

MARKS-GARNER PRODUCTION CO.

PRODUCERS OF OIL & GAS

Phone (505) 396-5326
P.O. Box 70 - 1421 S. Love St.
Lovington, New Mexico 88260

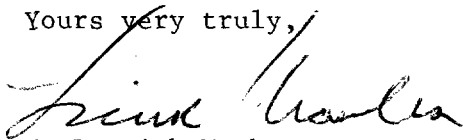
February 14, 1989

Oil Conservation Division
State Land Office Building
P O Box 2088
Santa Fe, New Mexico 87501

Gentlemen:

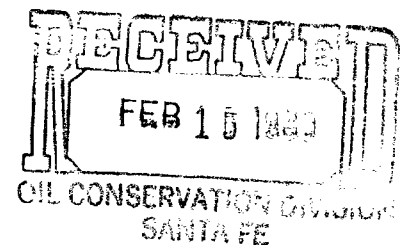
Submitted herewith is form C-108 and all appropriate data for your
consideration and approval.

Yours very truly,



E. L. Link Marks
Partner

Enclosures



APPLICATION FOR AUTHORIZATION TO INJECT

I. Purpose: ☐ Secondary Recovery ☐ Pressure Maintenance ☒ Disposal ☐ Storage
Application qualifies for administrative approval? ☒ yes ☐ no

II. Operator: Marks & Garner Production Co.

Address: 1421 S. Love - Lovington, NM P.O. Box 70 88260

Contact party: Link Marks at Marks Engine Phone: 505-396-5326

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 ☐ no
If yes, give the Division order number authorizing the project R-3657.

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: E. L. LINK MARKS

Title: PARTNER

Signature: [Signature]

Date: 2-14-89

* 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.

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.

Marks & Garner Production Co.
San Simon #1-H 1325/W 650/E
Sect. 13 T21S R34E
Lea Co., New Mexico

DATA AND ATTACHMENTS FOR FORM C-108

- III. A. (1) San Simon #1-H; Sect. 13 T21S R34E 1325/W 650/E
(2) Sec. attached wellbore schematic
(3) 3 1/2" Internally Plastic Coated Tubing set at 3600'+
(4) Baker Model ADI Tension Packer set at 3600'+
B. (1) Injection formation = Yates - 7 Rivers; Wilson
Yate 7 Rivers field.
(2) From 3600' into open hole interval to 4200'+
(3) Well drilled for Oil Well originally and dry.
(4) None
(5) Next higher zone is salt sect., the next lower
zone is the Delaware formation at 5500'.
See attached Geology formation record from offset
operation.
- IV. Also see attached copy of R-3657
- V. See attached map
- VI. List of wells in area of Review
- VII. (1) Average - Minimum 25 Bbls per hr. at 600 Bbls per day
Maximum 250 Bbls per hr. at 1200 Bbls per day
(2) Closed System - Wilson Yates 7 Rivers lease water only
(3) Injection Pressures - Vacuum to 500# Maximum
(4) See attached water analysis
(5) See attached water analysis
- VIII. See attached Marked III B 5 listing geological
formations.
Formation is Yates-Seven Rivers from 3440' to
Base of 7 Rivers at 5500' formation thickness
of 2160' - Lithologic Detail; Dolomite, Sand and
Shale with high porosity.
- IX. No stimulation program expected
- X. All available logs with OCD office Hobbs, NM and
on file
- XI. See attached water analysis
- XII. There is no evidence that the proposed injection
interval is hydrologically connected to any source
of fresh water. There has been injection into
this formation since 1969 after R-3657 was approved,
with no contamination encountered to date.
- XIII. See attached copies of advertisements and mailings.
- XIV. Signed application

Gravity.....

GAS WELL: The production during the first 24 hours was.....20,700.....M.C.F. plus.....327.01.....barrels of

liquid Hydrocarbon. Shut in Pressure.....5551.....lbs.

Length of Time Shut in.....96 hrs.....

PLEASE INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE):

Southeastern New Mexico

Northwestern New Mexico

T. Anhy.....	1,592	T. Devonian.....	13,770	T. Ojo Alamo.....
T. Salt.....	1,810	T. Silurian.....		T. Kirtland-Fruitland.....
B. Salt.....	3,240	T. Montoya.....		T. Farmington.....
T. Yates.....	3,447	T. Simpson.....		T. Pictured Cliffs.....
T. 7 Rivers.....	3,710	T. McKee.....		T. Menefee.....
T. Queen.....		T. Ellenburger.....		T. Point Lookout.....
T. Grayburg.....		T. Gr. Wash.....		T. Mancos.....
T. San Andres.....		T. Granite.....		T. Dakota.....
T. Glorieta.....		T. Delaware Lime.....	5,500	T. Morrison.....
T. Drinkard.....		T. Delaware Sand.....	5,585	T. Penn.....
T. Tubbs.....	9,145	T. Bone Spring.....	7,951	T.
T. Abo.....	9,270	T. Wolfcamp.....	10,704	T.
T. Penn.....	11,214	T. Woodford.....	13,602	T.
T. Miss.....	12,978	T.		T.

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	1592	1592	Sand, shale, red beds	9950	10,015	65	Limestone, shale
1592	3447	1855	Anhydrite and salt	10015	10210	195	Dolomite, sand, shale
3447	3710	263	Sand, shale	10210	10704	494	Limestone, shale
3710	5500	1790	Dolomite, sand	10704	10925	221	Silt, limestone
5500	5585	85	Limestone, sand	10925	11100	175	Limestone
5585	5950	365	Sand	11100	11242	142	Shale, limestone
5950	6345	395	Sand, dolomite	11242	11494	252	Limestone, chert
6345	6505	160	Limestone	11494	11610	116	Sand, Shale, limestone
6505	7200	695	Dolomite, sand	11610	12138	528	Limestone, shale chert
7200	7951	751	Sand, dolomite	12138	12545	407	Shale, sand
7951	8350	399	Limestone	12545	12734	189	Limestone, shale hard
8350	8750	400	Limestone, shale	12734	12978	244	Shale
8750	9145	395	Limestone, chert	12978	13602	624	Limestone chert hard
9145	9270	125	Limestone, shale	13602	13770	168	Shale
9270	9490	220	Sand, Limestone	13770	13810	40	Limestone
9490	9832	342	Limestone, shale	13810	13862	52	Dolomite
9832	9950	118	Shale, Dolomite				

ATTACH SEPARATE SHEET IF ADDITIONAL SPACE IS NEEDED

I hereby swear or affirm that the information given herewith is a complete and correct record of the well as far as can be determined from available records.

J. F. Williams (Date)

Company or Operator.....The Pure Oil Company.....Address.....Box 671 - Midland, Texas.....

(Attachment to Application for Authorization to Inject)

	<u>Type</u>	<u>Casing Program</u>	<u>Spud Date</u>	<u>Location</u>	<u>Total Depth</u>
Marks & Garner Prod. <i>OK</i>					
Shell A State					
13-H	Inj. <i>Pi.A</i>	16" @ 114' - 80 <i>SK</i> 7" @ 3529' 300 <i>SK</i>	1941	Sec 13, T-21, R-34 1980/N 660/E	4139'
Dorchester Expl. Inc.					
Wilson State Comm. <i>OK</i>					
1-I	Oil <i>Pi.A</i>	13 3/8" @ 510' 520 <i>SK</i> 9 5/8" @ 5505' 500 <i>SK</i> 5 1/2" @ 12416' 500 <i>SK</i>	1979	Sec 13, T-21, R-34 1980/S 990/E	12416'
Wilson Oil Co.					
State B <i>OK</i>	Oil <i>Pi.A</i>	15 1/2" @ 130' 130 <i>SK</i> 7" @ 3754' 100 <i>SK</i>	1934	Sec 12, T-21, R-34 ST 1/4 SE 1/4	3955'
Wilson Oil Co.					
Amerada State					
2-G <i>OK</i>	Gas <i>Pi.A</i>	16" @ 115' - <i>Dec.</i> 7" @ 3500' 250 <i>SK</i>	1941	Sec 13, T-21, R-34 1980/N 1980/E	3829'
Marks & Garner Prod.					
State B					
12-I <i>OK</i>	Gas	16" @ 95' 140 <i>SK</i> 7" @ 3720' 200 <i>SK</i>	1944	Sec 13, T-21, R-34 990/E 1650/S	3805'
Marks & Garner Prod. <i>Interf. to</i>					
Amerada State					
3-G <i>Pi.A</i>	Inj.	8 5/8" @ 172' 145 <i>SK</i> 4 1/2" @ 3686 150 <i>SK</i>	1961	Sec 13, T-21, R-34 2310/N 1650/E	3773'
Wilson Oil Co.					
Shell State					
10-A <i>OK</i>	Oil	16" Surf 384' 80 <i>SK</i> 5" @ 3829	1953	Sec 13, T-21, R-34 660/N 660/E	same
		7" @ 355 300 <i>SK</i>			
		5" <i>Line 344-355</i>			
		<i>W/ 100 SK</i>			
		15 1/2" @ 97' 75 <i>SK</i>			
		<i>12 1/2" @ 837 45 SK</i>			
		5" @ 3850 W/ 200 SK			
		50 <i>SK</i> 3660-3660			
		35 <i>SK</i> 1600'			
		60 <i>SK</i> 4450			

H

VI (Cont)

<u>Type</u>	<u>Casing Program</u>	<u>Spud Date</u>	<u>Location</u>	<u>Total Depth</u>
Wilson Oil Co. Amerada State 1-B	Oil 16" @ 110' 75 SY 7" @ 3917 250 SY	1953	Sec 13, T-21, R-34 990/N 1650/E	3917'
Wilson Oil Co. Wilson State 6-A	Oil 16" @ 104' 200 SY No Prod String	1941	Sec 13, T-21, R-34 3300/N 660/E	
Marks & Garner Prod. Kaiser State 42-J	Oil 16" @ 104' 100 SY 12 1/2" @ 719' 219 SY 10 3/4" @ 1213' 125 SY 7" @ 3577' 820 SY	1955	Sec 13, T-21, R-34 2310/S 2310/E	same
Marks & Garner Prod. Kaiser State 9-T	Oil 16" @ 107' 100 SY 7" @ 3600' 400 SY	1942	Sec 13, T-21, R-34 1980/N 1980/W	3781'
Marks & Garner Prod. Shell State 4-M	Oil 16" @ 120' 175 SY 7" @ 3623' 200 SY	1940	Sec 7, T-21, R-35 660/S 587/N	3850'
Wilson Oil Co. Shell State B 6-P	Oil 16" @ 137' 75 SY 7" @ 3668' 100 SY	1940	Sec 18, T-21, R-35 SW/NE	3895'
Wilson Oil Co. Shell State 5-D	Oil 15 1/2" @ 154' 150 SY 7" @ 3605' 260 SY 5" liner 3499-3850	1940	Sec 18, T-21, R-35 660/N 660/W	same

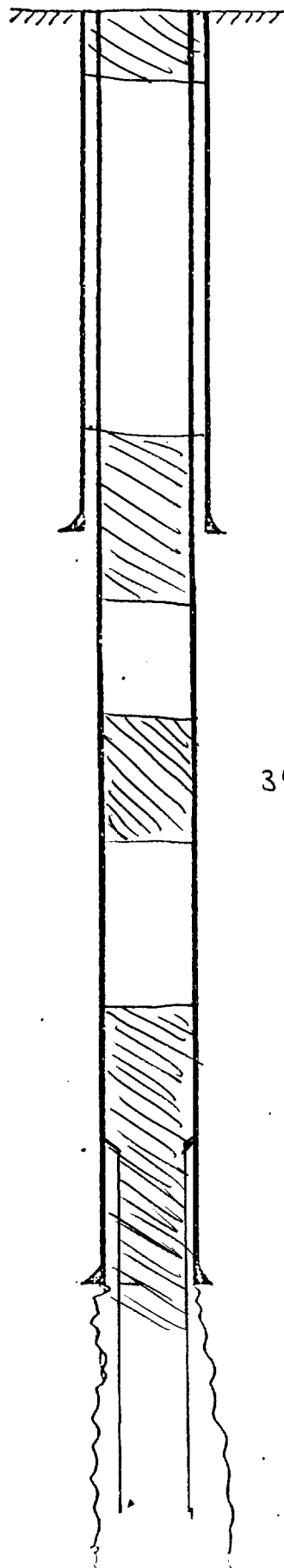
VI (Cont)

<u>Type</u>	<u>Casing Program</u>	<u>Spud Date</u>	<u>Location</u>	<u>Total Depth</u>
Pure Oil Co. Wilson Deep Unit 1-F	13 3/8" @ 668' 775' 5" 9 5/8" @ 5635' 3784' 7" @ 13097' 20014'	1963	Sec 13, T-21, R-34 SW 1/4 NW 1/4	same
Marks & Garner Prod. State B	16" @ 96' 1503' 7" @ 3450' 2005'	1941	Sec 13, T-21, R-34 1980/S 1980/E	same

26

234
284
3171

OPERATOR	Wilson Oil Co		DATE	P+A 1978
LEASE	Shell State	WELL No.	LOCATION	
		5-D	660/N 660/W 18-21-35	



20 sx surface plug

120 sx cement from 490-118'

15 1/2 " casing set at 154 ' with — sx of — cement
Hole size 20 "

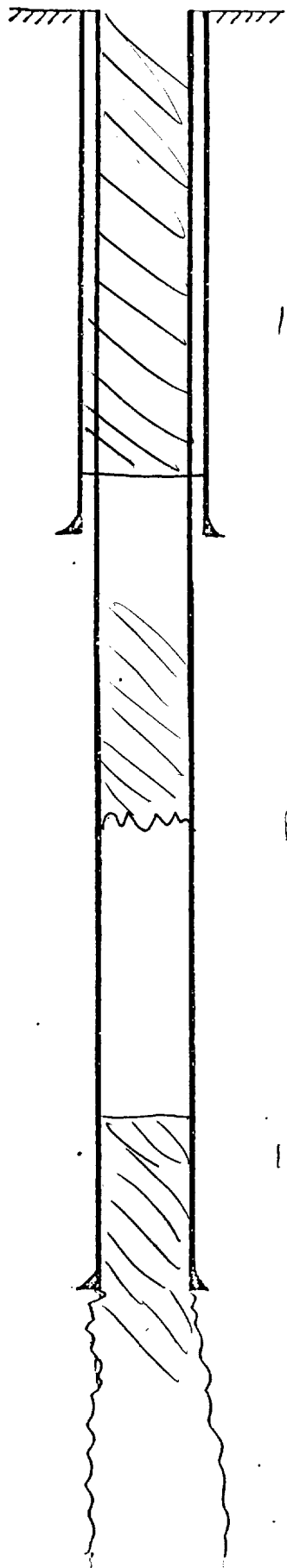
35 sx plug 1605-1450

86 sx cement from 3765-3212

7 " casing set at 3605 ' with 200 sx of — cemen
Total Depth 3850 ' Hole size 9 5/8 "

bi 5" liner 3499 to 3850

OPERATOR <u>Wilson Oil Co</u>	DATE <u>P+H 1940</u>	
LEASE <u>Shell State B</u>	WELL No. <u>6-F</u>	LOCATION <u>SW/NW 18-21-35</u>



100 ft cement plug to Surface.

16 " casing set at 127 ' with — sx of ? cement
Hole size 20 "

Pull from 2500' + plug

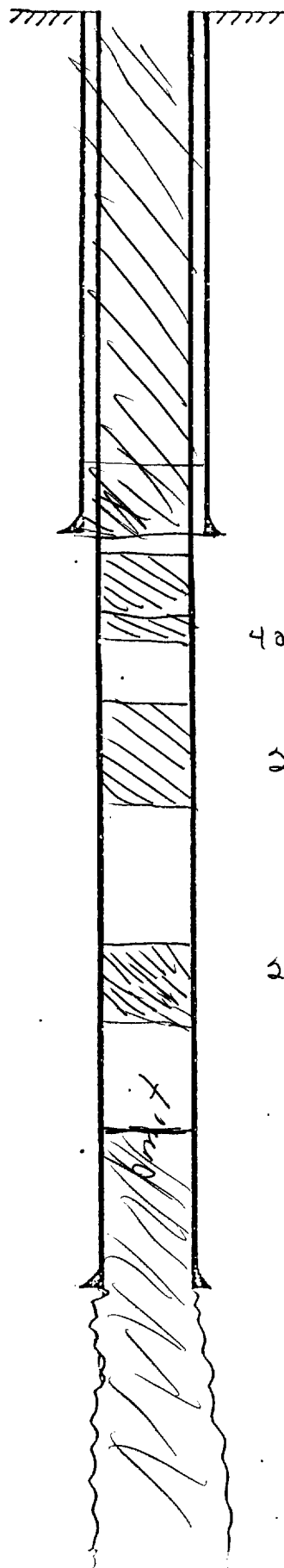
TOC @ 3321
on scale

100 sx cement 3660 to TD

7 " casing set at 3668 ' with 100 sx of — cemen
Total Depth 3895 ' Hole size 9 5/8 "

TD 3895

OPERATOR - Wilson Oil Co	DATE P+A 1942	
LEASE Wilson State	WELL No. 6 A	LOCATION NE/SE 13-21-34



120 sx plug fro 100 to Surface

16 " casing set at 104 ' with 200 sx of Halib cement

Hole size 22 "

40 sx plug 280 - 240

25 sx plug 1600'

25 sx plug 3340

50 sx plug from 3895 - 3670

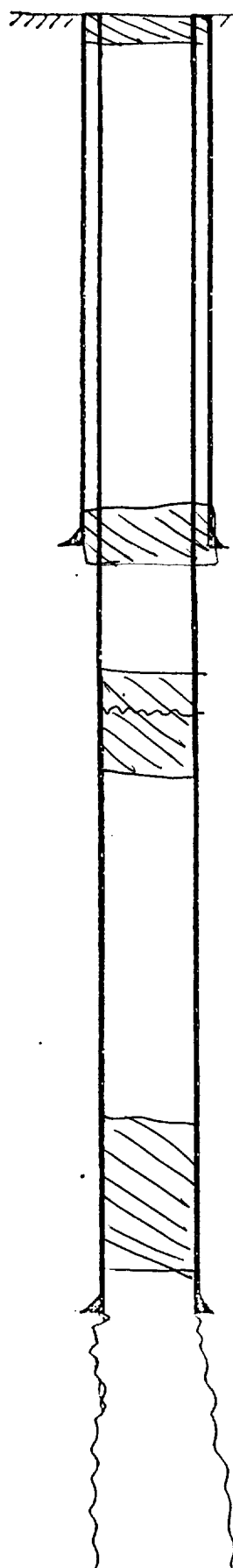
No Pipe was run

 " casing set at ' with sx of cemen

Total Depth 3895 ' Hole size 8⁵/₈ "

OPERATOR <u>Wilson Oil Co</u>	DATE <u>P+A 1967</u>	
LEASE <u>Amerada State</u>	WELL No. <u>1-B</u>	LOCATION <u>990/N 1650/E 13-21-34</u>

10 sx surface plug



25 sx plug at 110

16 " casing set at 110 ' with 75 sx of Holb cement
Hole size 20 "

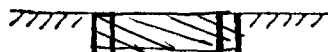
25 sx plug 508'

TOC @ 3223 by Cole

25 sx plug 3460-3780

7 " casing set at 3917 ' with 200 sx of Holb cement
Total Depth 3917 ' Hole size 7 "

OPERATOR Wilson Oil Co	DATE P+H 1979	
LEASE Shell State	WELL No. 10-A	LOCATION 660/N 660/E 13-21-34



15 sx surface plug.

perf and sg. at 450' with 60sx Top at 308

7 16" casing set at 384' with 80 sx of cement

Hole size "

Top 1424

Sg - 25 sx at 1600'

See Notes
Toe @ 2534'

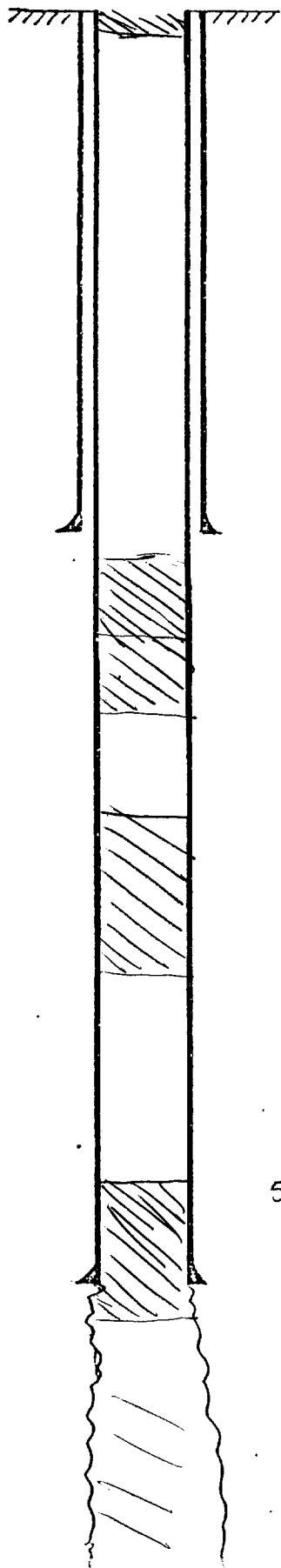
50 sx plug

Perfs 3660-³⁶¹⁰4660

5" casing set at 3829' with 100 sx of Halib cement

Total Depth 3829' Hole size 6 1/4"

OPERATOR <u>Wilson Oil Co</u>	DATE <u>P+A 1979</u>	
LEASE <u>Amerada State</u>	WELL No. <u>2-G</u>	LOCATION <u>1980/N 1980/W 13-21-34</u>



15' sx surf. plug.

16" casing set at 115' with — sx of — cement
Hole size 20"
cent Circ

60 sx at 450'

Sg 35 sx at 1600'

TOC by core @ 2632'

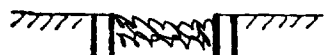
50 sx plug from 3550 to 3450

7" casing set at 3500' with 250 sx of 16lb cement
Total Depth 3500' Hole size 9 5/8"

Plugged from 3829 - 3400

TD - 3829

OPERATOR Wilson Oil Co		DATE P+A 1934	
LEASE State B	WELL No. 12-P	LOCATION SE $\frac{1}{4}$ SE $\frac{1}{4}$	12-21-34



Surface plug.

15 $\frac{1}{2}$ " casing set at 140 ' with 130 sx of Hal. Lite cement
Hole size 20 "

Hole loaded w/ Heavy mud

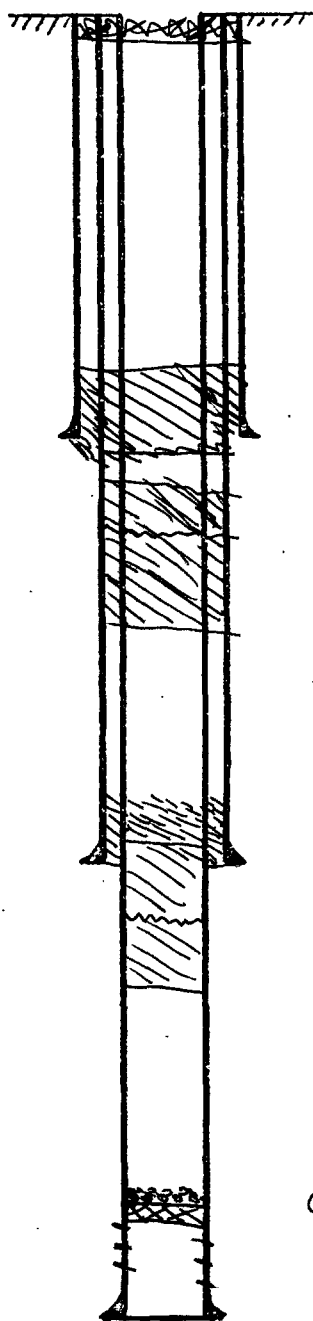
Cement Plug from 3754 to 3000

7 " casing set at 3754 ' with 100 sx of Halib Cement cement
Total Depth 3754 ' Hole size 9 $\frac{5}{8}$ "

TOC @
3407 by
cole

TD - 3955

OPERATOR <u>Dorchester Exp Inc</u>	DATE <u>P+A 1979</u>	
LEASE <u>Wilson State Com</u>	WELL No. <u>1-I</u>	LOCATION <u>1980/S 990/E 13-21-34</u>



surface plug.

Pump 384 sx plug from 817 to 450

$13\frac{3}{8}$ " casing set at 510 ' with 500 sx of Class C cement
Hole size 11 1/2 "

cut & pull $9\frac{5}{8}$ casing 1600 put cement plug from 1800 - 1520

TOC 2200 by calc.

$9\frac{5}{8}$ " casing set at 5505 ' with 500sx sx of C/C cement
Hole size 10 3/4 "

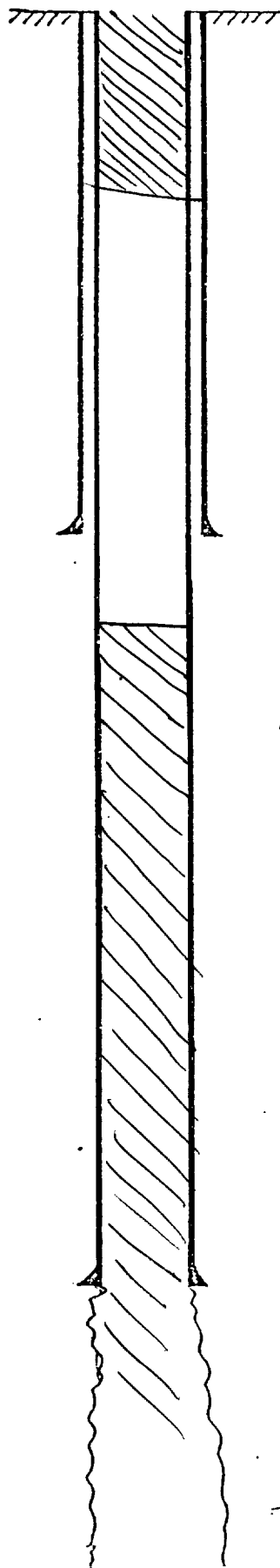
$5\frac{1}{2}$ casing cut & pulled from 5574 Cement plug from
5700 to 5360

CIBP set at 11100 w/ 35' cement

$5\frac{1}{2}$ " casing set at 12416 ' with 500 sx of C/C cement
Hole size 7 "

Total depth 12416 '

OPERATOR <u>Marks + Garner Production Co</u>		DATE <u>P+A 1985</u>	
LEASE <u>Shell A State</u>		WELL No. <u>13-H</u>	LOCATION <u>1980/N 660/E 13-21-34</u>



20 sx plug from 6041 to surface.

16 " casing set at 114 ' with 80 sx of C/C cement
Hole size 20 "

Pump 380 sx Class C Cement from TD to 200ft.

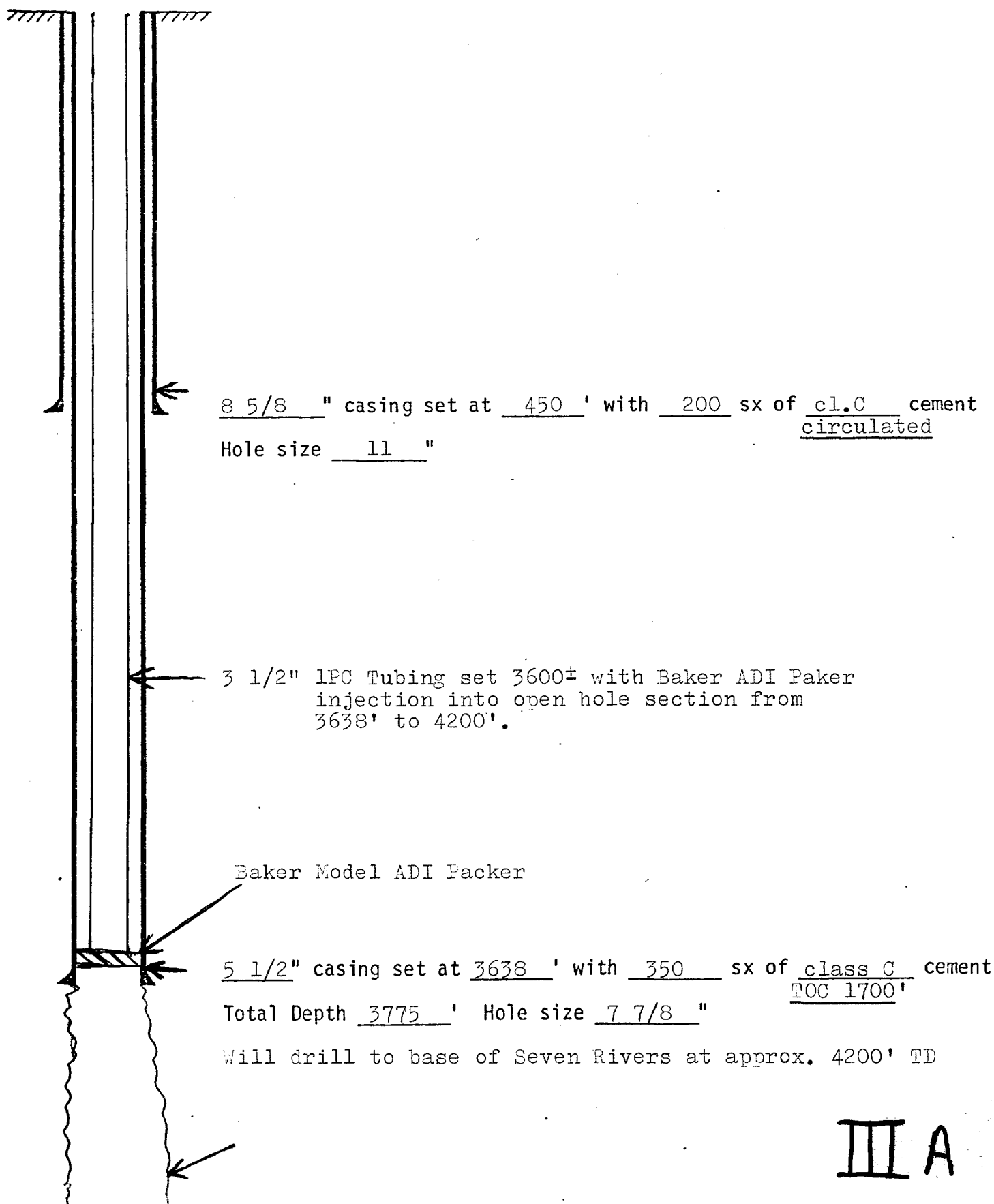
TD @ 1740' by calc
in 7" annulus.

7 " casing set at 3529 ' with 300 sx of C/C cement
Total Depth 3529 ' Hole size 8 $\frac{5}{8}$ "

TD 4139

OPERATOR Marks & Garner Production		DATE Drilled - 1984
LEASE San Simon	WELL No. 1	LOCATION Unit - H 1325/N 650/E

Sect. 13 T. 21 S. R. 34 E.
Lea Co. New Mexico





ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION
HOBBS, NEW MEXICO

WATER ANALYSIS REPORT FORM

WELL OWNERSHIP: Marks & Garner Production WELL #: _____
LAND STATUS: STATE XX FEDERAL _____ FEE _____
WELL LOCATION: Unit Letter _____ Section 13 Township 21 Range 34
QUARTER/QUARTER - FOOTAGE LOCATION: _____
WELL TYPE: Produced water from the Wilson Field DEPTH _____ feet
WELL USE: _____

SAMPLE NUMBER: 1 TAKEN BY: Mr. Garner
DATE: 1/26/89

Specific Conductance: 18,500 m/h
Total dissolved solids: 12,950 PPM
Chlorides: 5,538 PPM
Sulfates: _____ PPM
Ortho-phosphates: Very Low _____ Low _____ Med _____ Hi _____
Sulfides: None _____ Low _____ Med _____ Hi _____
OTHER: _____

DATE ANALYZED: 1/27/89 BY: Eddie W. Seay
OIL CONSERVATION DIVISION

REMARKS: 5 ml sample 710 X 7.8 titration = 5538 ppm Cl

Specific Conductance 18,500 = metered

TDS 18,500 X .7 factor = 12950 ppm

Produced water far better quality than water in projected disposal zone.

VII

20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----

240

TABLE 4A.--WATER-QUALITY DATA FOR FDDY AND LEA COUNTIES, NEW MEXICO, ARRANGED BY MONTH
FORMATION SOURCE AND GEOGRAPHIC LOCATION.

LEA COUNTY

LEA COUNTY

[illegible]

Injection formation Analysis

ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION
HOBBS, NEW MEXICO

WATER ANALYSIS REPORT FORM

WELL OWNERSHIP: San Simon Ranch WELL #: _____
LAND STATUS: STATE XX FEDERAL _____ FEE _____
WELL LOCATION: Unit Letter _____ Section 1 Township 21 Range 34
QUARTER/QUARTER - FOOTAGE LOCATION: NW¹/₄
WELL TYPE: Domestic water well - sub. DEPTH _____ feet
WELL USE: Domestic

SAMPLE NUMBER: 1 TAKEN BY: Mr. Garner
DATE: 1/26/89

Specific Conductance: 775 m/h
Total dissolved solids: 542.5 PPM
Chlorides: 42.6 PPM
Sulfates: _____ PPM
Ortho-phosphates: Very Low _____ Low _____ Med _____ Hi _____
Sulfides: None _____ Low _____ Med _____ Hi _____
OTHER: _____

DATE ANALYZED: 1/27/89 BY: Eddie W. Seay
OIL CONSERVATION DIVISION

REMARKS: 25 ml sample 142 X .3 titration = 42.6 ppm

Specific Conductance 775 - metered

TDS 775 X .7 factor = 542.5 ppm

9	21S 33E 18 12314A	12/11/79	50	655	67F	QAL	CP
10							
11	21S 33E 25 42322	11/02/65	118	1060	66F	QAL	CP
12	21S 33E 25 42322	12/11/79	90	936	61F	QAL	CP
13	21S 33E 25 42322	11/09/84	188	1540		QAL	CP
14							
15	21S 33E 28 12443	11/02/65	182	1170	67F	TRC	CP
16	21S 33E 28 12443	12/11/79	168	1244	66F	TRC	CP
17	21S 33E 28 12443	11/09/84	171	1050	60F	TRC	CP
18							
19	21S 34E 01 24122	11/03/65	49	780	66F	T00	CP
20	21S 34E 01 24122	12/19/79	46	749	66F	T00	CP
21	21S 34E 01 24122	11/08/84	43	640	60F	T00	CP
22							
23	21S 34E 04 311331	12/11/79	42	582	66F	TRC	CP 00489
24	21S 34E 04 311331	11/08/84	14	540		TRC	CP 00489
25							
26	21S 34E 08 42341A	12/11/79	28	701	66F	T00	CP 00498
27	21S 34E 08 42341A	11/08/84	28	650		T00	CP 00498
28							
29	21S 34E 33 233442	11/03/65	37	565	70F	T00	CP
30	21S 34E 33 233442	08/19/76	43	619	65F	T00	CP
31	21S 34E 33 233442	12/19/79	28	551	67F	T00	CP
32	21S 34E 33 233442	11/08/84	29	550		T00	CP
33							
34	21S 35E 14 11111	11/02/65	102	1395	68F	TRC	CP
35	21S 35E 14 11111	10/07/76	99	1398	73F	TRC	CP
36	21S 35E 14 11111	12/19/79	96	1395	67F	TRC	CP
37	21S 35E 14 11111	11/08/84	98	1410		TRC	CP
38							
39	21S 35E 24 24141	11/02/65	39	660	68F	TRC	CP
40	21S 35E 24 24141	12/19/79	78	829	65F	TRC	CP
41	21S 35E 24 24141	11/08/84	62	800		TRC	CP
42							
43	21S 35E 27 32143	12/08/58	44	995		T00	CP
44	21S 35E 27 32143	11/02/65	38	900	68F	T00	CP
45	21S 35E 27 32143	10/07/76	180	1755	69F	T00	CP
46	21S 35E 27 32143	11/08/84	125	1620		T00	CP
47							
48	21S 35E 30 41132	11/02/65	56	930	64F	T00	CP
49	21S 35E 30 41132	07/22/76	37	765	64F	T00	CP
50	21S 35E 30 41132	12/19/79	30	777	62F	T00	CP
51	21S 35E 30 41132	11/08/84	35	700		T00	CP
52							
53							
54							
55							
56							
57							

CI

As Per State Engineers Office
 Roswell N.M.

Affidavit of Publication

STATE OF NEW MEXICO)
) ss.
COUNTY OF LEA)

Joyce Clemens being first duly sworn on oath deposes and says that he is **Adv. Director** of THE LOVINGTON DAILY LEADER, a daily newspaper of general paid circulation published in the English language at Lovington, Lea County, New Mexico; that said newspaper has been so published in such county continuously and uninterruptedly for a period in excess of Twenty-six (26) consecutive weeks next prior to the first publication of the notice hereto attached as hereinafter shown; and that said newspaper is in all things duly qualified to publish legal notices within the meaning of Chapter 167 of the 1937 Session Laws of the State of New Mexico.

That the notice which is hereto attached, entitled

Legal Notice

and numbered in the Court of Lea County, New Mexico, was published in a regular and entire issue of THE LOVINGTON DAILY LEADER and not in any supplement thereof, once each week on the same day of the week, for one (1)

consecutive weeks, beginning with the issue of February 7, 1989

and ending with the issue of February 7, 1989

And that the cost of publishing said notice is the sum of \$ 6.26

which sum has been (Paid) ~~(Assessed)~~ as Court Costs

Joyce Clemens

Subscribed and sworn to before me this 8th day of February, 1989

Mrs Jean Series
Notary Public, Lea County, New Mexico

My Commission Expires Sept. 28, 1990

LEGAL NOTICE

Marks & Garner Production Company, P.O. Box 79, Lovington, NM 88260 (505) 396-6326 has applied to the State Oil and Gas Commission for a permit to inject fluid into the Yates-7 Rivers formation, Wilson Field, Lea County, New Mexico, Section 13, T-21-S, R-34-E. The proposed well known as the San Simon will be used to dispose of a maximum of 10,000 BWPD at a maximum pressure of 800 psi through open hole from 3540' - 4200'. Interested parties should direct questions to James H. Garner, Jr. at the above address or file objects or request for a hearing with the Oil Conservation Division, P.O. Box 2088, Santa Fe, New Mexico 87501 within 15 days. Published in the Lovington Daily Leader February 7, 1989.

XIII

MARKS-GARNER PRODUCTION CO.

PRODUCERS OF OIL & GAS

Phone (505) 396-5326
P.O. Box 70 - 1421 S. Love St.
Lovington, New Mexico 88260

April 13, 1989

Monsanto Company
1300 One First City Center
Midland, Texas 79701

RE: State Lease B-1167
San Simon #1
Sec 13, T-21S, R-34E

TO WHOM IT MAY CONCERN:

We are converting the lease known as the San Simon #1 to an injection well.

If you have any questions call James H. Garner at the above phone number.

Thank you,

James H. Garner
James H. Garner
Partner

All Entries MUST be in Ball Point or Typed	REGISTERED NO. <i>R280445205</i>		POSTMARK OF <i>LOVINGTON, NM</i> <i>APR 13 1989</i> <i>88260</i>	
	Post Office Completion	Reg. Fee <i>\$4.50</i>	Special Delivery \$	
		Handling Charge \$	Return Receipt \$	
		Postage <i>\$2.55</i>	Restricted Delivery \$	
		Received by <i>MJ</i>	☐ Intl	
Customer Completion (Please Print)	Customer must declare Full value \$ <i>W.D.</i>		☐ With Postal Insurance \$25,000 Domestic Ins. Limit	
	FROM	<i>MGP</i>		
		<i>P.O. Box 70</i>		
		<i>LOVINGTON NM</i>		
		ZIP CODE <i>88260</i>		
TO	<i>MONSANTO COMPANY</i>			
	<i>1300 ONE 1ST CITY CTR</i>			
	ZIP CODE <i>79701</i>			

PS FORM 3806 RECEIPT FOR REGISTERED MAIL (Customer Copy)
Apr. 1985 (See Information on Reverse)

MARKS-GARNER PRODUCTION CO.

Phone (505) 396-5326
P.O. Box 70 - 1421 S. Love St.
Lovington, New Mexico 88260

PRODUCERS OF OIL & GAS

April 13, 1989

Texaco, Inc.
P O Box 3109
Midland, Texas 79702-3109

TO WHOM IT MAY CONCERN:

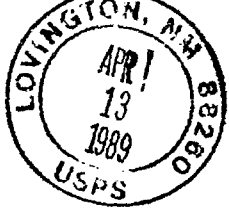
RE: State Lease B-1167
San Simon #1
Sec 13, T-21S, R-34E

We are converting the lease known as the San Simon #1 to an injection well.

If you have any questions call James H. Garner at the above phone number.

Thank you,

James H. Garner
James H. Garner
Partner

All Entries MUST be in Ball Point or Typed		REGISTERED NO.		POSTMARK OF		
		R 280 445 205		LOVINGTON, NM 88260		
		Post Office Completion	Reg. Fee \$4.50	Special Delivery \$		
			Handling Charge \$	Return Receipt \$		
			Postage \$2.50	Restricted Delivery \$		
	Received by <i>mm</i>	☐ Intl				
Customer Completion (Please Print)		Customer must declare Full value \$		☐ With Postal Insurance ☐ Without Postal Insurance \$25,000 Domestic Ins. Limit		
		N.O.				
		FROM	MGP			
			P O Box 70			
			LOVINGTON NM		ZIP CODE 88260	
TO	Texaco INC					
	P O Box 3109					
	Midland Tx		ZIP CODE 79702			

PS FORM 3806
Apr. 1985

RECEIPT FOR REGISTERED MAIL (Customer Copy)

(See Information on Reverse)

MARKS-GARNER PRODUCTION CO.

Phone (505) 396-5326
P.O. Box 70 - 1421 S. Love St.
Lovington, New Mexico 88260

PRODUCERS OF OIL & GAS

April 13, 1989

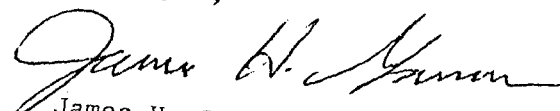
Yates Petroleum Corp.
105 South 4th
Artesia, NM 88210

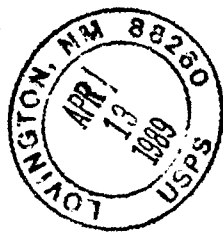
RE: State Lease B-1167
San Simon #1
Sec 13, T-21S, R-34E

TO WHOM IT MAY CONCERN:

We are converting the lease known as the San Simon #1 to an injection well.
If you have any questions call James H. Garner at the above phone number.

Thank you,


James H. Garner
Partner

REGISTERED NO. <i>R 280 445 203</i>		POSTMARK OF 	
Post Office Completion	Reg. Fee \$ <i>4.50</i>	Special Delivery \$	
	Handling Charge \$	Return Receipt \$	
	Postage \$ <i>25</i>	Restricted Delivery \$	
	Received by <i>ML</i>	☐ Intl	
Customer must declare Full value \$ <i>NU.</i>		☐ With Postal Insurance ☐ Without Postal Insurance \$25,000 Domestic Ins. Limit	
Customer Completion (Please Print)	FROM		
	<i>MAP</i>		
	<i>P.O. Box 70</i>		
	<i>LOVINGTON NM</i>	ZIP CODE <i>88260</i>	
TO	<i>Yates Pet. Corp</i>		
	<i>105 S. 4th St</i>		
	<i>Artesia NM</i>	ZIP CODE <i>88210</i>	

PS FORM 3806
Apr. 1985

RECEIPT FOR REGISTERED MAIL (Customer Copy)

(See Information on Reverse)

MARKS-GARNER PRODUCTION CO.

Phone (505) 396-5326
P.O. Box 70 - 1421 S. Love St.
Lovington, New Mexico 88260

PRODUCERS OF OIL & GAS

April 13, 1989

Shell Wester E & P, Inc.
P O Box 576
Houston, Texas 77001

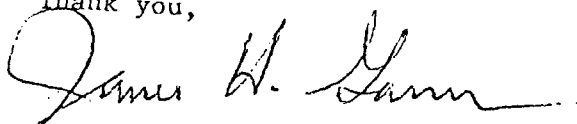
RE: State Lease B-1167
San Simon #1
Sec 13, T21S, R-34E

TO WHOM IT MAY CONCERN:

We are converting the lease known as the San Simon #1 to an injection well.

If you have any questions call James H. Garner at the above phone number.

Thank you,


James H. Garner
Partner

All Entries MUST be in Ball Point or Typed	REGISTERED NO. R280 445 202		POSTMARK OF APR 15 1989 USPS		
	Post Office Completion	Reg. Fee \$ 4.50	Special Delivery \$		
		Handling Charge \$	Return Receipt \$		
		Postage \$ 2.50	Restricted Delivery \$		
		Received by MLJ	☐ Intl		
	Customer Completion (Please Print)	Customer must declare Full value \$ N.V.		☐ With Postal Insurance ☐ Without Postal Insurance \$25,000 Domestic Ins. Limit	
		FROM	MGP		
			PO Box 70		
		TO	LOVINGTON NM		ZIP CODE 88260
			Shell Western E+P		
Box 576			ZIP CODE 77001		

MARKS-GARNER PRODUCTION CO.

PRODUCERS OF OIL & GAS

Phone (505) 396-5326
P.O. Box 70 - 1421 S. Love St.
Lovington, New Mexico 88260

February 3, 1989

Union Oil of California
P O Box 3100
Midland, Texas 79702

RE: State Lease B-1167
San Simon #1
Sec 13, T-21S, R-34E

TO WHOM IT MAY CONCERN:

We are converting the lease known as the San Simon #1 to an injection well.

If you have any questions call James H. Garner at the above phone number.

Thank you,

James H. Garner
Partner

REGISTERED NO. R280 445 085		POSTMARK OF LOVINGTON NM 88260 FEB 3 1989 USPS	
Post Office Completion	Reg. Fee \$ 4.50	Special-Delivery \$	
	Handling Charge \$	Return Receipt \$	
	Postage \$ 25	Restricted Delivery \$	
	Received by mk		☐ Intl
Customer must declare Full value \$ 100		☐ With Postal Insurance \$25,000 Domestic Ins. Limit ☐ Without Postal Insurance	
Customer Completion (Please Print)	FROM	Marks Garner Prod Co	
		P O Box 3100	
		Midland TX	
		ZIP CODE 79702	
TO	Union Oil of CALIF		
	P O Box 3100		
	Midland TX		
	ZIP CODE 79702		

PS FORM 3806
Apr. 1985

RECEIPT FOR REGISTERED MAIL (Customer Copy)
(See Information on Reverse)

MARKS-GARNER PRODUCTION CO.

Phone (505) 396-5326
P.O. Box 70 - 1421 S. Love St.
Lovington, New Mexico 88260

PRODUCERS OF OIL & GAS

February 3, 1989

Merchant Livestock Co.
P O Box 1414
Eunice, New Mexico 88231

RE: State Lease B-1167
San Simon #1
Sec 13, R-21S, R-34E

Dear John Pearson:

We are converting the lease known as the San Samon #1 to an injection well.
If you have any questions call James H. Garner at the above phone number.

Thank-you,

James H. Garner
James H. Garner
Partner

All Entries MUST be in Ball Point or Typed		REGISTERED NO. <i>R280445086</i>		POSTMARK OF LOVINGTON, NM FEB 3 1989 USPS	
		Post Office Completion	Reg. Fee \$ <i>4.50</i>	Special Delivery \$	
			Handling Charge \$	Return Receipt \$	
			Postage \$ <i>25</i>	Restricted Delivery \$	
			Received by <i>mm</i>	☐ Intl	
Customer Completion (Please Print)		Customer must declare Full value \$ <i>1000</i>		☐ With Postal Insurance ☐ Without Postal Insurance \$25,000 Domestic Ins. Limit	
		FROM	Marks-Garner Prod Co		
			P O Box 70		
			Lovington NM		ZIP CODE 88260
		TO	Merchant Livestock Co		
	P O Box 1414				
	Eunice NM		ZIP CODE 88231		

PS FORM 3806 RECEIPT FOR REGISTERED MAIL (Customer Copy)
Apr. 1985 (See Information on Reverse)

MARKS-GARNER PRODUCTION CO.

PRODUCERS OF OIL & GAS

Phone (505) 396-5326
P.O. Box 70 - 1421 S. Love St.
Lovington, New Mexico 88260

February 3, 1989

State of New Mexico
Commissioner of Public Lands
P O Box 1148
Santa Fe, New Mexico 87504-1148

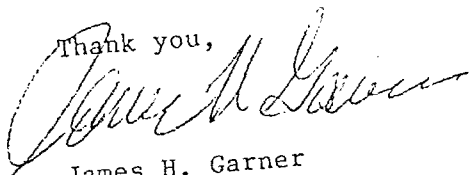
RE: State Lease B-1167
San Simon #1
Sec 13, T-21S, R-34E

Dear Mr. Prando:

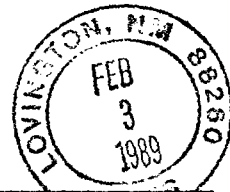
We are converting the lease known as the San Simon #1 to an injection well.

If you have any questions call James H. Garner at the above phone number.

Thank you,



James H. Garner
Partner

REGISTERED NO. R280 445 086		POSTMARK OF 	
Post Office Completion	Reg. Fee \$ 4.50	Special Delivery \$	
	Handling Charge \$	Return Receipt \$	
	Postage \$ 2.15	Restricted Delivery \$	
	Received by 	☐ Intl	
Customer must declare Full value \$ N/D		☐ With Postal Insurance ☐ Without Postal Insurance \$25,000 Domestic Ins. Limit	
Customer Completion (Please Print)	FROM	Marks Garner Prod Co P O Box 70 LOVINGTON NM 88260	
	TO	State of NM / Comm Public Lands Box 1148 Santa Fe NM 87504-1148	
		ZIP CODE	
		ZIP CODE	

PS FORM 3806 RECEIPT FOR REGISTERED MAIL (Customer Copy)
Apr. 1985 (See Information on Reverse)

BEFORE THE OIL CONSERVATION COMMISSION
OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE HEARING
CALLED BY THE OIL CONSERVATION
COMMISSION OF NEW MEXICO FOR
THE PURPOSE OF CONSIDERING:

CASE No. 4015
Order No. R-3657

APPLICATION OF WILSON OIL COMPANY
FOR SALT WATER DISPOSAL, LEA COUNTY,
NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 a.m. on January 8, 1969,
at Santa Fe, New Mexico, before Examiner Daniel S. Nutter.

NOW, on this 13th day of January, 1969, 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, Wilson Oil Company, is the owner
and operator of the following wells in the Wilson Yates-Seven
Rivers Pool, Lea County, New Mexico:

TOWNSHIP 21 SOUTH, RANGE 34 EAST, NMPM

Wilson State Well No. 9 located in Unit F of Section 13;
Shell State Well No. 13 located in Unit H of Section 13;
Wilson State Well No. 8 located in Unit O of Section 13;
Wilson State Well No. 20 located in Unit B of Section 23;
Wilson State Well No. 21 located in Unit J of Section 23;

TOWNSHIP 21 SOUTH, RANGE 35 EAST, NMPM

Wilson State Well No. 1-A located in Unit G of Section 7.

IV

(3) That the applicant proposes to utilize said wells to dispose of produced salt water into the Yates and Seven Rivers formations, with injection into the intervals as follows:

The open-hole interval from approximately 3601 feet to 3781 feet in the Wilson State Well No. 9;

The perforated and open-hole interval from approximately 3778 feet to 4139 feet in the Shell State Well No. 13;

The open-hole interval from approximately 3442 feet to 3775 feet in the Wilson State Well No. 8;

The open-hole interval from approximately 3720 feet to 3965 feet in the Wilson State Well No. 20;

The open-hole interval from approximately 3602 feet to 3749 feet in the Wilson State Well No. 21; and

The open-hole interval from approximately 3822 feet to 3846 feet in the Wilson State Well No. 1-A.

(4) That injection into each of the above-described wells down the casing should be permitted provided said produced water is continuously treated prior to injection to prevent corrosion.

(5) That approval of the subject application will prevent the drilling of unnecessary wells and otherwise prevent waste and protect correlative rights.

(6) That the applicant further seeks the establishment of an administrative procedure whereby additional wells in the Wilson Yates-Seven Rivers Pool could be placed on salt water disposal.

(7) That an administrative procedure should be established for the approval of additional salt water disposal wells in the Wilson Yates-Seven Rivers Pool, provided that such additional salt water disposal wells are completed in a manner similar to the subject wells.

-3-

CASE No. 4015

Order No. R-3657

IT IS THEREFORE ORDERED:

(1) That the applicant, Wilson Oil Company, is hereby authorized to utilize its following-described wells in the Wilson Yates-Seven Rivers Pool, Lea County, New Mexico, to dispose of produced salt water into the Yates and Seven Rivers formations, with injection to be accomplished as follows:

TOWNSHIP 21 SOUTH, RANGE 34 EAST, NMPM

Wilson State Well No. 9 located in Unit F of Section 13, injection to be accomplished down the casing, with injection into the open-hole interval from approximately 3601 feet to 3781 feet;

Shell State Well No. 13 located in Unit H of Section 13, injection to be accomplished down the casing, with injection into the perforated and open-hole interval from approximately 3778 feet to 4139 feet;

Wilson State Well No. 8 located in Unit O of Section 13; injection to be accomplished down the casing, with injection into the open-hole interval from approximately 3442 feet to 3775 feet;

Wilson State Well No. 20 located in Unit B of Section 23, injection to be accomplished down the casing, with injection into the open-hole interval from approximately 3720 feet to 3965 feet;

Wilson State Well No. 21 located in Unit J of Section 23, injection to be accomplished down the casing, with injection into the open-hole interval from approximately 3602 feet to 3749 feet;

TOWNSHIP 21 SOUTH, RANGE 35 EAST, NMPM

Wilson State Well No. 1-A located in Unit G of Section 7, injection to be accomplished down the casing, with injection into the open-hole interval from approximately 3822 feet to 3846 feet;

PROVIDED HOWEVER, that said produced salt water shall be continuously treated prior to injection to prevent corrosion.

-4-

CASE No. 4015

Order No. R-3657

(2) That the applicant shall submit monthly reports of its disposal operations in accordance with Rules 704 and 1120 of the Commission Rules and Regulations.

(3) That as an exception to Rule 701 of the Commission Rules and Regulations, the Secretary-Director is hereby authorized to approve additional salt water disposal wells in the Wilson Yates-Seven Rivers Pool when an application for such authority has been filed and the Secretary-Director determines that approval of the application will prevent the drilling of unnecessary wells and otherwise prevent waste and protect correlative rights;

PROVIDED HOWEVER, that any such additional salt water disposal well shall be completed in a manner similar to the subject wells, and provided further, that such disposal shall be into the Yates and Seven Rivers formations.

(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.

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

DAVID F. CARGO, Chairman

ALEX J. ARMIJO, Member

A. L. PORTER, Jr., Member & Secretary

S E A L

esr/

**NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-102
Superseded
Effective 1-

All distances must be from the outer boundaries of the Section

Operator Meridian Oil Co.		Lease Benson 34 Federal		Well No. 1
Unit Letter J	Section 34	Township 18-S	Range 30-E	County Eddy
Actual Footage Location of Well: 1650 feet from the South line and 1650 feet from the East line				
Ground Level Elev. 3443.0	Producing Formation Strawn		Pool Benson Shown - Gas	Dedicated Acreage 320

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to work interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

**RECEIVED BY
JUL 14 1987
ARTESIA, OFFICE**

☐ Yes ☐ No If answer is "yes," type of consolidation _____

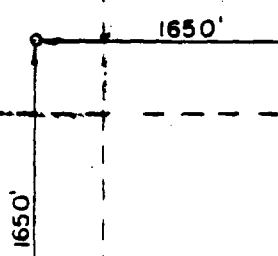
If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.

READING & BATES 328978	READING & BATES 328978	358650	MERIDIAN OIL INC. 56541
LARUE E. MUNCY 27276	TEXACO 27281	MERIDIAN OIL INC. 56541	



U.S.



U.S.

CERTIFICATION

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

Cathy Nokes

Name **Cathy Nokes**

Position **Engineering Tech III**

Company **Meridian Oil Inc.**

Date **4/14/87**

I hereby certify that the well location shown on this plat was plotted from the notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed
April 9, 1987

Registered Professional Engineer
and/or Land Surveyor

John W. West

Certificate No. **JOHN W. WEST.** 575
RONALD J. EIDSON 573