

April 25, 1989

Conoco Inc. 726 East Michigan P.O. Box 460 Hobbs, NM 88241 (505) 397-5800

received

MAY - 1 1989

OIL CONSERVATION DIV. SANTA FE

Mr. William LeMay State of New Mexico Oil Conservation Division P. O. Box 2088 Santa Fe, NM 87504-2088

Dear Mr. LeMay:

Request for Authorization to Inject in the Langlie Lynn No. 5, Section 23, T23S, R36E

Conoco Inc. requests administrative approval to inject water into the Langlie Lynn No. 5, which is within an existing waterflood project (R-4417). Conoco is requesting administrative approval for this conversion to injection of an additional well based on Rule 701-F(4) since the well is necessary to maintain thorough and efficient waterflood injection.

Enclosed is the information required for this Application for Authorization to Inject with the exception of the proof of notice, which will be forwarded to your office as soon as possible. Should you have any questions regarding this matter, please contact Ms. Ceal Yarbrough at (505) 397-5825.

Yours very truly,

David L. Wacker Division Manager

COY:jd

cc: NMOCD-Hobbs

	STAT	TE OF	NEW	MEXICO	
ENERGY	AND	MINE	RALS	DEPART	1ENT

APPLIC/	ATION FOR AUTHORIZATION TO INJECT
Ι.	Purpose: 🛛 Secondary Recovery 🔲 Pressure Maintenance 🔲 Disposal 🔲 Storage Application qualifies for administrative approval? 🗌 yes 🗍 no
Π.	Operator: Conoco Inc.
	Address: P. O. Box 460, Hobbs, NM 88240
	Contact party: <u>Ceal Yarbrough</u> Phone: <u>(505) 397-5825</u>
111.	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.
1V.	Is this an expansion of an existing project? X yes \Box no If yes, give the Division order number authorizing the project <u>R-4417</u> .
۷.	Attach a map that identifies all wells and leases 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 schematic of any plugged well illustrating all plugging detail.
VII.	Attach data on the proposed operation, including:
	 Proposed average and maximum daily rate and volume of fluids to be injected; Whether the system is open or closed; Proposed average and maximum injection pressure; Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than reinjected produced water; and 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.).
*VIII.	Attach appropriate geological data on the injection zone 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.
IX.	Describe the proposed stimulation program, if any.
* 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 avai³able and producing) within one mile of any injection or disposal well showing location of wells and dates samples were taken.
XII.	Applicants for disposal wells must make an affirmative statement that they have examined available geologic and engineering data 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 Notice" 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 belief.
	Name: _
	Signature: Main L. Waren Date: 4/25/89

* If the information required under Sections VI, VIII, X, and XI above has been previously submitted, it need not be duplicated and resubmitted. Please show the date and circumstance of the earlier submittal. Well logs were submitted upon completion. 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) Lease name; Well No.; location by Section, Township, and Range; and footage location within the section.
 - (2) Each casing string used with its size, setting depth, sacks of cement 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 seal 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 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 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 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. 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 any objections or requests for hearing of administrative applications within 15 days from the date this application was mailed to them.

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			CASI	NG		SPUD	COMPL.	
TYPE	INTERVAL	<u>SIZE-"</u>	DEPTH	NO. SX	TOC	DATE	DATE	TD/PBD
Inj	3536-3672'	8-5/8 4-1/2	241' 3790'	200 1100	Circ Circ	9-30-60	10-25-60	3790/3760'
) lio	3542-3628'	10-3/4 7-5/8 5-1/2 4-1/2	225, 1235, 2795, 2750,	500 500 600 115	Circ Circ Circ N/A	8-18-49	9-16-49	3750'
) įni	3608-3652'	8-5/8 4-1/2	271' 3800'	150 1778	Circ Circ	11-14-62	11-25-62	3800/3773'
oil	3550-3611'	8-5/8 4-1/2	269' 3727'	150 1150	Circ Circ	12-11-62	1-9-63	3728/3704'
Inj	3474-3655'	7-5/8 4-1/2	302' 3720'	200 250	Circ 2600'	8-4-63	10-7-63	3720
lio	3428-3531'	8-5/8 5-1/2	323' 3580'	300 250	Pmp & Plug Pmp & Plug	11-19-60	12-10-60	3595/3558'
011	3529-85'	9-5/8 7	334, 3529'	300 250	Pmp & Plug Pmp & Plug	2-29-60	3-17-60	3585'
Gas Oil	3002-3186' 3502-3550'	12-1/2 8-5/8 7	276' 2880' 3663'	350 600 140	Circ Pmp & Plug 2950'	12-22-48	3-31-49	3670'

WELLS WITHIN 1/2 MILE WHICH PENETRATE ZONE OF INTEREST

				CASING	NG		SPUD	COMPL.	
WELL AND LOCATION	TYPE	<u>INTERVAL</u>	SIZE-"	DEPTH	<u>NO. SX</u>	TOC	DATE	DATE	TD/PBD
State A Ac. 1 #105 2080' FNL, 660' FEL 23-T23S-R36E	Gas Oil-TA	2862-3282' 3363-76' 3547-3555' 3646-50'	7-5/8 4-1/2 / 4///6/e	323' 3669' 73 700 @ 2173	250 250 e.	Circ 3601' (Ma hed) en Dervid	Circ 6-28-64 3601' (Mahed) encourt	7-13-64	3669/3350'
State A Ac. l #107 1980' FSL, 660' FWL 24-T23S-R36E	oil	3515-3644'	7-5/8 4-1/2	325' 3664'	325 250	Circ 2620'	7-17-64	8-4-64	3664/3654'
<u>Arco</u> Sinclair A State #5 1980' FSL, 660' FEL 23-T23S-R36E	0il	3381-3520'	8-5/8 4-1/2	290' 3752'	200 1290	Circ Circ	1-16-62	2-1-62	3753/3530'
Sinclair A State #9 660' FSL, 660' FEL 23-T23S-R36E		3480-3546' Squeezed P&A: 0-550' 590-700' 2900-3340' BP at 3580'	8-5/8 4-1/2	277' 3750'	150 250 200 150 50	Circ 2400'	12-18-63	3 - 6 - 64	3750/3580'

JS:mjm JSTABLE.DOC 1

File Proposed Plugging Program	By J.D. Swanson Date 4-8-87
	Location: 660' FSL & 660' FEL, Section 23-T23S-R36E Lea County, New Mexico
	8-5/8" Surface Casing at 278'
10000	±550 sxs Class "H" w/2% CaCl ₂ in 4-1/2" csg and in 7-7/8" x 4-1/2" annulus Perforations 1200-1201' @ 4 SPF
2000' - /	
	Plug #1 - 2800-3460' - ±75 sxs Class "H" cmt Top of Yates @ 2895' Top of Langlie Pool @ 3362' Top of Oueen @ 3462'
	Qu 36
4000	PBTD - 3725' 4-1/2" Production casing @ 3797'
1	

LANGLIE LYNN UNIT NO. 5

Proposed Convert to Injection

Proposed average and maximum daily rate: 400 BWPD/600 BWPD

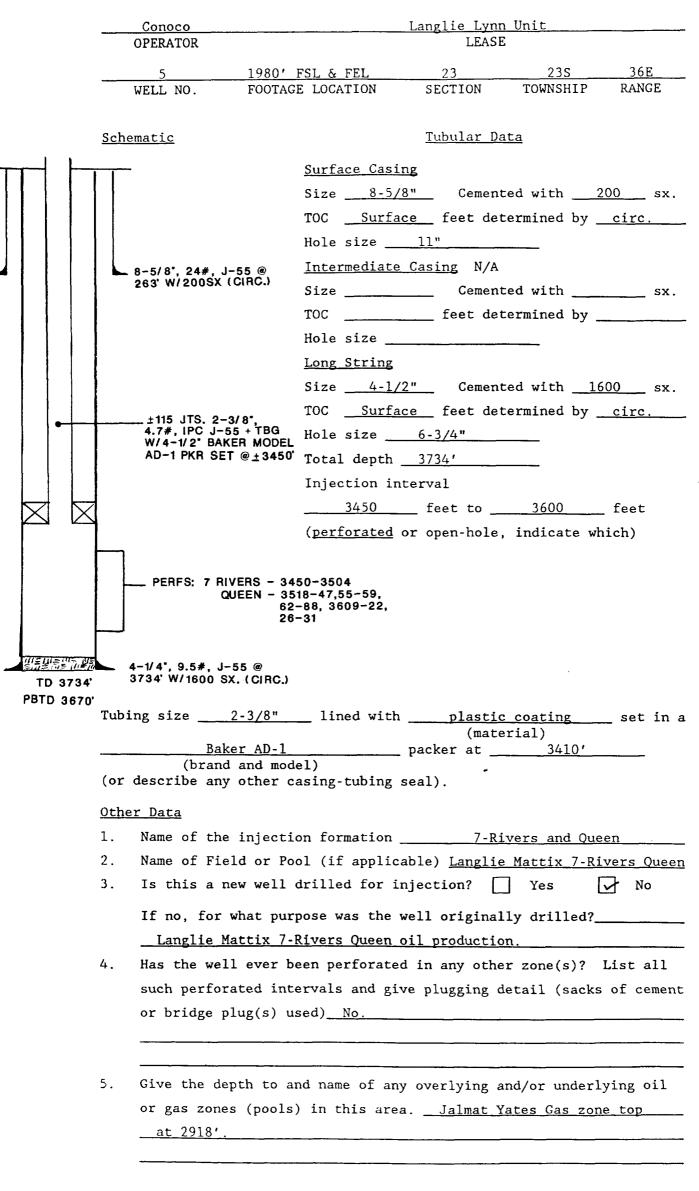
System is closed

Proposed average and maximum injection pressure: 400 psi/650 psi

<u>Geological data is as follows</u>: The lithology consists of dolomite, sandstone, and anhydrite. No known sources of underground drinking water are present in the area of review.

<u>Proposed Stimulation Program</u>: Add perforations in the 7R-1 and 7R-2 if gas cap does not exist. Re-perforate existing perforated intervals and stimulate with 15% HCl as necessary.

BAH:mjm LANGLN5.DOC



Unichem International

707 North Leech P.O.Box 1499

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Hobbs, New Mexico 88240

Date : 03- Sample 1: Lar Sample 2: (c	noco -10–1989 nglie Lyr on) on)	Texeco nn & Jal Wa	ater Syste	m (on 3-10-	-89)		
Specific Gravity Total Dissolved S pH: IONIC STRENGTH:		<u>San</u>	<u>ple 1</u> 1.008 11135 6.71 0.242	<u>San</u>	nple 2 1.009 13194 6.77 0.269	<u>Sar</u>	nple 3 1.011 15253 6.82 0.296
<u>CATIONS:</u> Calcium Magnesium Sodium Iron (total) Barium	(Ca ^{+ 2}) (Mg ^{+ 2}) (Na ^{+ 1}) (Fe ^{+ 2}) (Ba ^{+ 2})	<u>me/liter</u> 27.9 52.8 108 0.076 0.022	<u>mg/liter</u> 558 642 2490 2.13 1.52	<u>me/liter</u> 25.4 46.4 152 0.063 0.037	<u>mg/liter</u> 508 564 3490 1.75 2.55	<u>me/liter</u> 22.9 40.0 195 0.049 0.052	<u>mg/liter</u> 458 486 4480 1.38 3.50
ANIONS: Bicarbonate Carbonate Hydroxide Sulfate Chloride <u>DISSOLVED GASES</u> Carbon Dioxide	(HCO_3^{-1}) (CO_3^{-2}) (OH^{-1}) (SO_4^{-2}) $(C1^{-1})$	17.1 0 23.9 148	1040 0 1150 5250 225	18.6 0 18.7 186	1130 0 900 6600 200	20.1 0 13.5 224	1230 0 650 7950
Carbon Dioxide Hydrogen Sulfide Oxygen			225 230 0	1	204	1	175 179 0
<u>Temperi</u> 36'F	30°C	<u>SCALING IND</u> Calcium <u>Carbonate</u> 0.26	<u>EX (positive</u> Calcium <u>Sulfate</u> -25	value indic Calcium <u>Carbonate</u> C.25	<u>ates scale)</u> Calcium <u>Sulfate</u> -26	Calcium Carbonate 0.26	Calcium <u>Sulfate</u> -32

Compatibility Results Sample 1 = Langlie Lynn = 25% / Jal Water System = 75% Sample 2 = Langlie Lynn = 50% / Jal Water System = 50% Sample 3 = Langlie Lynn = 75% / Jal Water System = 25%

Viscal mix - 50.50 - no ppt.

Unichem International

707 North Leech P.O.Box 1499

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Hobbs, New Mexico 88240

Company : Conoco Date : _03-10-1989 Location: Jal Water System (on 3-10-89) Sample 1 Specific Gravity: 1.006 Total Dissolved Solids: 9077 6.65 pH: IONIC STRENGTH: 0.214 CATIONS: <u>me/liter</u> mg/liter Calcium (Ca+2) 30.4 608 (Mg^{+2}) 59.2 719 Magnesium Sodium (Na+1) 1500 65.2 Iron (total) (Fe^{+2}) 0.090 2.50 (Ba+2) Barium 0.007 0.500 ANIONS: (HCO_{3}^{-1}) 952 Bicarbonate 15.6 Carbonate (CO_3^{-2}) 0 Ο Hydroxide (OH-1) 0 Ο (SO4-2) 29.1 1400 Sulfate $(C1^{-1})$ 3900 110 Chloride DISSOLVED GASES Carbon Dioxide (CO₂) 250 Hydrogen Sulfide (H₂S) 255

	SCALING	INDEX	(positive	value indicate	<u>es scale)</u>
				Calcium	Calcium
	rature			Carbonate	Sulfate
36 F	30°C			0.25	-13

Unichem International

707 North Leech P.O.Box 1499

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Hobbs, New Mexico 88240

Company : Date : Location:	Conoco 03-10-1989 <i>WF I</i> rj IPD Langlie Lynn Well # 1 (on 3-10-89)	
		Sample 1
Specific G	ravity:	1.012
Total Diss	olved Solids:	17311
pH:		6.88
IONIC STREE	NGTH:	0.324

<u>CATIONS:</u> Calcium Magnesium Sodium Iron (total) Barium	(Ca ^{+ 2}) (Mg ^{+ 2}) (Na ^{+ 1}) (Fe ^{+ 2}) (Ba ^{+ 2})	<u>me/liter</u> 20.4 33.6 238 0.036 0.067	mg/liter 408 408 5480 1.00 4.60
ANIONS: Bicarbonate Carbonate Hydroxide Sulfate Chloride	$(HCO_3 - 1)$ $(CO_3 - 2)$ (OH^{-1}) $(SO_4 - 2)$ $(C1^{-1})$	21.6 0 8.33 262	1320 0 400 9300
<u>DISSOLVED GASES</u> Carbon Dioxide Hydrogen Sulfide	(CO2) (H2S)		150 153

	SCALING	INDEX	(positive	value indicate	<u>es scale)</u>
				Calcium	Calcium
Temp	erature			Carbonate	Sulfate
36 ° F	30°C			0.26	-33



Conoco Inc. 726 East Michigan P.O. Box 460 Hobbs, NM 88241 (505) 397-5800

April 25, 1989

Commissioner of Public Lands State Land Office P. O. Box 1148 Santa Fe, NM 87504-1148

Dear Commissioner:

In accordance with New Mexico Oil Conservation Division regulations, you, as the surface owner, are hereby notified of Conoco's application to convert the Langlie Lynn No. 5 to a water injection well. This well is located 1980' FSL & 1980' FEL of Section 23, T23S, R36E, Lea County, New Mexico.

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Thank you for your cooperation in this matter. If you have any questions, please contact Ms. Ceal Yarbrough at (505) 397-5825.

Yours very truly,

David L. Wacker

Division Manager

COY:jd

Executed the _____ day of _____, 1989.

By

Commissioner of Public Lands



Conoco Inc. 726 East Michigan P.O. Box 460 Hobbs, NM 88241 (505) 397-5800

April 25, 1989

ARCO Oil & Gas Company P. O. Box 1610 Midland, TX 79702

Gentlemen:

In accordance with New Mexico Oil Conservation Division regulations, you, as an offset operator, are hereby notified of Conoco's application to convert the Langlie Lynn No. 5 to a water injection well. This well is located 1980' FSL & 1980' FEL of Section 23, T23S, R36E, Lea County, New Mexico.

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Yours very truly,

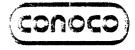
David L. Wacker Division Manager

COY:jd

Executed the _____ day of _____, 1989.

By

ARCO Oil & Gas Company



Conoco Inc. 726 East Michigan P.O. Box 460 Hobbs, NM 88241 (505) 397-5800

April 25, 1989

Mr. Hal J. Rasmussen P. O. Box 10317 Midland, TX 79702

Dear Mr. Rasmussen:

In accordance with New Mexico Oil Conservation Division regulations, you, as an offset operator, are hereby notified of Conoco's application to convert the Langlie Lynn No. 5 to a water injection well. This well is located 1980' FSL & 1980' FEL of Section 23, T23S, R36E, Lea County, New Mexico.

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Yours very truly,

David L. Wacker Division Manager

COY:jd

Executed	the		day	of	······································	1989.
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By

Mr. Hal J. Rasmussen

STATE OF NEW MEXICO



ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION HOBBS DISTRICT OFFICE

5-1-39

FORT DELCERTE 1/180 FORES NEW MEXILU 88241 1980 (505) 393-6161

GARREY CARRUTHERS

OIL CONSERVATION DIVISION P. O. BOX 2088 SANTA FE, NEW MEXICO 87501

RE: Proposed: MC DHC______ NSL_____ SWD WFX_____ PMX

Gentlemen:

I have examined the application for the:

Lease & Well No. Unit S-T-R 23-23-36 Conoco J nC. Operator

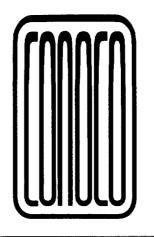
and my recommendations are as follows:

Youns very truly,

Supervisor, District 1

MAY - 4 1989 OIL CONSERVATION DIV. SANTA FE

/ed



May 8, 1989

Conoco Inc. 726 East Michigan P.O. Box 460 Hobbs, NM 88241 (505) 397-5800



MAY 1 5 1989

OIL CONSERVATION DIV. SANTA FE

Mr. William LeMay State of New Mexico Oil Conservation Division P. O. Box 2088 Santa Fe, NM 87504-2088

Dear Mr. LeMay:

Request for Authorization to Inject in the Langlie Lynn No. 5, Section 23, T23S, R36E

Attached are copies of the proof of notice for the subject application which was submitted to your office on April 25, 1989.

If you have any questions regarding this application, please contact Ms. Ceal Yarbrough at (505) 397-5825.

Yours very truly,

David L. Wacker

Division Manager

Enc. COY:jd

AFFIDAVIT OF PUBLICATION

State of New Mexico. County of Lea.

George W. Moore

of the Hobbs Daily News-Sun, a daily newspaper published at Hobbs, New Mexico, do solemnly swear that the clipping attached hereto was published once a week in the regular and entire issue of said paper, and not a supplement thereof for a period

of_

One weeks. Beginning with the issue dated

April 27 _____ 1989 and ending with the issue dated

27 . 1989 1X Publisher.

Sworn and subscribed to before

day of me this Notary Public.

My Commission expires_

November 14 19 92 (Seal)

This newspaper is duly qualified to publish legal notices or advertisements within the meaning of Section 3, Chapter 167, Laws of 1937, and payment of fees for said publication has been made.

44 LEGAL NOTICE April 27, 1989 CONVERT WELLS TO WATER INJECTION WELLS

WELLS Conoco Inc., 726 E. Michigan, P.O. Box 460, Hobbs, New Mexico, Phone: (505)397-5800, Mr. D.L. Wacker, Division Manager of Production, intends for the purpose of secondary recovery, to convert the following well in Lea County to a water injection well. injection well. WELL NAME Langlie Lynn No. 5

LOCATION 1980' FSL & 1980' FEL Section 23, T23S, R36E

> TOTAL DEPTH 3734'

FORMATION 7-Rivers Queen

Operator plans to inject produced water at a rate of approximately 500 barrels per day with surface pre-ssure of about 650 psi. Any objections to this intent or request for hearing must be filed with the New Mexico Oil Conservation Division, P.O. Box 2088, Santa Fe, New Mexico, 87501 within 15 days from the date of this publication.



Consoo Inc. 726 East Michigan P.O. Box 460 Hobbs, NM 88241 (505) 397-5800

April 25, 1989

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Yours very truly,

David L. Wacker

Division Manager

COY:jd

Executed	the		day	of		1989.
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By

Mr. Hal J. Rasm	nussen
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Put your address in the "RETURN TO" Space on the re card from being returned to you. <u>The return receipt fee w</u> to and the date of delivery. For additional fees the follow for fees and check box(es) for additional service(s) req 1. Show to whom delivered, date, and addressee's (Extra charge)	ill provide you the name of the person delivere ving services are available. Consult postmaste uested.
3. Article Addressed to: Mr. Hal J. Rasmussen P.O. Box 10317 Midland, TX 79702	4. Article Number P732945132 Type of Service: ☐ Registered ☐ Insured ☑ Certified ☐ COD ☐ Express Mail ☐ Return Receipt for Merchandise Always obtain signature of addressee or agent and <u>DATE DELIVERED</u> .
 5. Signature - Address 8. Signature - Agent X. Line of Delivery MAY - 1 1989 	8. Addressee's Address (ONLY if requested and fee paid)

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Conoco Inc. 726 East Michigan P.O. Box 460 Hobbs, NM 88241 (505) 397-5800

April 25, 1989

ARCO Oil & Gas Company P. O. Box 1610 Midland, TX 79702

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Yours very truly,

David L. Wacker Division Manager

COY:jd

Executed	the	<u> </u>	day	of		1989.	
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Ву

ARCO Oil & Gas Company

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 Show to whom delivered, date, and addressee's a (Extra charge) 	(Extra charge)
3. Article Addressed to: Arco Dil+Bas Company	4. Article Number P732945131
Box 1610	Type of Service: Registered Insured Certified COD Express Mell Return Receipt
Midlard, TX 79702	Always obtain signature of addressee or agent and <u>DATE DELIVERED</u> .
5. Signature — Address X	B: Addressee's Address (ONLY if C requested and fee paid)
6. Signature – Agent	

CONOCO

David L. Wacker Division Manager Production Department Hobbs Division North American Production

Conoco Inc. 726 East Michigan P.O. Box 460 Hobbs, NM 88241 (505) 397-5800

April 25, 1989

Commissioner of Public Lands State Land Office P. O. Box 1148 Santa Fe, NM 87504-1148

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Yours very truly,

David L. Wacker

Division Manager

COY:jd

Executed	the	 day	of	1989.
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By .

1

Commissioner	of	Public	Lands	

SENDER: Complete items 1 and 2 when additions 3 and 4. Put your address in the "RETURN TO" Space on the rev card from being returned to you. <u>The return receipt fee will</u> to and the date of delivery. For additional fees the followill for fees and check box(es) for additional service(s) require 1.	erae side. Failure to do this will prevent this provide you the name of the person delivered ig services are available. Consult postmaste sted.
(Eatra charge)	(Extra charge)
3. Article Addressed to:	4. Article Number
Commissioner of Public Land State Land office	SP732945130
Sin in a second the second	Type of Service:
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P.O. Box 1148 1	
	Express Mail for Merchandise
Janta Fe, NM 87504-	Always obtain signature of addressee or agent and <u>DATE DELIVERED</u> .
5. Signature - Address	8. Addressee's Address (ONLY if requested and fee paid)
B. Signature – Agent K	S `
7. Data of Delivery	i i i
S Form 3811, Mar. 1988 + U.S.G.R.O. 1988-21	-865 DOMESTIC RETURN RECEI

AFFIDAVIT OF PUBLICATION

State of New Mexico, County of Lea.

I. George W. Moore

of the Hobbs Daily News-Sun, a daily newspaper published at Hobbs, New Mexico, do solemnly swear that the clipping attached hereto was published once a week in the regular and entire issue of said paper, and not a supplement thereof for a period

of___

One weeks. Beginning with the issue dated

<u>April 27</u>, 1989 and ending with the issue dated

27 . 1989 U. an Publisher.

Sworn and subscribed to before

dav of me this Notary Public.

My Commission expires_____

November 14 , 19 92

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> > TOTAL DEPTH 3734'

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conoco

David L. Macker Division Manager Production Department Hobbs Division North American Production

Conoco Inc. 726 East Michigan P.O. Box 460 Hobbs, NM 88241 (505) 397-5800

April 25, 1989

Mr. Hal J. Rasmussen P. O. Box 10317 Midland, TX 79702

Dear Mr. Rasmussen:

In accordance with New Mexico Oil Conservation Division regulations, you, as an offset operator, are hereby notified of Conoco's application to convert the Langlie Lynn No. 5 to a water injection well. This well is located 1980' FSL & 1980' FEL of Section 23, T23S, R36E, Lea County, New Mexico.

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Thank you for your cooperation in this matter. - If you have any questions, please contact Ms. Ceal Yarbrough at (505) 397-5825.

Yours very truly,

11 100 David L. Wacker

Division Manager

COY:jd

Executed the _____ day of _____, 1989.

Ву

Mr. Hal J. Rasmussen

and from being returned to you. <u>The return receipt fee w</u> o and the date of delivery. For additional fees the follow or fees and check box(es) for additional service(s) req I. Show to whom delivered, date, and addressee's (Extra charge)	uested.
Article Addressed to: Mr. Hal J. Rasmussen P.O. BOX 10317 Midland, TX 79702	4. Article Number P732945132 Type of Service: Begistered □ Insured Certified □ COD Express Mail □ Return Receipt for Merchandise Always obtain signature of eddressee or agent and <u>DATE DELIVERED</u> .
5. Signature - Address 6. 7. Signature - Agent 7. Date of Delivery MAV - 1 1989	8. Addressee's Address (ONLY if requested and fee paid)



Conoco Inc. 726 East Michigan P.O. Box 460 Hobbs, NM 88241 (505) 397-5800

April 25, 1989

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David L. Wacker

Division Manager

COY:jd

Executed the _____ day of _____, 1989.

By

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conoco

David L. Wacker Division Manager Production Department Hobbs Division North American Production

Conoco Inc. 726 East Michigan P.O. Box 460 Hobbs, NM 88241 (505) 397-5800

April 25, 1989

Commissioner of Public Lands State Land Office P. O. Box 1148 Santa Fe, NM 87504-1148

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Wacker David L.

Division Manager

COY:jd

Executed	the		day	of		1989.
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By

Commissioner	of	Public	Lands

ceipt fee will provide you the name of the person delivered is the following services are available. Consult postmaste rvice(s) requested. addresse's address. 2.
(Extra charge) 4. Article Number
Jant P732-945130
L Lands P732_945130 Type of Service: Registered Insured Certified COD Express Mell Return Receipt for Merchandise
_ Registered Insured
Express Mall Return Receipt
704 - Always obtain signature of addressee 1148 or egent and <u>DATE DELIVERED.</u>
8. Addressee's Address (ONLY if requested and fee paid)

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One weeks. Beginning with the issue dated

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November	14	 92
(Seal)		

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conoco

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April 25, 1989

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Yours very truly,

David L. Wacker

Division Manager

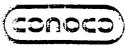
COY:jd

Executed the _____ day of _____, 1989.

By

Mr. Hal J. Rasmussen

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Conoco Inc. 726 East Michigan P.O. Box 460 Hobbs, NM 88241 (505) 397-5800

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Division Manager

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conoco

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U lac David L. Wacker

Division Manager

COY:jd

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Commissioner of Public Lands

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ommissionerof	Public Land	P732_945130
ommissioner of State Sland of	llice	Registered Insured
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Santa Fe, Nin	1 87504-	Atways obtain algosture of addressee or agent and <u>DATE DELIVERED</u> .
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