Shell Western E&P Inc.
A Subsidiary of Shell Oil Company

P.O. Box 576
Houston, TX 77001

October 10, 1988

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

Gentlemen:

SUBJECT: EXPANSION OF WATERFLOOD PROJECT
SHELL - NORTHEAST DRINKARD UNIT
NORTH EUNICE BLINEBRY-TUBB-DRINKARD OIL & GAS POOL
WELL NO. 216-K
SECTION 2, T21S, R37E
LEA COUNTY, NEW MEXICO

Shell Western E&P Inc. (SWEPI) respectfully requests administrative approval for expansion of the subject waterflood project. Division Order No. R-8541 granted November 9, 1987 authorized SWEPI to conduct the Northeast Drinkard Unit Waterflood Project within the subject pool.

In the original wellbore utilization strategy, the subject well was to be a Blinebry gas producer, while NEDU No. 218 was to be Blinebry/Tubb/Drinkard injector. Due to questionable casing integrity across the Drinkard in No. 218 however, we now propose to convert No. 216 to an injector and utilize No. 218 as a gas producer.

The following information is submitted in support of this request:

1. Plat of Unit identifying proposed injector and its project area.

2. Injection Well Data Sheet (with miscellaneous data attached).

3. An Affidavit of Publication certifying the newspaper legal notice.

4. List of offset operators and surface owner.

5. All entities in Item Four have been notified by certified mail.

XAD8826404 - 0001.0.0

If additional information is required, please advise.

Yours very truly,

A. J. Fore
Supervisor Regulatory and Permitting
Safety, Environmental and Administration
Western Division

JMW:SW

Attachments

cc: State of New Mexico
Energy and Minerals Department
Oil Conservation Division
P. O. Box 1980
Hobbs, NM 88240

State of New Mexico
Office of Land Commissioner
P. O. Box 1148
Santa Fe, NM 87501

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION
POST OFFICE BOX 2088
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87501

FORM C-108
Revised 7-1-81

APPLICATION FOR AUTHORIZATION TO INJECT

I. Purpose: [X] Secondary Recovery [ ] Pressure Maintenance [ ] Disposal [ ] Storage
Application qualifies for administrative approval? [X] yes [ ] no

II. Operator: SHELL WESTERN E&P INC.

Address: P. O. BOX 576, HOUSTON, TX 77001 (WCK 4435)

Contact party: A. J. FORE Phone: (713) 870-3787

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? [X] yes [ ] no
If yes, give the Division order number authorizing the project R-8541.

V. 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:

1. Proposed average and maximum daily rate and volume of fluids to be injected;
2. Whether the system is open or closed;
3. Proposed average and maximum injection pressure;
4. Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than reinjected produced water; and
5. 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 available 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: A. J. FORE Title SUPV. REG. & PERMITTING

Signature: A. J. Fore Date: OCTOBER 10, 1988

* 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. HEARING SEPTEMBER 24, 1987

CASE NO. 9232, ORDER NO. R-8541

DISTRIBUTION: Original and one copy to Santa Fe with one copy to the appropriate Division district office

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;

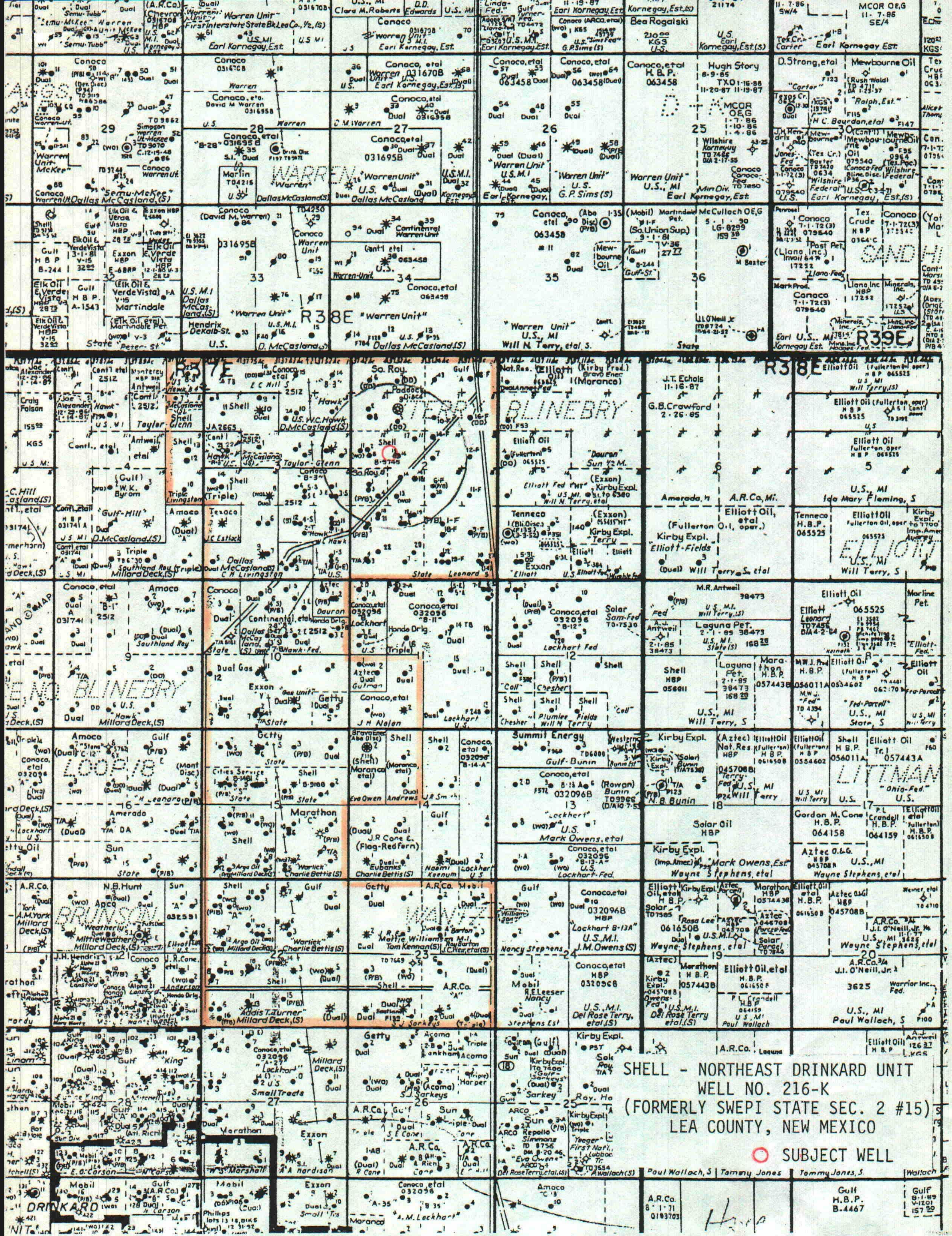
(2) the intended purpose of the injection well; with the exact location of single wells or the section, township, and range location of multiple wells;

(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.

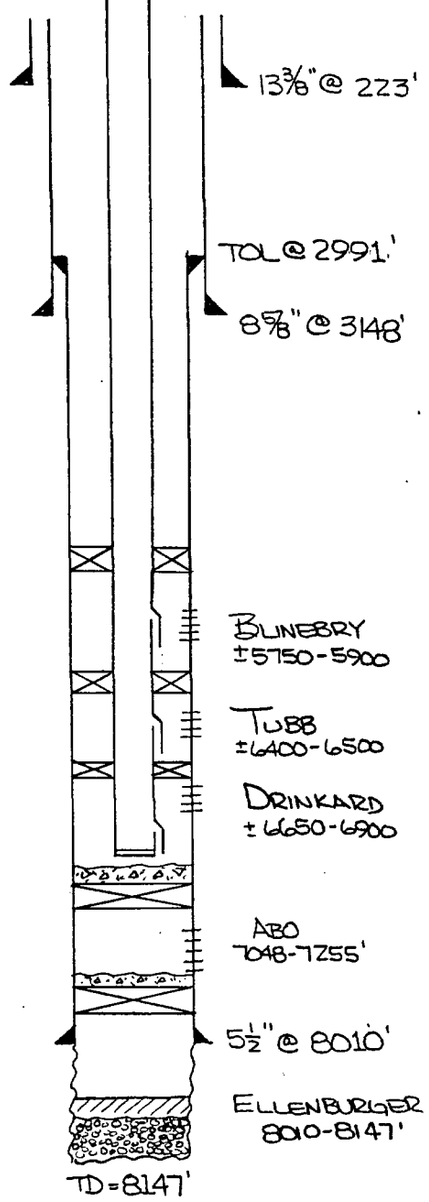

SHELL - NORTHEAST DRINKARD UNIT
WELL NO. 216-K
(FORMERLY SWEPI STATE SEC. 2 #15)
LEA COUNTY, NEW MEXICO
SUBJECT WELL
R38E
R39E
R37E
WARREN
BLINEBRY
TERRY
ELLIOTT
LITTMAN
LOOP
BRUNSON
WANTZ
DRINKARD

INJECTION WELL DATA SHEET

OPERATOR	LEASE	
SWEPI	NORTHEAST DRINKARD UNIT	(FORMERLY SWEPI's STATE SECTION 2 # 15)

WELL NO.	FOOTAGE LOCATION	SECTION	TOWNSHIP	RANGE
216W	3546' FNL & 1650' FWL		2-21S	-37E

Schematic



Tabular Data

Surface Casing

Size 13⅜" Cemented with 250 sx.

TOC SURF. feet determined by CIRC.

Hole size 17½"

Intermediate Casing

Size 8⅝" Cemented with 1600 sx.

TOC SURF feet determined by CIRC.

Hole size 11"

Long string

Size 5½ LINER" Cemented with 800 sx.

TOC TOL @ 2991' feet determined by CIRC.

Hole size 7⅞"

Total depth 8147' (LINER TO 8010')

Injection interval

±5750 feet to ±6950 feet (PERF'D)

(perforated or open-hole, indicate which)

* FLOW REGULATOR IN SIDEPOCKET MANDREL OPPOSITE EACH ZONE.

Tubing size 2⅜" lined with FIBERGLASS EPOXY (material) set in a

GUIBERSON UNI-VI (brand and model) packer at ±5700 feet

(or describe any other casing-tubing seal). W/ ISOLATION PKRS AT ±6350 AND ±6600'.

Other Data

1. Name of the injection formation BLINEBRY/TUBB/DRINKARD

2. Name of Field or Pool (if applicable) N. EUNICE BLIN/TUBB/DRINK. OIL & GAS POOL

3. Is this a new well drilled for injection? ☐ Yes ☒ No

If no, for what purpose was the well originally drilled?

ELLENBURGER OIL PRODUCER

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used)

ELLENBURGER (8010-8147', OPEN HOLE). ISOLATED W/ CMT CAPPED CIBP @ 7900'.

ABO (7048-7255'). ISOLATED W/ CMT CAPPED CIBP @ 6925'.

5. Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area.

V31.1

ATTACHMENT TO FORM C-108
NORTHEAST DRINKARD UNIT #216-K
MISCELLANEOUS DATA

III. WELL DATA

B.(5) next higher oil zone - Paddock @ 5323'
next lower oil zone - Abo @ 6925'

VII. PROPOSED OPERATION

1.	Average Injection Rate	1350 BWPD
	Maximum Injection Rate	2000 BWPD
2.	Closed Injection System	
3.	Average Injection Pressure	1000 psi
	Maximum Injection Pressure	Approximately 1200 psi (will not exceed 0.2 psi/ft. to top perforation)
4.	Source water - San Andres, Analysis attached	

IX. STIMULATION PROGRAM

Acid treatments with total volume of 9450 gals 15% HCl-NEA and diverting with ball sealers and rock salt.

CaCO3 0.44
CaSO4 N

SHELL WESTERN E&P INC.

WATER ANALYSIS REPORT

WESTERN DIVISION

SAMPLE DESCRIPTION

COMPANY Shell Western E&P, Inc.
FIELD
LEASE CDU
WELL NUMBER
COUNTY & STATE
PRODUCING FORMATION San Andres
WHERE SAMPLED Water Supply Well #200
REMARKS

LABORATORY Martin Water Labs., Inc.
LABORATORY NUMBER 387246
DATE SAMPLE TAKEN 3-17-87
DATE SAMPLE RECEIVED 3-26-87
DATE SAMPLE REPORTED 3-30-87

CHEMICAL AND PHYSICAL PROPERTIES

TOTAL HARDNESS Mg/L AS $CaCO_3$
TOTAL ALKALINITY Mg/L AS $CaCO_3$ 760

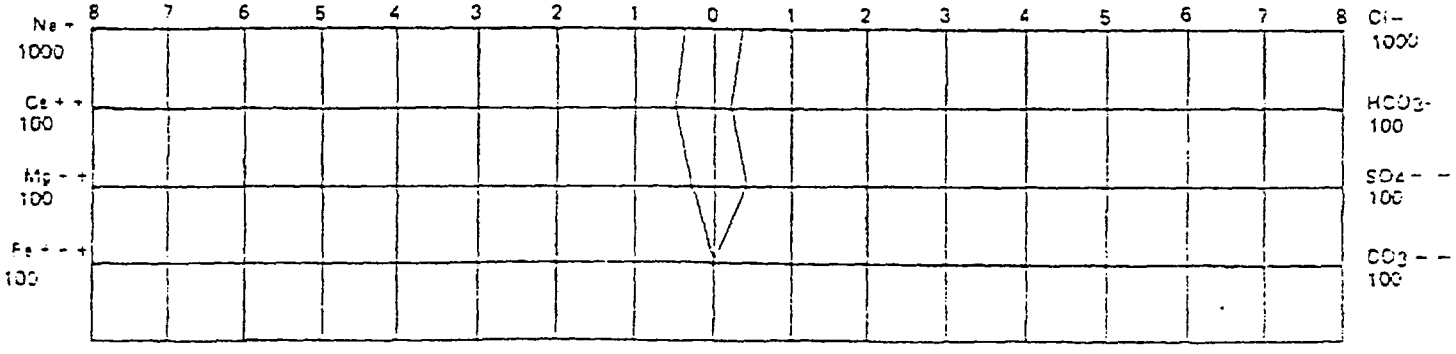
CONSTITUENT	Mg/LITER	REACT. COEF.	Meq/LITER
SODIUM (INCL. POTASSIUM) AS Na^+	10,057	0.04350	437.3
CALCIUM – Ca^{++}	1,000	0.04990	49.9
MAGNESIUM – Mg^{++}	334	0.08224	27.5
IRON TOTAL – Fe^{++} & Fe^{+++}	2.9	0.03581	0.1
BARIUM – Ba^{++}		0.01460	
POSITIVE SUB-TOTAL	11,394		514.8
CHLORIDE – Cl –	14,914	0.02820	420.6
~~CARBONATE~~ BICARBONATE – ~~$CO_3^=$~~ & HCO_3^-	927	0.01639 *	15.2
SULFATE – $SO_4^=$	2,027	0.02082	42.2
HYDROXYL – OH –	0	0.05880	0.0
SULFIDE – S =	589	0.03238	36.8
NEGATIVE SUB-TOTAL	18,457		514.8
TOTAL DISSOLVED SOLIDS	29,851		1,029.6

* BICARBONATE

SPECIFIC GRAVITY 1.0222 @ 60 °F pH 6.74 RES. 0.270 @ 80 °F

ANALYST
REQUESTED BY Mr. Donnie Anderson, Hobbs

REACTION VALUE = (MILLIGRAMS/LITER) X (REACTION COEFFICIENT)
REACTION COEFFICIENT = VALENCE ÷ MOLECULAR WEIGHT.



SHELL WESTERN E&P INC.

WATER ANALYSIS REPORT

MID-CONTINENT DIVISION

SAMPLE DESCRIPTION

COMPANY SWEPI
FIELD DRINKARD
LEASE TURNER
WELL NUMBER 2
COUNTY & STATE LEA, NEW MEXICO
PRODUCING FORMATION BLINEBERRY
WHERE SAMPLED
REMARKS

LABORATORY
LABORATORY NUMBER
DATE SAMPLE TAKEN 4/8
DATE SAMPLE RECEIVED 4/8
DATE SAMPLE REPORTED 4/9

CHEMICAL AND PHYSICAL PROPERTIES

TOTAL HARDNESS Mg/L AS $CaCO_3$ 30500

TOTAL ALKALINITY Mg/L AS $CaCO_3$ 202

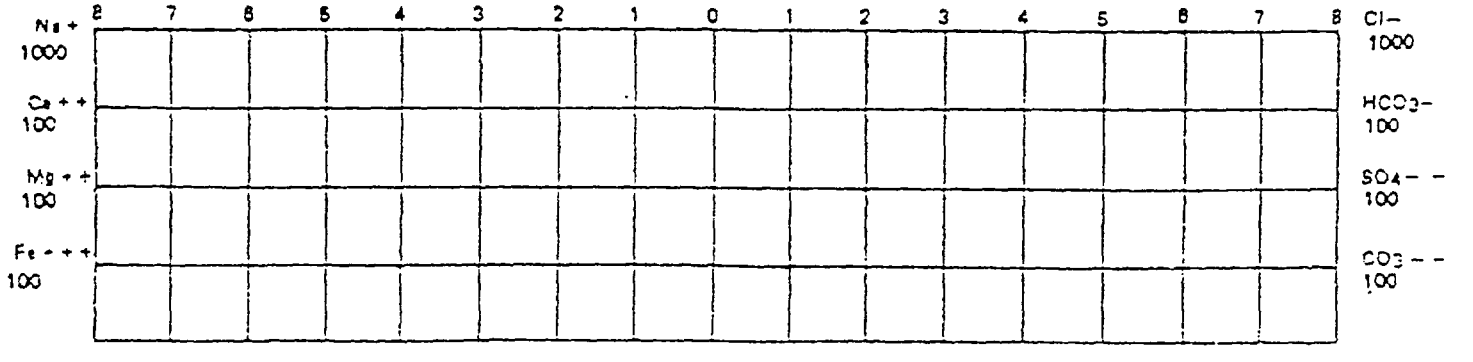
CONSTITUENT	Mg/LITER	REACT. COEF.	Meq/LITER
SODIUM (INCL. POTASSIUM) AS Na^+	46995	0.04350	
CALCIUM – Ca^{++}	7400	0.04990	
MAGNESIUM – Mg^{++}	2916	0.08224	
IRON TOTAL – Fe^{++} & Fe^{+++}	44	0.03581	
BARIUM – Ba^{++}	0	0.01480	
POSITIVE SUB-TOTAL	57355		
CHLORIDE – Cl^-	93035	0.02820	
CARBONATE & BICARBONATE – $CO_3^=$ & HCO_3^-	246	0.01639 *	
SULFATE – $SO_4^=$	1262	0.02082	
HYDROXYL – OH^-	0	0.05880	
SULFIDE – $S^=$	0	0.06238	
NEGATIVE SUB-TOTAL	94543		
TOTAL DISSOLVED SOLIDS	151898		

* BICARBONATE

SPECIFIC GRAVITY 1.1068 @ 60 °F pH 6.33 RES. .069 @ 80 °F

ANALYST
REQUESTED BY

REACTION VALUE = (MILLIGRAMS/LITER) X (REACTION COEFFICIENT)
REACTION COEFFICIENT = VALENCE ÷ MOLECULAR WEIGHT.



$CaCO_3$ −0.87 (NONE

$CaSO_4$ N

SHELL WESTERN E&P INC.

WATER ANALYSIS REPORT

WESTERN DIVISION

SAMPLE DESCRIPTION

COMPANY Shell Western E&P, Inc.
FIELD Drinkard
LEASE Argo
WELL NUMBER #5
COUNTY & STATE Lea, NM
PRODUCING FORMATION Tubb
WHERE SAMPLED
REMARKS

LABORATORY Martin Water Labs., Inc.
LABORATORY NUMBER 38790
DATE SAMPLE TAKEN
DATE SAMPLE RECEIVED 3-12-87
DATE SAMPLE REPORTED 3-16-87

CHEMICAL AND PHYSICAL PROPERTIES

TOTAL HARDNESS Mg/L AS $Ca CO_3$ 5,750

TOTAL ALKALINITY Mg/L AS $Ca CO_3$ 90

CONSTITUENT	Mg/LITER	REACT. COEF.	Meq/LITER
SODIUM (INCL. POTASSIUM) AS Na^+	6,152	0.04350	267.4
CALCIUM – Ca^{++}	1,640	0.04990	81.8
MAGNESIUM – Mg^{++}	401	0.08224	33.0
IRON TOTAL – Fe^{++} & Fe^{+++}	255	0.03581	9.2
BARIUM – Ba^{++}	0	0.01460	0.0
POSITIVE SUB–TOTAL	8,448		391.4
CHLORIDE – Cl^-	13,494	0.02820	380.5
~~CARBONATE~~ & BICARBONATE – ~~$CO_3^=$~~ & HCO_3^-	110	0.01639 *	1.8
SULFATE – $SO_4^=$	438	0.02082	9.1
HYDROXYL – OH^-	0	0.05880	0.0
SULFIDE – $S^=$	0.0	0.05238	0.0
NEGATIVE SUB–TOTAL	14,041		391.4
TOTAL DISSOLVED SOLIDS	22,490		782.8

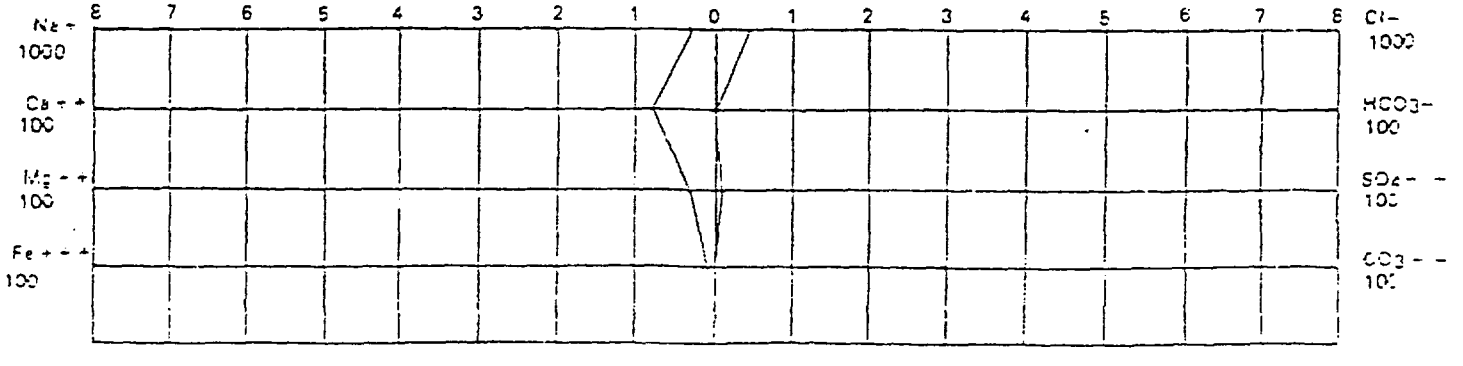
* BICARBONATE

SPECIFIC GRAVITY 1.0181 @ 60 °F pH 6.02 RES. 0.390 @ 80 °F

ANALYST

REQUESTED BY Mr. Donnie Anderson, Hobbs

REACTION VALUE = (MILLIGRAMS/LITER) X (REACTION COEFFICIENT)
REACTION COEFFICIENT = VALENCE ÷ MOLECULAR WEIGHT.



$CaCO_3$ - 0.58 (NONE
$CaSO_4$ N

SHELL WESTERN E&P INC.

WATER ANALYSIS REPORT

WESTERN DIVISION

SAMPLE DESCRIPTION

COMPANY Shell Western E&P, Inc.
FIELD Drinkard
LEASE Argo "A"
WELL NUMBER #3
COUNTY & STATE Lee, NM
PRODUCING FORMATION Drinkard
WHERE SAMPLED
REMARKS

LABORATORY Martin Water Labs., Inc.
LABORATORY NUMBER 38791
DATE SAMPLE TAKEN
DATE SAMPLE RECEIVED 3-12-87
DATE SAMPLE REPORTED 3-16-87

CHEMICAL AND PHYSICAL PROPERTIES

TOTAL HARDNESS Mg/L AS $CaCO_3$ 23,200
TOTAL ALKALINITY Mg/L AS $CaCO_3$ 106

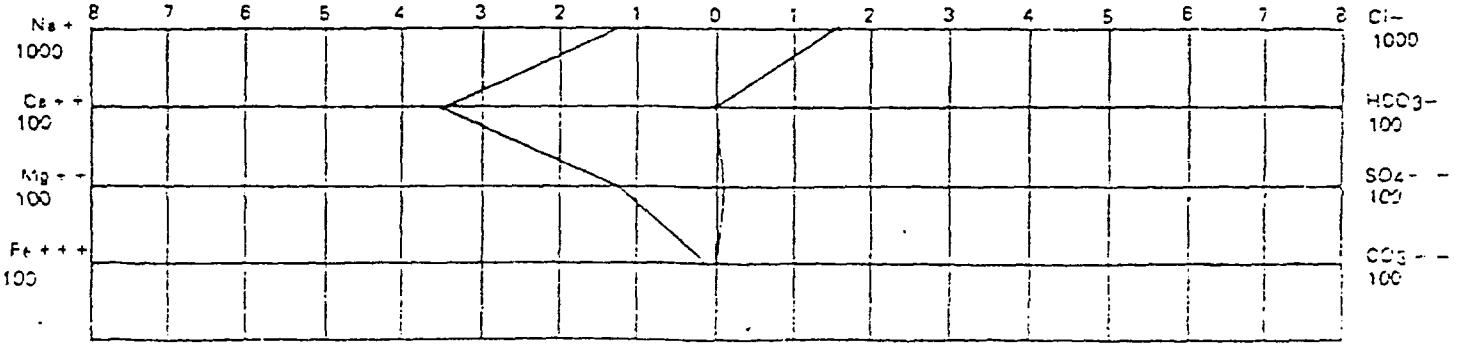
CONSTITUENT	Mg/LITER	REACT. COEF.	Meq/LITER
SODIUM (INCL. POTASSIUM) AS Na^+	26,603	0.04350	1,156.6
CALCIUM – Ca^{++}	6,920	0.04990	345.3
MAGNESIUM – Mg^{++}	1,434	0.08224	117.9
IRON TOTAL – Fe^{++} & Fe^{+++}	351	0.03581	12.6
BARIUM – Ba^{++}	0	0.01460	0.0
POSITIVE SUB–TOTAL	35,308		1,632.4
CHLORIDE – Cl^-	57,525	0.02820	1,622.2
~~CARBONATE~~ & BICARBONATE – ~~$CO_3^=$~~ & HCO_3^-	129	0.01639 *	2.1
SULFATE – $SO_4^=$	390	0.02082	8.1
HYDROXYL – OH^-	0	0.05880	0.0
SULFIDE – $S^=$	0.0	0.06238	0.0
NEGATIVE SUB--TOTAL	58,045		1,632.4
TOTAL DISSOLVED SOLIDS	93,353		3,264.8

* BICARBONATE

SPECIFIC GRAVITY 1.0651 @ 60 °F pH 5.9 RES. 0.098 @ 80 °F

ANALYST
REQUESTED BY Mr. Donnie Anderson, Hobbs

REACTION VALUE = (MILLIGRAMS/LITER) X (REACTION COEFFICIENT)
REACTION COEFFICIENT = VALENCE ÷ MOLECULAR WEIGHT.



SWEP-257

$CaCO_3$ 0.63

$CaSO_4$ 10.22

SHELL WESTERN E&P INC.

WATER ANALYSIS REPORT

WESTERN DIVISION

SAMPLE DESCRIPTION

COMPANY Shell Western E&P, Inc.
FIELD Drinkard
LEASE Sarkey
WELL NUMBER
COUNTY & STATE Lea, NM
PRODUCING FORMATION
WHERE SAMPLED
REMARKS

LABORATORY Martin Water Labs., Inc.
LABORATORY NUMBER 48739
DATE SAMPLE TAKEN 3-30-87
DATE SAMPLE RECEIVED 4-2-87
DATE SAMPLE REPORTED 4-8-87

CHEMICAL AND PHYSICAL PROPERTIES

TOTAL HARDNESS Mg/L AS $CaCO_3$ 29,600

TOTAL ALKALINITY Mg/L AS $CaCO_3$ 330

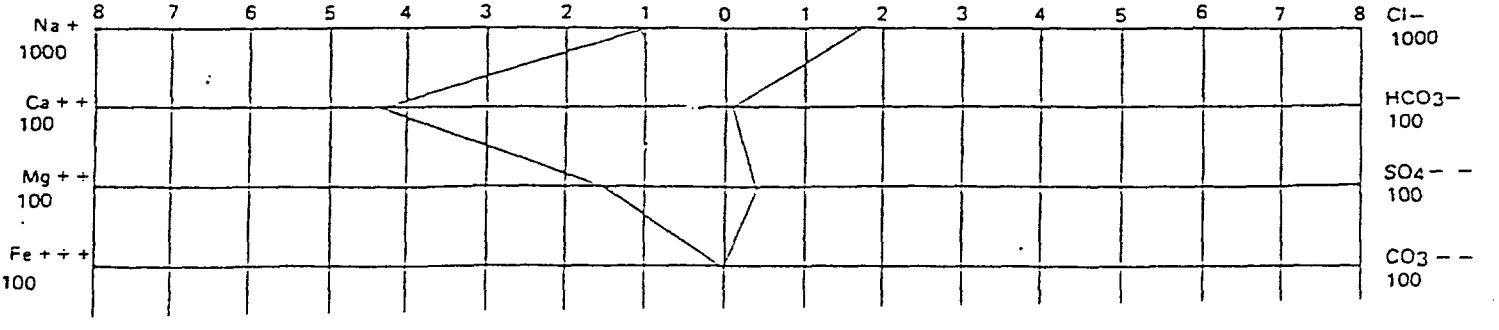
CONSTITUENT	Mg/LITER	REACT. COEF.	Meq/LITER
SODIUM (INCL. POTASSIUM) AS Na^+	25,607	0.04350	1,113.4
CALCIUM – Ca^{++}	8,680	0.04990	433.1
MAGNESIUM – Mg^{++}	1,920	0.08224	157.9
IRON TOTAL – Fe^{++} & Fe^{+++}	21.6	0.03581	0.8
BARIUM – Ba^{++}	0	0.01460	0.0
POSITIVE SUB–TOTAL	36,228		1,705.2
CHLORIDE – Cl^-	58,946	0.02820	1,662.3
~~CARBONATE~~ & BICARBONATE – ~~$CO_3^=$~~ & HCO_3^-	403	0.01639 *	6.6
SULFATE – $SO_4^=$	1,742	0.02082	36.3
HYDROXYL – OH^-	0	0.05880	0.0
SULFIDE – $S^=$	0.0	0.06238	0.0
NEGATIVE SUB–TOTAL	61,090		1,705.2
TOTAL DISSOLVED SOLIDS	97,318		3,410.4

* BICARBONATE

SPECIFIC GRAVITY 1.0770 @ 60 °F pH 6.49 RES. 0.096 @ 80 °F

ANALYST
REQUESTED BY Mr. Donnie Anderson, Hobbs

REACTION VALUE = (MILLIGRAMS/LITER) X (REACTION COEFFICIENT)
REACTION COEFFICIENT = VALENCE ÷ MOLECULAR WEIGHT.



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 September 23, 19 88

and ending with the issue dated September 23, 19 88

George W. Moore
Publisher.

Sworn and subscribed to before me this 5 day of October, 19 88

Notary Public.

My Commission expires November 14, 19 88
(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.

LEGAL NOTICE
September 23, 1988

NOTICE is hereby given of the application of Shell Western E&P Inc., Attention: A. J. Fore, Supervisor Regulatory and Permitting, P.O. Box 576, Houston, TX 77001, (713) 870-3787, to the Oil Conservation Division, New Mexico Energy & Minerals Department, for approval of the following injection well for the purpose of secondary recovery.

Pool Name: North Eunice Blinebry-Tubb-Drinkard Oil & Gas

Lease/Unit Name: Northeast Drinkard Unit

Well No.: 216

Location: 3546' FNL and 1650' FWL Sec. 2, T21S, R37E; NMPM, Lea County, New Mexico,

The injection formation are the Blinebry, Tubb and Drinkard at depths of approximately 5700', 6180' and 6650' respectively below the surface of the ground. Expected maximum injection rate is 2000 barrels per day, and expected maximum injection pressure is 1200 psi. Interested parties must file objections or requests for hearing with the Oil Conservation Division, P.O. Box 2088, Santa Fe, New Mexico 87501, within fifteen (15) days.

SERVICE LIST
SHELL - NORTHEAST DRINKARD UNIT
WELL NO. 216-K
EXPANSION OF WATERFLOOD PROJECT

OFFSET OPERATORS

Southland Royalty Co.
21 Desta Dr.
Midland, TX 79701

Chevron USA Inc.
P. O. Box 670
Hobbs, NM 88240

Conoco Inc.
P. O. Box 460
Hobbs, NM 88240

SURFACE OWNER

State of New Mexico
ATTN Alex Fraley
3800 N. Grimes
Hobbs, NM 88240

PS Form 3811, July 1983 447-845

SENDER: Complete items 1, 2, 3 and 4.

Put your address in the "RETURN TO" space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check box(es) for service(s) requested.

1. ☒ Show to whom, date and address of delivery.
2. ☐ Restricted Delivery.

3. Article Addressed to:

Southland Royalty Co.
21 Desta Dr.
Midland, TX 79701

4. Type of Service:	Article Number
☐ Registered ☐ Insured ☒ Certified ☐ COD ☐ Express Mail	P 495 091 403

Always obtain signature of addressee or agent and DATE DELIVERED.

5. Signature – Addressee
X

6. Signature – Agent
X

7. Date of Delivery

8. Addressee's Address *(ONLY if requested and fee paid)*

DOMESTIC RETURN RECEIPT

PS Form 3811, July 1983 447-845

SENDER: Complete items 1, 2, 3 and 4.

Put your address in the "RETURN TO" space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check box(es) for service(s) requested.

1. ☒ Show to whom, date and address of delivery.
2. ☐ Restricted Delivery.

3. Article Addressed to:

Chevron USA Inc.
P. O. Box 670
Hobbs, NM 88240

4. Type of Service:	Article Number
☐ Registered ☐ Insured ☒ Certified ☐ COD ☐ Express Mail	P 495 091 404

Always obtain signature of addressee or agent and DATE DELIVERED.

5. Signature – Addressee
X

6. Signature – Agent
X

7. Date of Delivery

8. Addressee's Address *(ONLY if requested and fee paid)*

DOMESTIC RETURN RECEIPT

PS Form 3811, July 1983 447-845

SENDER: *Complete items 1, 2, 3 and 4.*

Put your address in the "RETURN TO" space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check box(es) for service(s) requested.

1. ☒ Show to whom, date and address of delivery.
2. ☐ Restricted Delivery.

3. Article Addressed to:

CONOCO INC.
P. O. BOX 460
HOBBS, NM 88240

4. Type of Service:	Article Number
☐ Registered ☐ Insured ☒ Certified ☐ COD ☐ Express Mail	P 495 091 405

Always obtain signature of addressee or agent and DATE DELIVERED.

5. Signature – Addressee

X

6. Signature – Agent

X

7. Date of Delivery

8. Addressee's Address *(ONLY if requested and fee paid)*

DOMESTIC RETURN RECEIPT

PS Form 3811, July 1983 447-845

SENDER: Complete items 1, 2, 3 and 4.

Put your address in the "RETURN TO" space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check box(es) for service(s) requested.

1. ☒ Show to whom, date and address of delivery.
2. ☐ Restricted Delivery.

3. Article Addressed to:

State of New Mexico
ATTN Alex Fraley
3800 N. Grimes
Hobbs, NM 88240

4. Type of Service:	Article Number
☐ Registered ☐ Insured ☒ Certified ☐ COD ☐ Express Mail	P 495 091 406

Always obtain signature of addressee or agent and DATE DELIVERED.

5. Signature – Addressee

X

6. Signature – Agent

X

7. Date of Delivery

8. Addressee's Address *(ONLY if requested and fee paid)*

DOMESTIC RETURN RECEIPT

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION
HOBBS DISTRICT OFFICE

GARREY CARRUTHERS
GOVERNOR

Oct 14, 1988

POST OFFICE BOX 1980
HOBBS, NEW MEXICO 88241-1980
(505) 393-6161

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

RE: Proposed:
MC
DHC
NSL
NSP
SWD
WFX X
PMX

Gentlemen:

I have examined the application for the:

Shell Western E&P Inc. #216-K 2-21-37
Operator Lease & Well No. Unit S-T-R

and my recommendations are as follows:

OK JS

Yours very truly,

Jerry Sexton
Supervisor, District 1

/ed