05. July. 05 | W. Jones | 10. July. 05 | SWD | pCLP0719129210

977-A

NEW MEXICO OIL CONSERVATION DIVISION
- Engineering Bureau -
1220 South St. Francis Drive, Santa Fe, NM 87505

ADMINISTRATIVE APPLICATION CHECKLIST

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

Application Acronyms:

[NSL-Non-Standard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous Dedication]
[DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]
[PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]
[WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]
[SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]
[EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

[1] TYPE OF APPLICATION - Check Those Which Apply for [A]

[A] Location - Spacing Unit - Simultaneous Dedication
☐ NSL ☐ NSP ☐ SD

Check One Only for [B] or [C]

[B] Commingling - Storage - Measurement
☐ DHC ☐ CTB ☐ PLC ☐ PC ☐ OLS ☐ OLM

[C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery
☐ WFX ☐ PMX ☒ SWD ☐ IPI ☐ EOR ☐ PPR

[D] Other: Specify _____

[2] NOTIFICATION REQUIRED TO: - Check Those Which Apply, or Does Not Apply

[A] ☐ Working, Royalty or Overriding Royalty Interest Owners

[B] ☐ Offset Operators, Leaseholders or Surface Owner

[C] ☐ Application is One Which Requires Published Legal Notice

[D] ☐ Notification and/or Concurrent Approval by BLM or SLO
U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office

[E] ☐ For all of the above, Proof of Notification or Publication is Attached, and/or,

[F] ☐ Waivers are Attached

[3] SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE.

[4] CERTIFICATION: I hereby certify that the information submitted with this application for administrative approval is accurate and complete to the best of my knowledge. I also understand that no action will be taken on this application until all relevant information and notifications are submitted to the Division.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL
RESOURCES DEPARTMENT

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

FORM C-108
Revised June 10, 2003

APPLICATION FOR AUTHORIZATION TO INJECT

I. PURPOSE: _____Secondary Recovery _____Pressure Maintenance ____X____Disposal _____Storage
Application qualifies for administrative approval? ____X_____Yes _____No

II. OPERATOR: **Ray Westall**

ADDRESS: **P.O. Box 4, Loco Hills , NM 88255**

CONTACT PARTY: ___Randall Harris_____ PHONE: _505.365.2237__

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: _____

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.

RECEIVED
2007 JUL 5 PM 3 00

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 geologic data on the injection zone including appropriate lithologic detail, geologic 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 sources 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 sources 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: **Randall Harris** TITLE: ***Geologits***

SIGNATURE: _____ DATE: 07/03/07

E-MAIL ADDRESS: **rharrisnm@aim.com**

* If the information required under Sections VI, VIII, X, and XI above has been previously submitted, it need not be resubmitted. Please show the date and circumstances of the earlier submittal: ***Approved as SWD-977 on 4/14/05***

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 the 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, 1220 South St. Francis Dr., Santa Fe, New Mexico 87505, within 15 days.

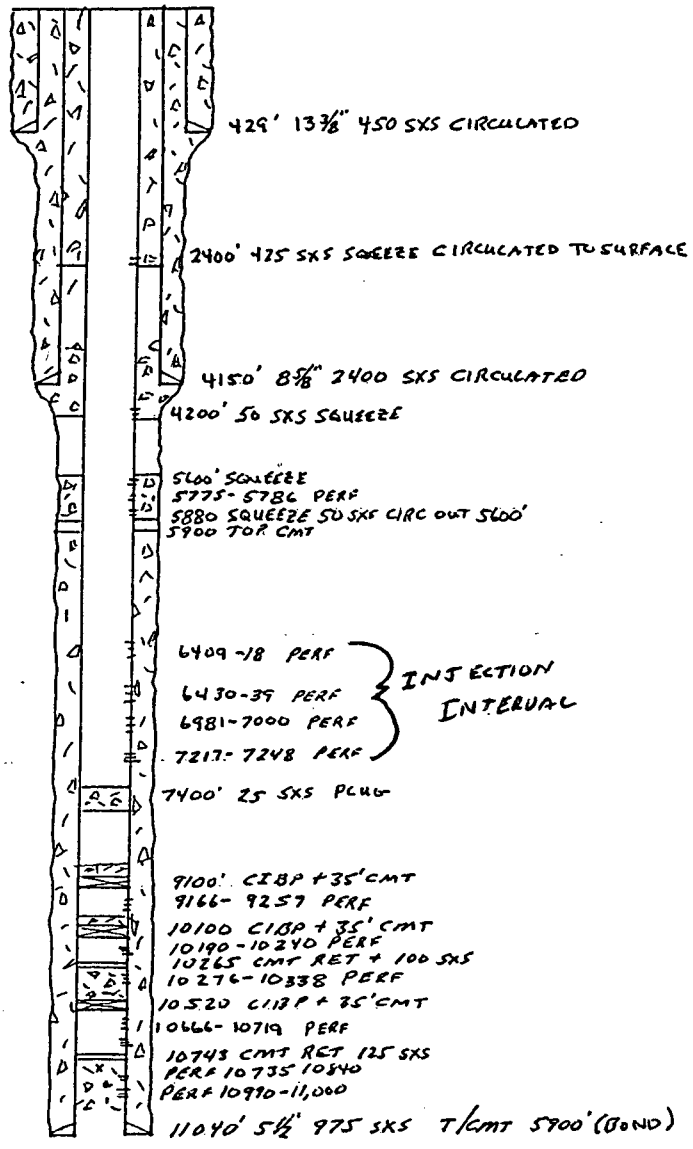
NO ACTION WILL BE TAKEN ON THE APPLICATION UNTIL PROPER PROOF OF NOTICE HAS BEEN SUBMITTED.

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.

INJECTION WELL DATA SHEET

RAY WESTALL
STATE NO #1
1980' FNL & 660' FWL SEC 7 T19S-R36E
30-025-28468

Schematic



Tubular Data

Surface Casing
Size 13 3/8" 48 & 72# Set @ 429"Cemented with 450 sxs Circulated Hole size 17 1/2"

Intermidate Casing
Size 8 5/8" 32 & 24# set @ 4140 Cemented with 2400 sxs Circulated Hole size 11"

Long String
Size 5 ½ 17 & 15.5# set @ 11040 Cemented with 975 sxs TOC 5900' (temp survey)Squeeze 50 sxs 5880'-5600' Squeeze 25sxs 4202' Squeeze 425 sxs 2101' Circulate to surface Hole size 7 7/8"

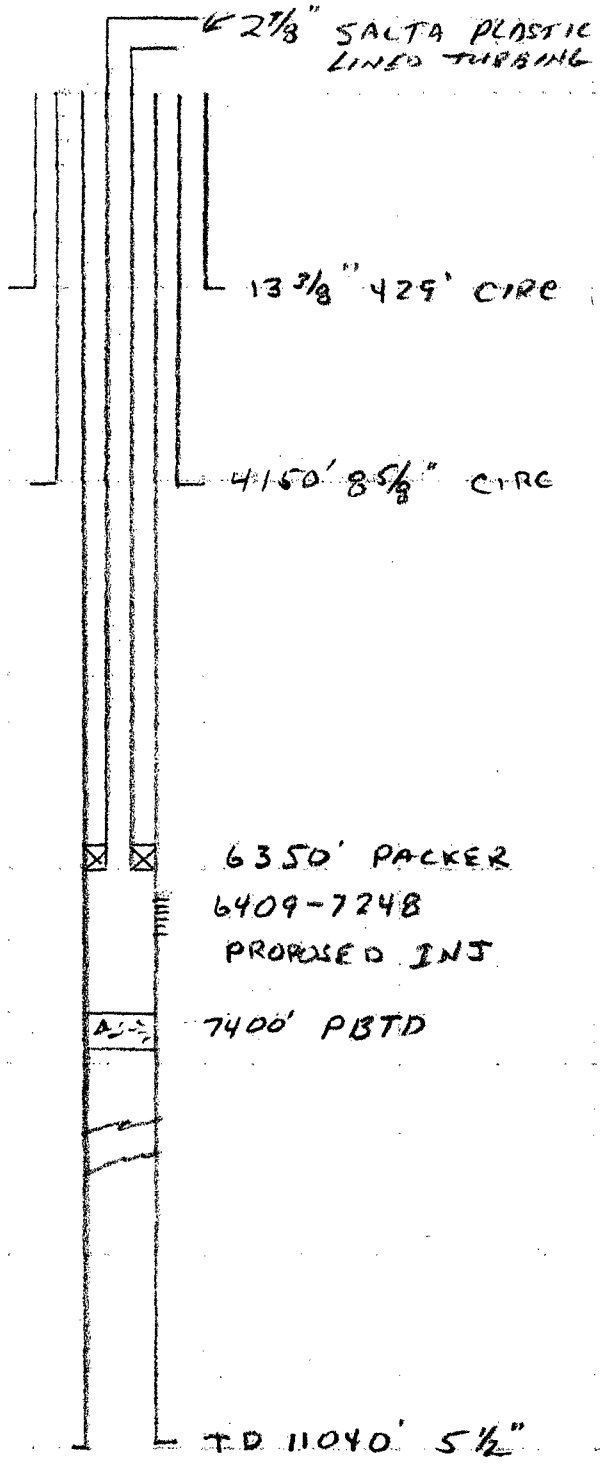
Injection interval
6409' to 7248' feet Perforated

Tubing size 2 7/8" lined with Plastic set in a Baker Loc-set packer at 6300 feet.

Other Data

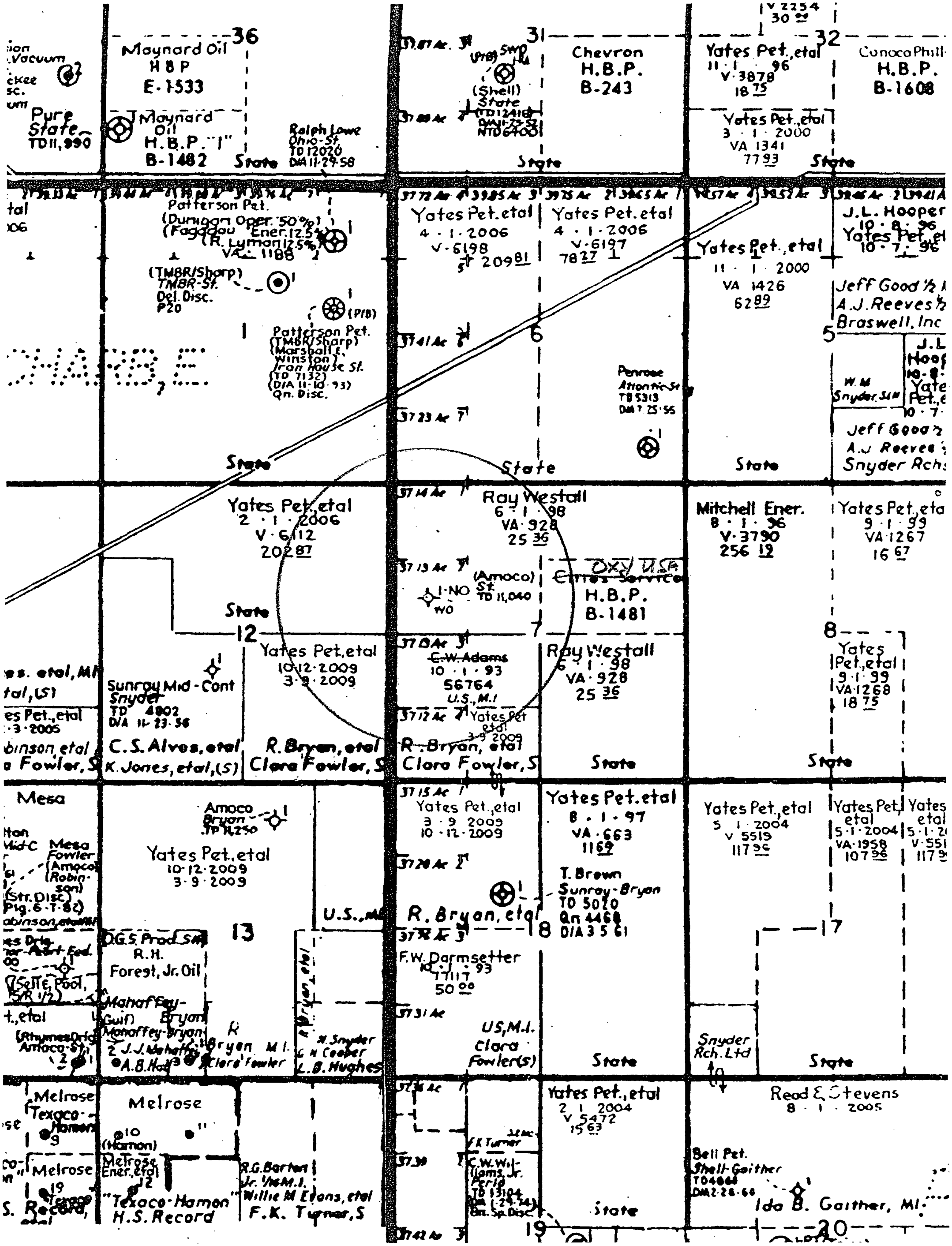
1. Name of the injection formation. DELAWARE
2. Name of field or pool. WILDCAT
3. Is this a new well drilled for injection? No
   If no, for what purpose was the sell originally drilled? Oil & Gas production
4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug (s) used. See Schematic
5. Give the depth to and name of any overlying or underlying oil or gas zones in this area. None

STATE "NO" #1
30-025-28468
PROPOSED

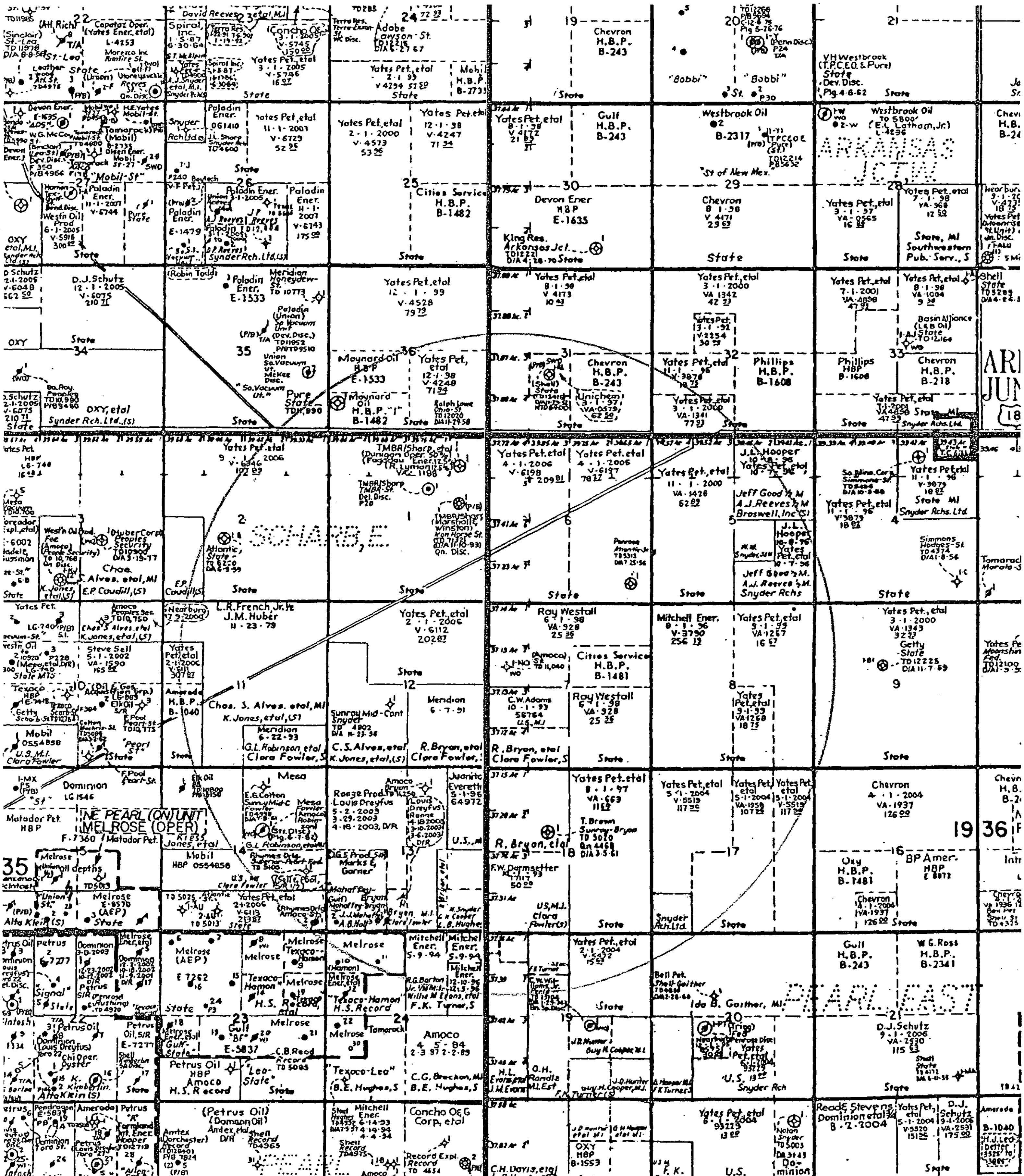


ATTACHMENT V

Maps that identifies all wells of public record within two miles of each proposed injection well, and the area of review one-half mile radius around each proposed injection well.



Maynard Oil
H B P
E-1533
Pure State
TD 11,990
Maynard Oil
H.B.P. "1"
B-1482
Ralph Lowe
Ohio-St.
TD 12020
D/A 11-29-58
State
Chevron
H.B.P.
B-243
Yates Pet., etal
11 · 1 · 96
V-3878
18 75
ConocoPhill
H.B.P.
B-1608
Yates Pet. etal
3 · 1 · 2000
VA 1341
77 93
Patterson Pet.
(Dunigan Oper. 50%)
(Fagadau Ener. 12.5%)
(R. Lyman 12.5%)
VA 1188
(TMBR/Sharp)
TMBR-St.
Del. Disc.
P20
Patterson Pet.
(TMBR/Sharp)
Iron House St.
(TD 7132)
(D/A 11-10-93)
Qn. Disc.
Yates Pet. etal
4 · 1 · 2006
V-6198
209 81
Yates Pet. etal
4 · 1 · 2006
V-6197
78 27
J.L. Hooper
Yates Pet. etal
11 · 1 · 2000
VA 1426
62 89
Jeff Good ½
A.J. Reeves ½
Braswell, Inc
Penrose
Atlantic-St.
TD 5313
Snyder Rchs
Yates Pet. etal
2 · 1 · 2006
V-6112
202 87
Ray Westall
6 · 1 · 98
VA-928
25 36
Mitchell Ener.
8 · 1 · 96
V-3790
256 19
Yates Pet. etal
9 · 1 · 99
VA-1267
16 67
(Amoco)
St.
TD 11,040
1-NO
WO
OXY U.S.A.
Cities Service
H.B.P.
B-1481
Yates Pet. etal
10 · 12 · 2009
3 · 9 · 2009
C.W. Adams
10 · 1 · 93
56764
U.S., M.I
Ray Westall
6 · 1 · 98
VA-928
25 36
Yates Pet. etal
9 · 1 · 99
VA-1268
18 75
Sunray Mid-Cont
Snyder
TD 4802
D/A 11-23-56
C.S. Alves, etal
K. Jones, etal, (S)
R. Bryan, etal
Clara Fowler, S
State
Mesa
Amoco
Bryan
TD 11,250
Yates Pet. etal
10 · 12 · 2009
3 · 9 · 2009
Yates Pet., etal
3 · 9 · 2009
10 · 12 · 2009
Yates Pet. etal
8 · 1 · 97
VA-663
11 69
Yates Pet., etal
5 · 1 · 2004
V 5519
117 96
Yates Pet. etal
5 · 1 · 2004
VA-1958
107 96
T. Brown
Sunray-Bryan
TD 5020
Qn 4468
D/A 3 5 61
R. Bryan, etal
O.G.S. Prod. St.
R.H.
Forest, Jr. Oil
F.W. Darmsetter
10 · 1 · 93
50 00
US, M.I.
Clara Fowler(S)
Snyder Rch. Ltd
Melrose
Yates Pet., etal
2 · 1 · 2004
V 5472
15 63
Read & Stevens
8 · 1 · 2005
Bell Pet.
Shell-Gaither
Ida B. Gaither, MI.
Texaco-Hamon
H.S. Record
R.G. Barton Jr. ½ M.I.
Willie M Evans, etal
F.K. Turner, S
C.W. Williams, Jr.
State
36
31
32
1
6
5
12
7
8
13
18
17
19
20



Chevron
H.B.P.
B-243
"Bobbi"
Westbrook Oil
Gulf
H.B.P.
B-243
Cities Service
H.B.P.
B-1482
Devon Ener
E-1635
King Res.
Arkansas Jct.
State
Yates Pet.,etal
Phillips
H.B.P.
B-1608
Chevron
H.B.P.
B-218
Maynard Oil
H.B.P. "I"
B-1482
Synder Rch. Ltd.,(S)
OXY, etal
Unichem
SCHABBE
Chas. S. Alves, etal, MI
E.P. Caudill,(S)
Jeff Good ½ M
A.J. Reeves ½ M
Broswell, Inc.(S)
Snyder Rchs
Ray Westall
Mitchell Ener.
Cities Service
H.B.P.
B-1481
L.R.French, Jr. ½
J.M.Huber
C.S.Alves, etal
K.Jones, etal,(S)
Clara Fowler, S
R. Bryan, etal
NE PEARL (QN) UNIT
MELROSE (OPER)
Matador Pet.
Dominion
Mesa
Oxy
H.B.P.
B-1481
BP Amer.
Chevron
W.G.Ross
H.B.P.
B-2341
PEARL EAST
Ida B. Gaither, MI
D.J. Schutz
Melrose
Petrus Oil
Amoco
H.S. Record
B.E. Hughes, S
C.G. Brecken, MI
Snyder Rch
U.S.
F.K. Turner
Concho O&G
Corp., etal
Read & Stevens
Dominion etal
C.H. Davis, etal
L.B. Hughes

ATTACHMENT VI

Data on all wells of public record within the area of review. Included are schematics of the plugged wells that penetrated the proposed injection zone within the area of review.

No wells within area of review.

ATTACHMENT VII

1. Proposed average of 150 bbls per day and maximum of 300 bbls per day of injected fluids. At a rate of one bbl per minuet.

2. System will be closed.

3. Average anticipated pressure of 450 psi and a maximum of 800 psi.

4. Source of produced water is produced water from the surrounding area.

5. Typical water analysis attached.

Data prepared by: Donald A. Beaudry
Affiliation: Shell Oil Company
Date: Aug. 15, 1960

Field Name: Pearl Queen
Location: T. 19 S., R. 35 E.
County & State: Lea Co., N. Mex.

DISCOVERY WELL: Shell Oil Co. #1 Hooper
COMPLETION DATE: Sept. 12, 1955
PAY ZONE: Queen-Penrose thin sandstone beds.

TYPICAL CORE ANALYSIS OF A PAY INTERVAL IN THIS FIELD:

Perm. in millidarcys		% Porosity	Liquid Saturation (% of pore space)	
Horizontal	Vertical		Water	Oil
2-62	NA	18	35.0	6.4

OTHER SHOWS ENCOUNTERED IN THIS FIELD:

Seven Rivers, San Andres, Bone Spring, Pennsylvanian (Atoka)

TRAP TYPE: Stratigraphic
NATURE OF OIL: 36° Gravity API
NATURE OF GAS:
NATURE OF PRODUCING ZONE WATER: Resistivity: ohm-meters @ °F.

	Total Solids	Na+K	Ca	Mg	Fe	SO_4	Cl	CO_3	HCO_3	OH	H_2S
ppm	234,000	66,000	14,000	7,000	X	500	146,000	X	150	X	X

INITIAL FIELD PRESSURE: 1750 psig
TYPE OF DRIVE: Solution Gas
NORMAL COMPLETION PRACTICES: Casing through pay zone. Perforation of selected intervals followed by sandfrac.

PRODUCTION DATA:

Year	Type	No. of wells @ yr. end		Production Oil in barrels Gas in MMCF	
		Producing	Shut in or Abnd.	Annual	Cumulative
1956	oil	1		954	954
	gas			.291	.291
1957	oil	8		44,184	45,138
	gas			28.067	28.358
1958	oil	40		319,534	368,907
	gas			158.357	186.715
1959	oil	69	1	629,250	1,007,446
	gas			427.311	614.026
1960*	oil	91		362,566	1,370,012
	gas			316.478	930.504

* 1960 Figure is production to July 1, 1960.

Author: G. J. Savage
Affiliation: Gulf Energy & Minerals Co.-US
Date: August 1976

Field Name: Arkansas Junction (San Andres)
Location: T-18-S, R-36-E
County & State: Lea County, New Mexico

Discovery Well: Aztec Oil & Gas Co. #1 Amerada State, NE/4 NW/4 12-T-18-S, R-36-E. Completed 6-12-66. P 20 BOPD and 20 BW

Exploration Method Leading to Discovery:
Recognition of possible pay zone from data obtained in drilling of deep test north of this discovery.

Pay Zone: San Andres dolomite
Formation Name: San Andres
Depth & Datum Discovery Well: Top of perfs 4952 (-1169)
Lithology Description:
Dolomite, tan to white finely crystalline partly anhydritic with thin interbeds of sandstone, gray, very fine to fine-grained, subangular, fairly well sorted.

Approximate average pay: 160 gross 24 net Productive Area 560 acres

Type Trap: Structural, with partial stratigraphic influence; i.e., with variable porosity and permeability.

Reservoir Data:
6-12 % Porosity, 0.2 Md Permeability, 32 % Sw, _____ % So
Oil: 37.3° Gravity API
Gas:
Water: _____ Na+K, 2880 Ca, _____ Mg, 25900 Cl, 2500 SO_4, _____ CO_2, or HCO_3, _____ Fe
Specific Gravity 1.015 Resistivity 0.21 ohms @ 84 °F
Initial Field Pressure: 1610 psi @ -1293 datum Reservoir Temp. 112 °F
Type of Drive:
Solution gas and water

Normal Completion Practices:
Drill through pay zone, set casing, perforate, and wash with acid before sandfrac.

Type completion:
Pumping
Normal Well Spacing 40 Acres

Deepest Horizon Penetrated & Depth:
Devonian at 10,600 feet (-6,805)

Other Producing Formations in Field:
Penrose member of Queen formation

Production Data:

YEAR	TYPE	No. of wells @ yr. end		PRODUCTION OIL IN BARRELS GAS IN MMCF		YEAR	TYPE	No. of wells @ yr. end		PRODUCTION OIL IN BARRELS GAS IN MMCF	
		Prod.	S.I.or Abd.	ANNUAL	CUMULATIVE			Prod.	S.I.or Abd.	ANNUAL	CUMULATIVE
68	OIL	5		16,426	30,577	72	OIL	1	9	2,232	83,188
	GAS						GAS				
69	OIL	9		27,494	58,071	73	OIL	2	8	2,687	85,875
	GAS						GAS				
70	OIL	9	1	17,076	75,147	74	OIL	2	8	3,496	89,371
	GAS						GAS				
71	OIL	3	7	5,809	80,956	75	OIL	3	7	5,595	94,966
	GAS						GAS				

ATTACHMENT VIII

The proposed injection zone is a fine grained sand in the Delaware Formation. It has several sands with varying thickness. There is possible drinking water overlying the injection in the surface sands at a depth of 0-450'. There is no known source underlying the injection interval.

ATTACHMENT IX

No proposed stimulation.

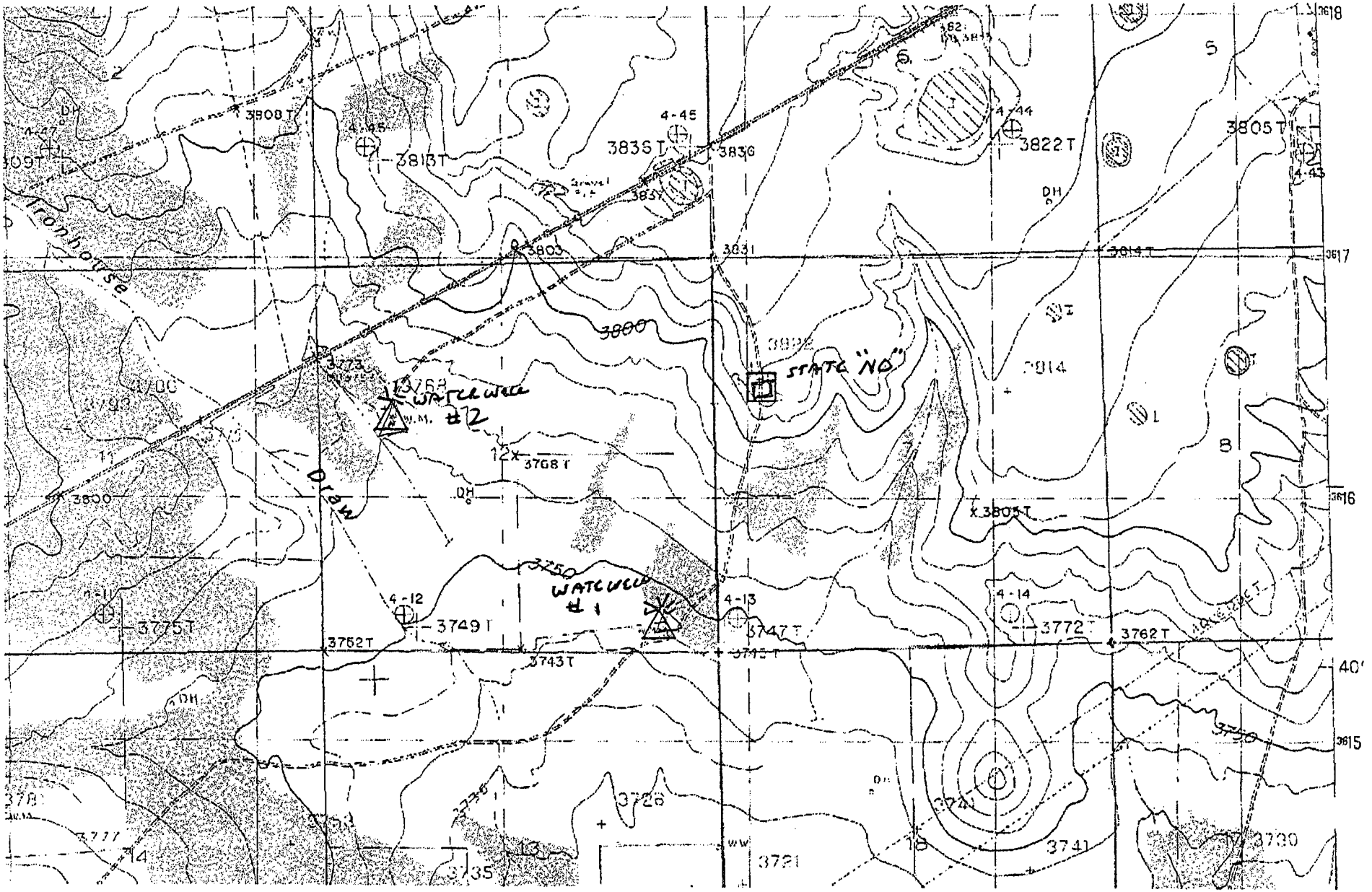
ATTACHMENT XI

There are two active livestock water wells within one mile.

Well #1 UL P Section 12, T19S-R35E

Well #2 UL E Section 12, T19S-R35E

Analysis Attached



'Ironhouse Draw; NM'; Scale: 1" = 0.356Mi 574Mt 1,882Ft, 1 Mi = 2.805" , 1 cm = 226Mt

B J Services Water Analysis

Artesia District Laboratory
(505) 746-3140

UL E SEC 12
T 19S - R 35E

Date:	22-Nov-02	Test #:	
Company:	Ray Westall	Well #:	#2
Lease:	"NO" Water Well	County:	Lea
State:	New Mexico	Formation:	
Depth:		Source:	

pH:	7.46	Temp (F):	62.6
Specific Gravity	1.005		

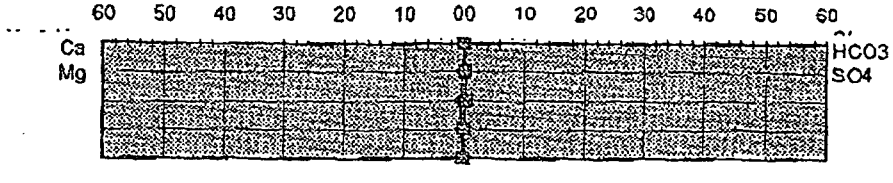
CATIONS	mg/l	me/l	ppm
Sodium (calc.)	711	30.9	707
Calcium	80	4.0	80
Magnesium	49	4.0	48
Barium	< 25	----	----
Potassium	< 10	----	----
Iron	1	0.0	1
ANIONS			
Chloride	1200	33.9	1194
Sulfate	30	0.6	30
Carbonate	< 1	----	----
Bicarbonate	281	4.6	279
Total Dissolved Solids(calc.)	2351		2339
Total Hardness as CaCO3	400	8.0	398

COMMENTS: Sample of solids appears to be Iron Sulfide

SCALE ANALYSIS:

CaCO3 Factor	22504.12	Calcium Carbonate Scale Probability->	Remote
CaSO4 Factor	2406	Calcium Sulfate Scale Probability -->	Remote

Stiff Plot



B J Services Water Analysis

Artesia District Laboratory
(505) 746-3140

UL-P SEC 12
T19S-R 35E

Date:	22-Nov-02	**Test #:**	
Company:	Ray Westall	**Well #:**	#1
Lease:	"NO" Water Well	**County:**	Lea
State:	New Mexico	**Formation:**	
Depth:		**Source:**	

pH:	8.26	Temp (F):	63
Specific Gravity	1.01		

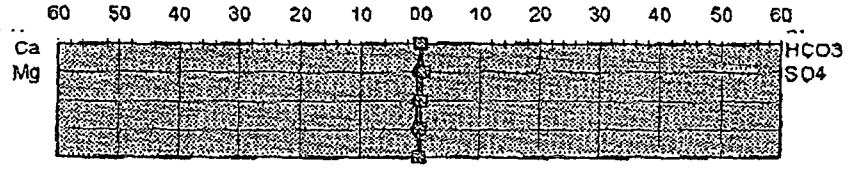
CATIONS	mg/l	me/l	ppm
Sodium (calc.)	1150	50.0	1139
Calcium	80	4.0	79
Magnesium	73	6.0	72
Barium	< 25	---	---
Potassium	< 10	---	---
Iron	1	0.0	1
ANIONS			
Chloride	2000	56.4	1980
Sulfate	69	1.4	69
Carbonate	< 1	---	---
Bicarbonate	146	2.4	145
Total Dissolved Solids(calc.)	3520		3485
Total Hardness as CaCO3	500	10.0	495

COMMENTS: Sample of solids appears to be Iron Sulfide

SCALE ANALYSIS:

CaCO3 Factor	11741.28	Calcium Carbonate Scale Probability->	Remote
CaSO4 Factor	5614	Calcium Sulfate Scale Probability -->	Remote

Stiff Plot



ATTACHMENT XII

All available geologic and engineering data have been examined and there is no evidence of open faults or any other hydrologic connection between the disposal zone and any source of drinking water.

ATTACHMENT XIV

PROOF OF NOTICE

Yates Petroleum and OXY USA are the only lease hold operators within ½ mile of the proposed injection well. All other lands are not under lease and are State of New Mexico land. A copy of this application was sent by certified mail. Proof of notice is enclosed. The surface owner is the State of New Mexico.

PROOF OF PUBLICATION

Proof of publication is from the Hobbs Daily Sun and attached..

	Certified Mail
Yates Petroleum 105 S. 4th St. Artesia, NM 88210	7004 2890 0003 2218 5892
OXY USA 6 Desta Drive Suite 6000, Midland, TX 79705	7004 2890 0003 2218 5915
New Mexico State Land Office Bldg 310 Old Santa Fe Tr Santa Fe, NM 87504	7004 2890 0003 2218 5908
Oil Conservation Division 1220 S St. Francis Dr. Santa Fe, NM 87504	
Oil Conservation Division 1624 N. French Hobbs, NM 88240	

AFFIDAVIT OF PUBLICATION

State of New Mexico,
County of Lea.

I, KATHI BEARDEN

Publisher

of the Hobbs News-Sun, a 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 1

weeks.

Beginning with the issue dated

June 27 2007

and ending with the issue dated

June 27 2007

Kathi Bearden

Publisher

Sworn and subscribed to before me this 27th day of June 2007

Notary Public.

My Commission expires
February 07, 2009
(Seal)

OFFICIAL SEAL
DORA MONTZ
NOTARY PUBLIC
STATE OF NEW MEXICO
My Commission Expires:

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
June 27, 2007

Ray Westall-Operator, P.O. Box 4, Loco Hills, New Mexico 88255, Phone (505) 677-2370. Contact party for Ray Westall-Operator is Randall Harris, is seeking administrative approval from the New Mexico Oil Conservation Division to utilize a well located 1980' FNL & 660' FWL Section 7, Township 19 South, Range 36 East, Lea County, New Mexico known as the State NO #1 for water injection. Proposed injection is in the Delaware formation through perforations 6409'-7248' feet. Expected maximum injection rate of 400 bbls per day at 800 psi. Interested parties must file objection or requests for hearing with the Oil conservation Division, 1220 So. St. Francis Drive, Santa Fe, NM 87505 within 15 days of the notice.
#23356

67100415000 67544621

RAY WESTALL OPERATING, INC.
P.O. BOX 4
LOCO HILLS, NM 88255

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City, State, ZIP+4: ARTESIA, NM 88210

PS Form 3800, June 2002 — See Reverse for Instructions

Injection Permit Checklist 2/8/07

SWD Order Number 977A Dates: Division Approved _____ District Approved _____

Well Name/Num: State NO #1 Date Spudded: ~~1985~~ 11/21/83

API Num: (30-) 025-28468 County: Lea

Footages 1980FNL/660FWL Sec 7 Tsp 19S Rge 36E

Operator Name: Roy Westall Contact Randall Harris

Operator Address: P.O. Box 4 Loco Hills, NM 88255

Current Status of Well: ~~APPLIED~~ Planned Work: re-enter Inj. Tubing Size: 2 7/8" @ 6500'

	Hole/Pipe Sizes	Depths	Cement	Top/Method
Surface	13 3/8	429	450	CIRC
Intermediate	8 5/8	4150	2400 ~~1425~~	CIRC
Production	7 7/8 5 1/2	11040	975	5900 TOP (T.S.)
Last DV Tool			SQZ @ 5880/5600/4200/2400'	
Open Hole/Liner				
Plug Back Depth				

Diagrams Included (Y/N): Before Conversion ✓ After Conversion ✓

Checks (Y/N): Well File Reviewed ✓ ELogs in Imaging ✓

P&A in 1984 re-entered

Intervals:	Depths	Formation	Producing (Yes/No)
Salt/Potash	OK		
~~Capitan Reef~~			
~~Cliff House, Etc~~			
~~Formation Above~~			
Top Inj Interval	6409	Del SND	
Bottom Inj Interval	7248	Del SND	
Formation Below	7300	BS-	

SWD-864 12/18/02

SWD-977 4/14/05

1282 PSI Max. WHIP

NO Open Hole (Y/N)

NO Deviated Hole (Y/N)

6409 ✓ 28/8

Fresh Water: Depths: 0-450 Wells(Y/N) Yes Analysis Included (Y/N): Yes Affirmative Statement ✓

Salt Water Analysis: Injection Zone (Y/N/NA) _____ DispWaters (Y/N/NA) _____ Types: Surrounding Area

Notice: Newspaper(Y/N) Yes Surface Owner SLO Mineral Owner(s) QN, TRVRS/SA/BS/ATOKA

Other Affected Parties: Yates, OXY, SLO

AOR/Repairs: NumActiveWells 0 Repairs? — Producing in Injection Interval in AOR —

AOR Num of P&A Wells 0 Repairs? — Diagrams Included? — RBDMS Updated (Y/N) _____

Well Table Adequate (Y/N) Yes AOR STRs: Sec_____Tsp_____Rge_____ UIC Form Completed (Y/N) _____

New AOR Table Filename — Sec_____Tsp_____Rge_____ This Form completed _____

Conditions of Approval: Sec_____Tsp_____Rge_____ Data Request Sent _____

AOR Required Work: _____

Required Work to this Well: _____