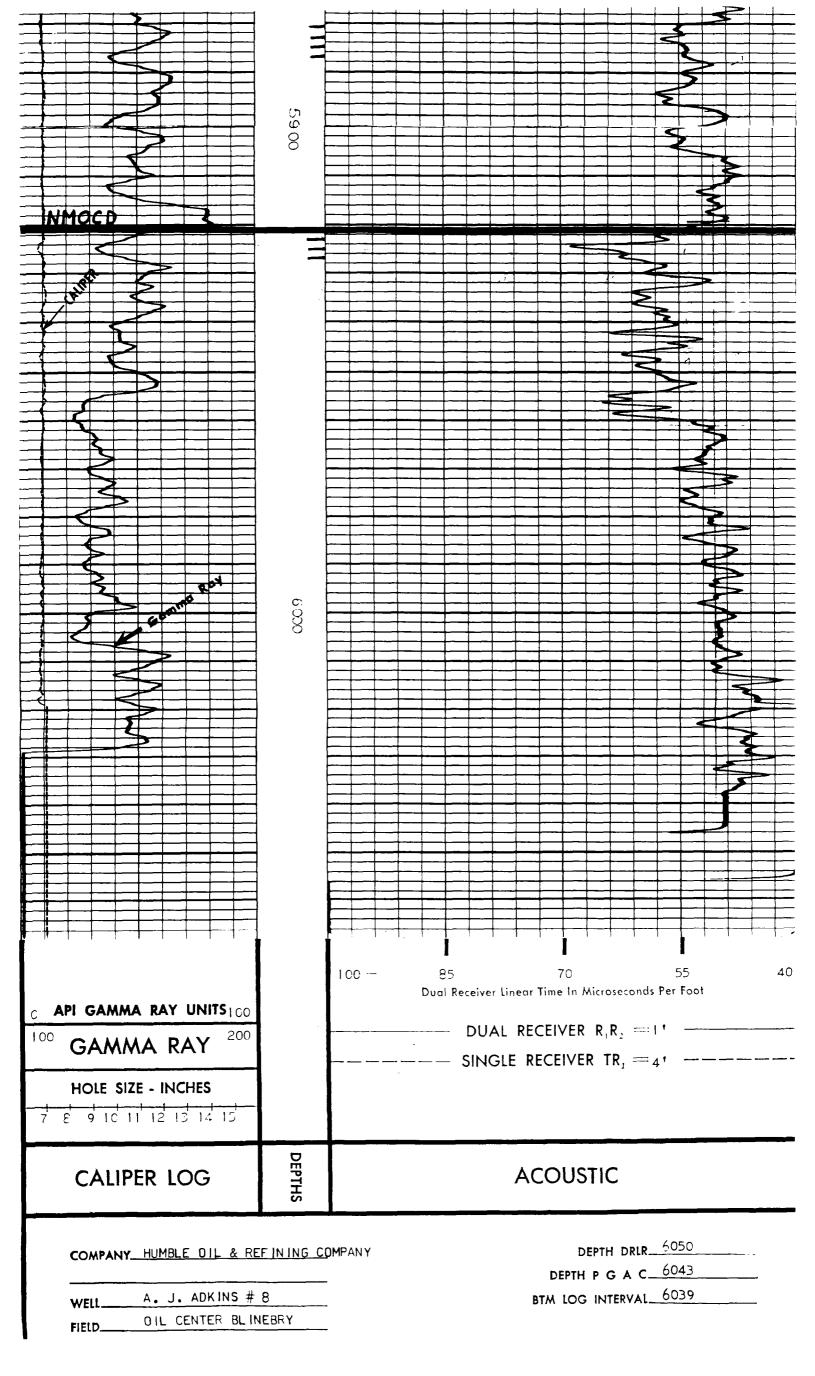
Fluid Parameters

	Bubble Point	<u> 1000 Psia</u>
Formation Vol. Factor (Res.bbl./STB) Viscosity GOR (SCF/bbl.STO) Sp. Gravity (°A.P.I.)	1.483 .38 981 44°*	1.295 .59 527

\*Residual oil 3 60° F.

Exhibit No. \_\_\_\_\_ Exxon Corporation Case No. 11665 Hrg. Date: December 5, 1996

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ENERGY	STATE OF NEW MEXICO AND MINERALS DEPARTMENT ION FOR AUTHORIZATION TO INJECT Purposes Secondary Recovery Prossure Haintenence Dimpsal Storage Application qualifies for administrative approval?
APPLICAT	ION FOR AUTHORIZATION TO INJECT
1.	Purpose: A Secondery Recovery A Pressure Haintenence Diamosal Storage Application qualifies for administrative approval? A yes and
11.	Aperator: Exxon Company, U.S.A.
	Address: P. O. Box 1600
	Cantact party: Selena Nunez Phane: (915) 688-7899
III.	Well data: Complete the data required on the reverse side of this form for each well proposed for injection. Additional sheets may be attached if necessary.
IV.	Is this an expansion of an existing project?  Yes X no If yes, give the Division order number authorizing the project
۷.	Attach a map that identifies all wells and lesses within two miles of any proposed injection well with a one-half mile radius circle drawn around each proposed injection well. This circle identifies the well's area of review.
VI.	Attach a tabulation of data on all wells of public record within the area of review which penetrate the proposed injection zone. Such data shall include a description of each well's type, construction, date drilled, location, depth, record of completion, and a scnematic of any plugged well illustrating all plugging detail.
VII.	Attach data on the proposed operation, including:
	<ol> <li>Proposed average and maximum daily rate and volume of fluids to be injected;</li> <li>Whether the system is open or closed;</li> <li>Proposed average and maximum injection pressure;</li> <li>Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than reinjected produced water; and</li> <li>If injection is for disposal purposes into a zone not productive of oil or gas at or within one mile of the proposed well, attach a chemical analysis of the disposal zone formation water (may be measured or inferred from existing literature, studies, nearby wells, etc.).</li> </ol>
VIII.	Attach appropriate geological date on the inj <del>ashion some</del> including appropriate lithologic detail, geological name, thickness, and depth. Give the geologic name, and depth to bottom of all underground sources of drinking water (aquifers containing waters with total dissolved solids concentrations of 10,000 mg/l or less) overlying the proposed injection zone as well as any such source known to be immediately underlying the injection interval.
I¥.	Describe the proposed stimulation program, if sny.
• X.	Attach appropriate logging and test data on the well. (If well logs have been filed with the Division they need not be resubmitted.)
• XI.	Attach a chemical analysis of fresh water from two or more fresh water wells (if avsiveble and producing) within one mile of any injection or disposal well snowing location of wells and dates samples were taken.
XII.	Applicants for discosal wells must make an affirmative statement that they have examined available geologic and angineering dirl and find no evidence of open faults or any other hydrologic connection between the disposal zone and any underground source of drinking water.
XIII.	Applicants must complete the "Proof of Natice" section on the reverse side of this form.
XIV-	Certification
	I hereby certify that the information submitted with this application is true and correct to the best of my knowledge and usilef. Name: <u>Selena Nunez</u> Signature: Selena NUNEZ Date: 11/12/96
submi of th	te information required under Sections VI. VIII. V. and XI above has been previously tted. it need not be duplicated and rr a earlier supmittal. TOUTION: Original and one cooy to bai TOUTION: Original and one cooy to bai
	Hrg. Date: December 5, 1996

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III. WELL DATA

A. The following well data must be submitted for each injection well covered by this application. The data must be both in tabular and schemmtic form and shall include:

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- (1) Lease name; Well No.; location by Section, Township, and Ronge; and Footage location within the section.
- (2) Each cosing string used with its size, setting depth, sacks of comment used, hole size, top of comment, and now such top was determined.
- (3) A description of the tubing to be used including its size, lining motorial, and setting depth.
- (4) The name, model, and setting depth of the packer used or a description of any other seal system or assembly used.

Division District offices have subplies of Well Data Sheets which may be used or which may be used na models for this purpose. Applicants for several identical wells may submit a "typical data sheet" rather than submitting the dats for each well.

- 8. The following must be submitted for each injection well covered by this application. All items must be addressed for the initial well. Responses for additional wells need be shown only when different. Information shown on schematics need not be repeated.
  - (1) The name of the injection formation and, if applicable, the field or pool name.
  - (2) The injection interval and whether it is perforated or open-hole.
  - (3) State if the well was drilled for injection or, if not, the original purpose of the well.
  - (4) Give the depths of any other perforated intervals and detail on the sacks of cament or bridge plugs used to seal off such perforations.
  - (5) Give the depth to and name of the next higher and next lower oil or gas zone in the area of the well, if any.
- XIV. PROOF OF NOTICE

All applicants must furnish proof that a copy of the application has been furnished, by certified or registered mail, to the owner of the surface of the land on which the well is to be located and to each lessehold operator within one-half mile of the well location.

Where an application is subject to administrative approval, a proof of publication sust be submitted. Such proof shell consist of a copy of the legal advertisement which was published in the county in which the well is located. The contents of such advertisement must include:

- (1) The name, address, phone number, and contact party for the applicant;
- (2) the intended purpose of the injection well; with the exact location of single wells or the section, township, and range location of multiple wells;
- (3) the formation name and depth with expected maximum injection rates and pressures; and
- (4) a notation that interested parties must file objections or requests for hearing with the Oil Conservation Division, P. D. Box 2086, Sente Fa, New Mexico 87501 within 15 days.

ND ACTION WILL BE TAKEN ON THE APPLICATION UNTIL PROPER PROOF OF NOTICE HAS BEEN SUBMITTED.

NOTICE: Surface owners or offset operators must file over jections or requests for hearing of administrative applications within 15 days for the fits this application was mailed to them. ł

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## SUPPLEMENT TO APPLICATION FOR AUTHORIZATION TO INJECT A. J. ADKINS #11

CARLE LIVE & SUG

## VII. Proposed Operations

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- During the first year of the project we intend to inject an average of 1600 BWPD (maximum 2500 BWPD) in order to reach fill-up quickly; the injection rate is anticipated to drop to an average of 1300 BWPD in the second year, 800 BWPD in the third, and 400 BWPD in the fourth and subsequent years. Total injection over the life of the project is estimated at 3500 KBW.
- 2. The planned injection system is a closed system.
- 3. Average injection pressure is expected to be approximately 800 psi, and maximum pressure will not exceed 1290 psi (0.2 psi/ft at a depth of 6000' to the bottom perforation).
- 4. In addition to re-injecting our produced water, we intend to use make-up water from Chevron's Eunice Monument South Unit waterflood. Water compatibility tests were performed to determine scaling tendencies between produced water from the Blinebry and the San Andres source (see attachment). Although the tests indicated a tendency for barite to precipitate, the amount will be very small. This minor precipitation, should it occur, can be remediated by standard acid stimulation techniques.
- 5. Not applicable.
- VIII. The reservoir into which water will be injected occurs in the Blinebry Formation, a Permian carbonate encountered at a depth of approximately 5800 feet on the subject lease. The Blinebry reservoir interval is approximately 200 feet in thickness, and is composed predominantly of dolomite with average porosities of 10-15% and average permeabilities of 1-10 md.

The only underground source of drinking water in the vicinity is the Ogalalla Formation, a Tertiary unit consisting of caliche, sand and gravel which extends from the surface to a depth of approximately 200'.

IX. The planned completion program for the injection well includes the perforating approximately 100 net feet, acidizing the perfs, and applying a small proppant fracture (~20K gallons of fluid and ~50K pounds of sand) for the purpose of stimulating the near-wellbore region. X. As the well has not yet been drilled no logs are available. We intend to run a basic suite of open-hole logs which will be forwarded to the state upon completion of the well. We will not conduct any production tests, as the sole purpose of the well is water injection.

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XI. Analyses are being obtained and will be submitted at the hearing.

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XII. There are no indications of open faults or other hydrological connections between the proposed injection interval and the shallower fresh water zones.

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_		Company, U.S.A.	A. J. Adi	kins		
	OPERATOR		LEASE			
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	N	B-L pr. ker ieta :750	Hole size7-			
			Total depth 62			ì
		Blinesry	Injection interval			
- 7/5"	Les -	# 5800 -		t ta 6000	feet	
	noie	(gross)	(perforated or open	t to <u>6000</u> -hole, indicate which)		
	$\overline{Z}$					) . eĈ
CV						5°C2 )
5/2	ر و <u>ب</u> ع	D 6200				
		D 67.00				0,0
						1160,0
						4 1
		ize 2-3/8 line	dwith Cemer	it	set in a	
		r-Lockset	(n	aterial)		
		(brand and model)	packa	r at5750'	feet	
		ribe eny other casing-tuble	g seal).			
	Other Da	<u>ta</u> • of the injection formation	Blinebry			
<b>.</b> .		e of Field or Pool (if appli		er Blinebry -	~	
		this a new well drilled for				
	lf n	na, for what purpose was the	well originally dri	llad?		
				······		
	4. Has	the well ever been perform give plugging detail (sacks	ed in any other zone of cement or bridne	(a)? List all such per plug(a) used)	rforsted intervals	1
		e the depth to and make of a	any overlying and/or	underlying oil or gas	zanes (paols) in	
		Grayburg - oil - 380	00 •			
		Eumont (Yates, Sever		- gas - 2800'		•
					:	

#### WELLS WITHIN 1/2 MILE RACKUS OF PHOPOSED ACKINS/KNOX (BLEY) INJECTORS LEA CO, NEW MEDICO

API #	OPERATOR	WELL NAME	_ डा	SEC /	FOOTAGE	DATE	DEPTH		COMPLETION (PERFS)	cso	OGEPTH (FT)	CMT (500
T-21-5, #-38-8	]											
30025-20007	Sun Q1	J A Akens #8	Cal	3	890' FSL, 22.89' FEL	8/17/ <b>63</b>	6300	00 01	5858-6092 5859-6184	8-5/2* 4-1/2*	1 <b>296</b> 6390	500
30025-25069	Orva Energy	J A Alama #10	Gast	3								650
	GIAN CHANNAA			3	660' FSL, 1660' FWL	11/1/78	5310	00 01	5974-6259 2983-30 <b>6</b> 0	8-5/8* 5-1/2*	1304 6300	600 1450
				_				-			4,900	1400
0025-30000	Sun Exploration	JA Akens #15	Oil	3	928 FSL, 1880' FWL	2/3/88	7000	00	6590-6813	13-3/8*	1383	1425
										8-6/8" 5-1/2"	4800 7000	1650 1270
0025-20165	Exxon Corp	John D Knaz #9	01	10								
0020-20100	Exten Corp	JOINT D KNOX #5	U	10	330' FNL, 990' FEL	10/29/03	6220	00 01	5875-6893 3875-6059	7-5/8* 4-1/2*	1331	450
								02	5225-5308	4-1/4	5200	500
0025-20252	Exxon Com	Binabry Oli Com No 1 #1	Ċ.	10								
W40-2V204	EREAL COID		UN	10	330' FNL 2310' FWL	7/26/83	81 8 <b>0</b>	00 01	5906-5018 5906-6110	7-5/8* 4-1/2*	1347 6180	450 500
								•			0100	
0025-20306	Cason Corp	John D Knex #11	TA	10	2310' FSL, 330' FEL	11/23/63	6225	00	5812-5945	7-5/8*	1329	575
										4-1/2*	8225	500
0025-20331	Exton Carp	John D Knox #10	Qu	10	1650' FNL, 1752' FEL	10/31/63	6230	00	5897-5945	7-5/8"	1323	700
								Q1	5871-6090	4-1/2*	8230	500
0025-20700	Exxon Corp	A J Adidas #8	Oll	10	2310' FSL, 2280' FWL	8/13/64	6050	00	5881-5887	7-6/8*	1364	625
								00	5849-3887	4-1/2"	8050	600
									5805-5887			
0025-20701	Exion Corp	A J Adbins #9	SI	10	1650' FNL, 990' FWL	10/25/64	5960	00	5832-5926	7-5/ <b>0</b> *	1353	450
										4-1/2"	5960	600
0025-20706	Exact Carp	John O Knox #12	Ĝee	10	990' FSL, 1652' FEL	6/24/64	6020	00	5880-5894	7-5/8*	1353	450
								01	5180-5944	4-1/2"	6020	525
								02 03	2 <b>778-3306</b> 5890-5886			
0025-20591	Atlantic Richfield	State L #0	Cil	11	1850' FNL, 330' FWL	11/15/64	6200	00	5760-5884	8-5/8*	1313	550
										5-1/2*	6799	473

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## Sent by: TRETOLITE LAB 9155637942

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Page 5/10

## Water Analysis Report from Petrolite Corporation

		Pred	ictions	of Satur	ation In	dex and	Amount	of Scale	e in 16/1	000561		
Mix Wa	Mix Waters CO2 CaCO3			Gypsum Ca8O4.2H2O		Anhydrite CaSO4		Calestite Sr804		Bai Bas		
16196	16197	psi	Index	Amount	Index	Amount	Index	Amount	Index	Amount	Index	Amount
0%	100%	7.84	0.48	127	-0.20	1	-0.20		N/A		1.28	0.28
10%	90%	7.19	0.59	149	-0.09	ł	-0.08		N/A	1	1.05	0.24
20%	80%	6.69	0.63	144	-0.04	Į	-0.03	1	N/A		0.88	0.20
30%	70%	6.14	0.83	132	-0.01	1	0.01	25	N/A	1	0.73	0,16
40%	60%	5.54	0.63	117	0.02	47	0.04	82	N/A	1	0. <b>59</b>	0.12
50%	50%	4.90	0.62	101	0.04	94	0.07	125	N/A	t	0.45	0.09
60%	40%	4.21	0.60	85	0.06	128	0.09	157	N/A	4	0.29	0.05
70%	30%	3.48	0.58	69	0.07	154	0.11	181	N/A	1	0.1Z	0.02
80%	20%	2.71	D.56	55	0.08	173	0.12	199	N/A		-0.10	
90%	10%	1.69	0.55	42	0.09	186	0.14	212	N/A	1	-0.45	
100%	0%	1.03	0.60	31	0.10	196	0.15	222	NA	ł	N/A	

Note 1' When assessing the seventy of the scale problem, both the saturation index (Si) and amount of scale must be considered.

Note 2: Procipitation of each scale is considered suparately. Total scale withe less than the sum of the amounts of the five scales.

Note 3: CO2 Pressure is absolute pressure. Yotal Pressure is gauge pressure.

### Adkins-Knox Waterflood Project

New Mexico EOR Tax Incentive Application

#### Geologic Summary

See Form C-108, Item VIII.

#### Project summary

The proposed Adkins-Knox Waterflood Project consists of the drilling of two water injection wells, one on the A. J. Adkins lease and the other on the J. D. Knox lease, both operated by Exxon, in order to form two contiguous inverted (i. e., injector-centered) "five-spot" patterns; given this arrangement, the injectors will support a total of six producers. All injection will occur in the Blinebry Formation at an average depth of 5800' and an average thickness of 200'. The two injectors will be served from a single facility located on the Knox lease.

Of the intended six producers, three are currently producing from the Blinebry, one is temporarily abandoned (also completed in the Blinebry), and two are currently producing from the Eunice gas zone, having previously produced from the Blinebry. The one TA'd well and the two plugged-back producers will be returned to Blinebry production as soon as response is seen in those wells currently producing.

Make-up water for the purpose of reservoir fill-up will be obtained from either Chevron's Eunice Monument South Unit, or from Rice Engineering, depending on economic viability and reservoir compatibility. Peak make-up water usage of approximately 4000 BWPD will occur in the first year of the project in order to achieve fill-up as soon as possible, and will subsequently diminish to approximately 300 BWPD in the fourth year.

We anticipate a project life of approximately 15 years, with total produced reserves of 500 KBO. Project implementation will incur capital investments of approximately \$1M.

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	Adkins-Knox Bilnebry
	4 Waterflood Project Lea County, New México
And all will for an and all former is action at the second	1" = 4000' G. A. Berkhouse
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	ILLEGIBLE 12

Copies of NMOCD Form C-108 were sent to the following by Certified Mail on November 12, 1996.

## Surface Owner

Milard Deck c/o Nations Bank Texas 1777 NE Loop 410, Suite 1250 San Antonio, TX 78217

## Offset Operators

Arco Permian P. O. Box 1610 Midland, TX 79702

Conoco Inc. 10 Desta Drive West Midland, TX 79705

Texaco E&P P. O. Box 3109 Midland, TX 79702 David H. Arrington Oil & Gas, Inc. 214 West Texas, Suite 400 Midland, TX 79701

Devon Energy Corporation 20 North Broadway Suite 1500 Oklahoma City, OK 73102

Texas Crude Inc. P. O. Box 56586 Houston, TX 77256-6586

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Chevron, U.S.A. Incorporated P. O. Box 1150 Midland, TX 79702

Oryx Energy P. O. Box 2880 Dallas, TX 75221

Exxon Corp.

na Muez

Sciena Q. Nunez Regulatory Compliance - Permits

ENERGY	AND MINERALS DEPARTMENT	CILL CONSERVATION DIVISION AUTOMOS CONSERVATION DIVISION AUTOMOS CONCERNATION INTEL LARGE CITCL BALANSI LANTA R. HON MALCO SUSCE	FORM C-108 Revised 7-1-81
APPLICAT	ION FOR AUTHORIZATION TO INJECT	·	
Ι.	Purpose: 🛛 Secondary Recover Application qualifies for ac	y Pressure Maintenance Mainistrative approval? ye	Disnosal Storage
11.	Operator: <u>Exxon</u> Company,	U.S.A.	
	Address: P. O. Box 1600		
	Contact party: Selena Nune	ZPhone:	(915) 688-7899
111.	Well data: Complete the data in proposed for inject	required on the reverse side of tion. Additional sheets may be	
	Is this an expansion of an exis If yes, give the Division order	sting project? 🗋 yes 🛛 r number authorizing the projec	ne 
	Attach a map that identifies al injection well with a one-half well. This circle identifies (	mile radius circle drawn aroun	
	Attach a tabulation of data on penetrate the proposed injection well's type, construction, data a schematic of any plugged well	on zone. Such data shall inclue drilled, location, depth, rec	ade a deacription of each
VII-	Attach data on the proposed op	eration, including:	
	<ol> <li>Whether the system is a</li> <li>Proposed average and a</li> <li>Sources and an approprative receiving format.</li> <li>If injection is for diation of a within one militation of a sources and a sources</li></ol>		id and compatibility with roducad water; and t productive of oil or gam a cnemical analysis of
•VIII.	Attach appropriate geological detail, geological name, thick bottom of all underground sour total dissolved solids concent injection zone as well as any injection interval.	nass, and depth. Give the geo see of drinking water (aquifer fations of 10,000 mg/l or less	Logic name, and depth to s containing waters with ) overlying the proposed
IX.	Describe the proposed stimulat	ion program, if any.	
× x.	Attach approoriate logging and with the Division they need no	test data on the well. (If w t be reaubmitted.)	ell loge have been filed
×I.	Attach a chemical analysis of available and producing) withi location of wells and dates an	n one mile of any injection or	resh water wells (if disposal well showing
XII.	Applicants for discosal wells exemined available geologic an or any other hydrologic connec source of drinking water.	must make an affermative state d engineering offer and find ho tion between the sisposal zone	evidence of open faults
XIII.	Applicants must complete the "	Proof of Natice" section on th	e reverse side of this form.
XIV.	Certification		
	to the best of my knowledge an		
	Name: <u>Selena Nunez</u>		. Office Assistant
submi	Signature: <u> </u>	etions VI, VIII. V. and XI abo	ve has been b
DISIR distr	IUUTION: Original and one copy ict officm.	y to Santa Fe with one conv to	the approor1

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FORM C-108 Side 2

III. WELL DATA

- A. The following well data must be submitted for each injection well covered by this application. The data must be both in tabular and schematic form and shall include:
  - (1) Lesse name; Well No.; location by Section, Township, and Range; and footage location within the mection.
  - (2) Each cosing string used with its size, setting depth, sacks of coment used, hole size, top of cement, and how such top was determined.
  - (3) A description of the tubing to be used including its size, lining material, and setting depth.
  - (4) The name, model, and setting depth of the packer used or a description of any other acal system or assembly used.

Division District offices have supplies of Well Data Sheets which may be used or which may be used as models for this purpose. Applicants for several identical wells may submit a "typical data sheet" rather than submitting the data for each well.

- B. The following must be submitted for each injection well covered by this application. All items must be addressed for the initial well. Responses for additional wells need be shown only when different. Information shown on schematics need not be repeated.
  - (1) The name of the injection formation and, if applicable, the field or pool name.
  - (2) The injection interval and whether it is perforated or open-hole.
  - (3) State if the well was drilled for injection or, if not, the original purpose of the well.
  - (4) Give the depths of any other perforated intervals and detail on the sacks of cement of bridge plugs used to seal off such perforations.
  - (5) Give the depth to and name of the next higher and next lower oil or gas zone in the area of the well, if any.
- XIV. PROOF OF NOTICE

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All applicants must furnish proof that a copy of the application has been furnished, by certified or registered mail, to the owner of the surface of the land on which the well is to be located and to each leasehold operator within one-half mile of the well location.

Where an application is subject to administrative approval, a proof of publication must be submitted. Such proof shall consist of a copy of the legal advertisement which was published in the county in which the well is located. The contents of such advertisement must include:

- (1) The name, address, phone number, and contact party for the spplicant;
- (2) the intended purpose of the injection well; with the exact location of single wells or the section, township, and range location of multiple wells;
- (3) the formation name and depth with expected maximum injection rates and pressures; and
- (4) a notation that interested parties must file objections or requests for hearing with the Oil Conservation Division, P. O. Box 2088, Santa Fe, New Mexico 87501 within 15 days.

NO ACTION WILL BE TAKEN ON THE APPLICATION UNTIL PROPER PROOF OF NOTICE HAS BEEN SUBMITTED.

NOTICE: Surface owners or offset operators must file over Sections or requests for hearing of administrative applications within 15 days for the Studitic application was mailed to them.

## SUPPLEMENT TO APPLICATION FOR AUTHORIZATION TO INJECT J. D. KNOX #13

## VII. Proposed Operations

- 1. During the first year of the project we intend to inject an average of 1600 BWPD (maximum 2500 BWPD) in order to reach fill-up quickly; the injection rate is anticipated to drop to an average of 1300 BWPD in the second year, 800 BWPD in the third, and 400 BWPD in the fourth and subsequent years. Total injection over the life of the project is estimated at 3500 KBW.
- 2. The planned injection system is a closed system.
- 3. Average injection pressure is expected to be approximately 800 psi, and maximum pressure will not exceed 1200 psi (0.2 psi/ft at a depth of 6000' to the bottom perforation).
- 4. In addition to re-injecting our produced water, we intend to use make-up water from Chevron's Eunice Monument South Unit waterflood. Water compatibility tests were performed to determine scaling tendencies between produced water from the Blinebry and the San Andres source (see attachment). Although the tests indicated a tendency for barite to precipitate, the amount will be very small. This minor precipitation, should it occur, can be remediated by standard acid stimulation techniques.
- 5. Not applicable.
- VIII. The reservoir into which water will be injected occurs in the Blinebry Formation, a Permian carbonate encountered at a depth of approximately 5800 feet on the subject lease. The Blinebry reservoir interval is approximately 200 feet in thickness, and is composed predominantly of dolomite with average porosities of 10-15% and average permeabilities of 1-10 md.

The only underground source of drinking water in the vicinity is the Ogalalla Formation, a Tertiary unit consisting of caliche, sand and gravel which extends from the surface to a depth of approximately 200'.

IX. The planned completion program for the injection well includes the perforating approximately 100 net feet, acidizing the perfs, and applying a small proppant fracture (~20K gallons of fluid and ~50K pounds of sand) for the purpose of stimulating the near-wellbore region.

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- X. As the well has not yet been drilled no logs are available. We intend to run a basic suite of open-hole logs which will be forwarded to the state upon completion of the well. We will not conduct any production tests, as the sole purpose of the well is water injection.
- XI. Analyses are being obtained and will be submitted at the hearing.
- XII. There are no indications of open faults or other hydrological connections between the proposed injection interval and the shallower fresh water zones.

	INJ	CCTIUN WELL DATA SHEET			
	Company, U.S.A.	J. D. Knox			
OPERATOR		LEASE			
UELL NO.	2300' FSL 1600 FEL FONTAGE LUCATION	Section 10 SECTION	T-21-S	R-36-E	
50	hematic 9	Tai	Dular Dota		
	<u> </u>	Sufface Casing			
	planned			thsx.	
hole		Hole size 12-1/4	feet determined b	ÿ	
	T			1	
6 (19)		Intermediate Casing			
50'		Size*			
				у	
		Hale eize			
R	x z≯,"	Long string		1	
$\otimes$	they they have the the the the the the the the the th	Size $5-1/2$ "			
	B-i prinker	TOC surface Hole size 7-7/8	fest determined b	У	
	ie+a	Total depth 62001			
Ŕ					
	Blinebry E perfr	Injection interval	6000		
g" hole	\$5800 - Leou	5800 feet to (perforated or open-hol	le, indicate which	h) fest	
				I I ED M	لم
/2° 200 7	D 6200'				
Tubing si	lze <u>2-3/8</u> lin	ed with <u>Cement</u> (sata)	risl)	set in a	
Bake	er-Lockset	packer s	5750'	feet	
(or descr	ribe any other casing-tubi	ng seel).			
Other Dat		•1 4 1			
	of the injection formatio		Blinghru		
	of Field or Pool (if appl his a new wall drilled for				
3 7	nis a new wall drilled for o, for what purpose was th		-		
				· · ·	
1f nc 	the well ever been perform give plugging dotail (seck				
If no 4. Has t	the well ever been perform give plugging dotail (seck				
A. Has t and g	the well ever been perform give plugging dotail (seck	ks of cement or bridge plu	g(a) vand)		
A. Has 1 and g No.	the wel) ever been perform give plugging dotail (seck O	es of cement or bridge plu any overlying and/or unde	g(a) vand)		

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#### Wells within 1/2 Mile Radius of Proposed Adkins/Knox (Blby) injectors Lea CO, New Mexico

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PI /	OPERATOR	WELL NAME	<u>sr</u>	SEC /	FOOTAGE	DATE	DEPTH		COMPLETION (PERFS)	C30	DEFTH (FT)	CMT (SX)
21-5,9-30-6	2		_									
0025-20007	Sun Oli	B's snalA A L	<b>OR</b>	3	890' FSL, 2289' FEL	8/17/63	8300	00	586 <b>8-0092</b>	8-5/8*	1296	500
								01	6859-6184	<b>4-1/2</b> *	6300	656
0025-26069	Oryx Energy	J A Aliana #10	Ges	3	680' FSL, 1650' FWL	11/1/78	6319	00	5874-8259	8-5/8*	1304	600
								01	2883-3060	5-1/2*	5200	145
0025-30098	Sun Exploration	J.A Akons #16	Qil	3	828 FSL, 1960' FWL	2/3/88	7000	00	6590-6913	13-3/8"	1363	142
										1-5/8	4900	165
										<b>5-1/2</b> *	7000	127
0025-20166	Exam Corp	John D Knex #9	ĊH	10	330' FNL 990' FEL	10/29/83	6220	00	6675-5893	7-5/8*	1331	45
								01	5875-8069	4-1/2*	6200	50
								02	5225-53D <b>\$</b>			
0025-20262	Exxor Corp	Blimbry CE Com No 1 #1	0i	- 10	330' FNL, 2310' FWL	7/28/83	6180	00	5906-5916	7-5/8"	1347	45
	- •							01	<b>5906-6</b> 110	<b>4</b> -1/2*	6180	50
0025-20305	Exxori Corp	John D Knox #11	TA	10	2310' FSL, 330' FEL	11/23/83	8225	00	5812-5945	7-6/8*	1329	57
										4-1/2"	6225	50
0025-20331	Exxen Carp	John D Knox #10	NI	10	1650' FNL, 1752' FEL	10/31/63	6230	00	5887-6949	7-6/8*	1323	70
								01	5271- <b>509</b> 0	4-1/2*	6230	50
0025-20700	Exam Cara	A J Adidas #8	OI	10	2310" FSL, 2260' FWL	8/13/64	0050	00	5881-5687	7-5/8*	1364	63
								00	6849-5887	4-1/2"	8050	5
									5905-5887			
0025-20701	Except Corp	A J Adkins #9	51	10	1860' ANL. 990' FWL	10/28/84	5960	00	5832-5926	7-6/\$*	1353	4
										4-1/2°	5980	5
0025-20706	i Éxaton Cons	John D Knax #12	Ges	10	880° FSL, 1652' FEL	6/24/64	6020	00	5190-5856	7-5/6"	1353	4
								01	5890-5944	4-1/2"	5020	5
								02	2778-3308			
								03	5690-5898			
30025-20591	Atlentic Fichfield	State L #6		11	1850' FNL, 330' FWL	11/15/64	6200	00	5760-5964	5-6/8	1313	•
										5-1/2"	6199	4

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10/24/96 15:02

Job 534



## Water Analysis Report from Petrolite Corporation

	Mixee at 100°F and 0 psi											
		Pred	ictions	of Satura	ation In	dex and A	Amoum	of Scale	in 16/10	<u>000551</u>		
			Cal		Gyp		Anhy		Cele		Bar	
Mix Wa	aters	CO2	CaC	:03	CaSO4	.2H2O	CaS	64	<u>Sr8</u>	04	BaS	04
16196	16197	pel	Index	Amount	Index	Amount	Index	Amount	Index	Amount	Index	Amoun
0%	100%	7.64	0.48	127	-0.20		-0.20		N/A		1.28	0.28
10%	90%	7.19	0.59	149	-0.09		-0.08		N/A		1.05	0.24
20%	80%	8.69	0.63	144	-0.04		-0.03		N/A		0.88	0.20
30%	70%	6.14	0,63	132	-0.01		0.01	25	N/A	1	0.73	Q.16
40%	60%	5.54	0.63	117	0.02	47	0.04	82	N/A	1	0.59	0.12
50%	50%	4.90	0.62	101	0.04	94	0.07	125	N/A	1	0.45	0.09
60%	40%	4,21	0.60	85	0.06	128	0.09	167	N/A		0.29	0.0
70%	30%	3.48	0.58	69	0.07	154	0.11	181	N/A		0.12	0.02
80%	20%	2.71	0.58	55	0.08	173	0.12	199	N/A	1	-0.10	
90%	10%	1.89	0.55	42	0.09	186	0.14	212	N/A	{	-0.45	
100%	0%	1.03	0.80	31	0.10	196	0.15	222	N/A		N/A	

Note 1: When assessing the seventy of the scale problem, both the saturation index (Si) and amount of scale must be considered.

Note 2: Precipitation of each scale is considered separately. Total scale will be less than the sum of the amounts of the five scales.

Note 3' CO2 Pressure is absolute pressure. Yotal Pressure is gauge pressure.

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## Adkins-Knox Waterflood Project

التلاحية التنافية

New Mexico EOR Tax Incentive Application

### Geologic Summary

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See Form C-108, Item VIII.

### Project summary

The proposed Adkins-Knox Waterflood Project consists of the drilling of two water injection wells, one on the A. J. Adkins lease and the other on the J. D. Knox lease, both operated by Exxon, in order to form two contiguous inverted (i. e., injector-centered) "five-spot" patterns; given this arrangement, the injectors will support a total of six producers. All injection will occur in the Blinebry Formation at an average depth of 5800' and an average thickness of 200'. The two injectors will be served from a single facility located on the Knox lease.

Of the intended six producers, three are currently producing from the Blinebry, one is temporarily abandoned (also completed in the Blinebry), and two are currently producing from the Eunice gas zone, having previously produced from the Blinebry. The one TA'd well and the two plugged-back producers will be returned to Blinebry production as soon as response is seen in those wells currently producing.

Make-up water for the purpose of reservoir fill-up will be obtained from either Chevron's Eunice Monument South Unit, or from Rice Engineering, depending on economic viability and reservoir compatibility. Peak make-up water usage of approximately 4000 BWPD will occur in the first year of the project in order to achieve fill-up as soon as possible, and will subsequently diminish to approximately 300 BWPD in the fourth year.

We anticipate a project life of approximately 15 years, with total produced reserves of 500 KBO. Project implementation will incur capital investments of approximately \$1M.

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J. D. Knox Well No. 13 Lea County, New Mexico

Copies of NMOCD Form C-108 were sent to the following by Certified Mail on November 12, 1996.

- `

### Surface Owner

فالصفر الشار الأيس الارتجم

Milard Deck c/o Nations Bank Texas 1777 NE Loop 410, Suite 1250 San Antonio, TX 78217

.

## Offset Operators

David H. Arrington Oil & Gas, Inc. 214 West Texas, Suite 400 Midland, TX 79701

Devon Energy Corporation 20 North Broadway Suite 1500 Oklahoma City, OK 73102

Texas Crude Inc. P. O. Box 56586 Houston, TX 77256-6586 Chevron, U.S.A. Incorporated P. O. Box 1150 Midland, TX 79702

Oryx Energy P. O. Box 2880 Dallas, TX 75221

Exoxon Corp.

Selena Q. Nunez Regulatory Compliance - Permits

Arco Permian P. O. Box 1610 Midland, TX 79702

Conoco Inc. 10 Desta Drive West Midland, TX 79705

Texaco E&P P. O. Box 3109 Midland, TX 79702

## Laboratory Services, inc.



1331 Tasker Drive Hobbs, New Mexico 88240 Telephone: (505) 397-3713

Water Analysis

COMPANY	Exxon Company USA
	Sampled At Windmill Southwest Of A. J. Adkins
SAMPLE	Adjacent To Highway 8 On West Side.
SAMPLED BY	Jimmy McBee
DATE TAKEN	
REMARKS	
Barlum as Ba	0
Carbonate alkalin	
Bicarbonate alkal	linity PPM 292
pH at Lab	6.48
Specific Gravity	9 60°F Not enough sample to run gravity
Magnesium as M	g 267
Total Hardness a	s CaCO3 460
Chlorides as Cl	304
Sulfate as SO4	145
Iron as Fe	0
Potassium	0.19
Hydrogen Sulfide	
<b>Resistivity Ohms</b>	1.61 22.5 C
Total Dissolved S	Solids 800
Calcium as Ca	193
Nitrate	0

Results reported as Parts per Million unless stated

Langelier Saturation Index \_0.72

Analysis by: Date:

Rolland Perry 11/16/96

Exhibit No. \_\_\_\_\_ Exxon Corporation Case No. 11665 Hrg. Date: December 5, 1996

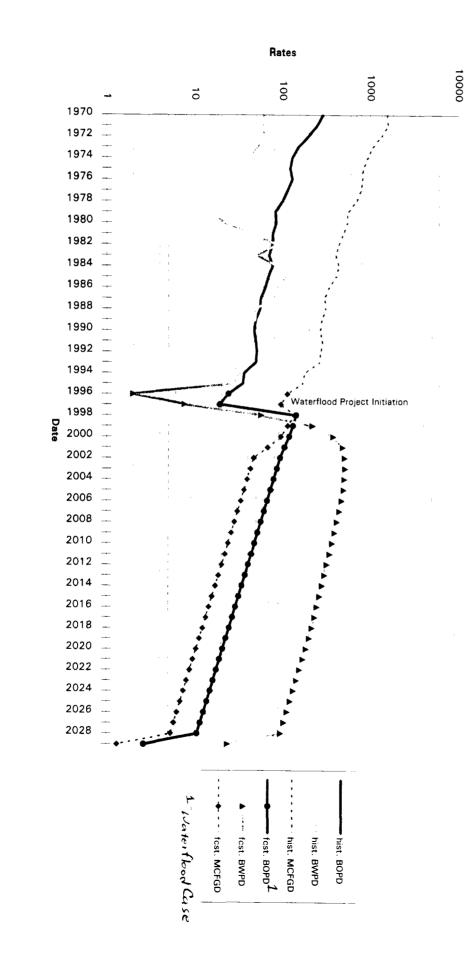


Exhibit No. Exxon Corporation Case No. 11665 Hrg. Date: December 5, 1996

Adkins-Knox Flood: Historical and Forecast Production

EXHIBIT

District I PO Box 1980, Hobbs, NM 88241-1980

District II PO Drawer DD, Artesia, NM 88211-0719

District III 1000 Rio Brasos Rd. , Aztec, NM 87410

District IV PO Box 2088, Santa Fe, NM 87504-2088

# OIL CONSERVATION DIVISION

Santa Fe, NM 87504-2088

□ AMENDED REPORT

				WELL	LOCA	tion and a	CREAGE DEDM	CATION PLA	T	
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4 Prope	rty Code	5			6 Well Number 11					
7 OGRID No. 8				Exxon C	Operator Nome 9 Exxon Company, U.S.A.					
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### BEFORE THE NEW MEXICO OIL CONSERVATION DIVISION

APPLICATION OF EXXON CORPORATION FOR APPROVAL OF A WATERFLOOD PROJECT AND TO QUALIFY SAID PROJECT FOR THE RECOVERED OIL TAX RATE, LEA COUNTY, NEW MEXICO.

Case No. 11665

#### AFFIDAVIT REGARDING NOTICE

STATE OF NEW MEXICO COUNTY OF SANTA FE ) ss.

William T. Duncan, Jr., being duly sworn upon his oath, deposes and states:

1. I am over the age of 18, and have personal knowledge of the matters stated herein.

2. I am an employee of Applicant.

3. Applicant has conducted a good faith, diligent effort to find the names and correct addresses of the interest owners entitled to receive notice of the Application filed herein.

4. Notice of the Application was provided to said interest owners at their correct addresses by mailing each of them, by certified mail, a copy of the Application. Copies of the notice letters and certified return receipts are attached hereto as Exhibit A.

Applicant has complied with the notice provisions of 5. Division Rule 1207 and Form C-108.

lliam T. Duncan,

SUBSCRIBED AND SWORN TO before me this 4th day of December, 1996, by William T. Duncan, Jr.

NEW MEXICO OIL CONSERVATION DIVISION

XXM EXHIBIT CASE NO. \_11665

My Commission Expires:

10-29-99



POST OFFICE BOX 1600 . MIDLAND, TEXAS 79702-1600

MIDLAND PRODUCTION ORGANIZATION OPERATIONS INTEGRITY November 12, 1996

Application for Fluid Injection J. D. Knox Well No. 13 Lea County, New Mexico

State of New Mexico Energy and Minerals Department Oil and Conservation Division P. O. Box 2088 Santa Fe, New Mexico 87504

Exxon Corporation respectfully requests approval of the enclosed application for fluid injection into the J. D. Knox #13. In support of this request, Form C-108 and its attachments are enclosed. Copies of this application are being sent by certified mail to the leasehold operator and surface owners within a 1/2 mile radius of proposed injection well. Proof of Notice will be forwarded to you as soon as I receive it.

This matter is set for hearing at the New Mexico Oil and Conversation Division in Santa Fe, New Mexico on December 5, 1996, at 8:15 a.m. Leasehold operators and surface owners should notify the NMOCD if planning to attend the hearing.

If you have any questions concerning this application, please call me at (915) 688-7899.

Sincerely,

InaNunez-

Selena Nunez

/sqn Enclosures

c: New Mexico OCD District I Office Attn: Jerry Sexton P. O. Box 1980 Hobbs, NM 88240

> Offset Operators Surface Owners

	EXHIBIT	٦
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A DIVISION OF EXXON CORPORATION

## EXON COMPANY, U.S.A.

POST OFFICE BOX 1800 . MIDLAND, TEXAS 79702-1800

MIDLAND PRODUCTION ORGANIZATION

November 12, 1996

Application for Fluid Injection A. J. Adkins Well No. 11 Lea County, New Mexico

State of New Mexico Energy and Minerals Department Oil and Conservation Division P. O. Box 2088 Santa Fe, New Mexico 87504

Exxon Corporation respectfully requests approval of the enclosed application for fluid injection into the A. J. Adkins #11. In support of this request, Form C-108 and its attachments are enclosed. Copies of this application are being sent by certified mail to the leasehold operator and surface owners within a 1/2 mile radius of proposed injection well. Proof of Notice will be forwarded to you as soon as I receive it.

This matter is set for hearing at the New Mexico Oil and Conversation Division in Santa Fe, New Mexico on December 5, 1996, at 8:15 a.m. Leasehold operators and surface owners should notify the NMOCD if planning to attend the hearing.

If you have any questions concerning this application, please call me at (915) 688-7899.

Sincerely,

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Selena Nunez

/sqn Enclosures

c: New Mexico OCD District I Office Attn: Jerry Sexton P. O. Box 1980 Hobbs, NM 88240

> Offset Operators Surface Owners

A UMISION OF EXCON CORPORATION

<ul> <li>Complete items 3, 4a, and 4b.</li> <li>PAnitr your name and address on the reverse of this form carr, to you.</li> <li>Altach this form to the front of the malpiece, or on the baperndt.</li> <li>Write 'Relum Receipt Reguested' on the malpiece below</li> <li>The Ratum Receipt will show to whom the article was dei delivered.</li> </ul>	ack if space does not	1.      Addressee s Address     2.      Restricted Delivery	SENUER: Complete terms 3, 4a, and 4b, Pont your name and address on the Tevers ard to you. Attach this form to the front of the mailpleo Permt, White <i>Return Receipt Requested</i> on the r The Return Receipt will show to whom the delivered.	e of this form so that we ca	In return this f ioes not umber, ve date	also wish to receive the ollowing services (for an extra fee): 1.
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