

**THIS WELL IS SHOWN AT A SURFACE
LOCATION TO BE WELL WITHIN THE
BOUNDARIES OF THE CAPITAN REEF.
PAUL KAUTZ, DISTRICT 1 GEOLOGIST
STATED THAT IN SECTION 26 WHERE
THE WELL IS LOCATED THAT THE REEF
IS MUCH DEEPER THAN THE SEVEN RIVERS
AND INDICATED THAT HE HAD NO PROBLEM
WITH ADMINISTRATIVE APPROVAL OF
THIS DISPOSAL WELL.**

Paul Kautz

12.21.95

CHECKLIST for ADMINISTRATIVE INJECTION APPLICATIONS

Operator: Westbrook Oil Corp. Well: Double '35' 11-11 No. 1

Contact: Phillip Westbrook Title: Pres. Phone: 505-393-9714

DATE IN 11-15-95 RELEASE DATE 12-2-95 DATE OUT 12-21-95

Proposed Injection Application is for: WATERFLOOD Expansion Initial

Original Order: R- Secondary Recovery Pressure Maintenance

SENSITIVE AREAS SALT WATER DISPOSAL Commercial Well

WIPP YFS Capitan Reef → O.K. by PAUL KAUTZ 12-21-95
245-36F

Data is complete for proposed well(s)? YFS Additional Data Req'd _____

AREA of REVIEW WELLS

19 Total # of AOR 14 # of Plugged Wells

YES Tabulation Complete YFS Schematics of P & A's

YES Cement Tops Adequate NO AOR Repair Required

INJECTION FORMATION

Injection Formation(s) SEVEN RIVERS Compatible Analysis YFS

Source of Water or Injectate AREA PRODUCTION

PROOF of NOTICE

YFS Copy of Legal Notice YFS Information Printed Correctly

YFS Correct Operators YFS Copies of Certified Mail Receipts

Objection Received Set to Hearing _____ Date

NOTES: _____

APPLICATION QUALIFIES FOR ADMINISTRATIVE APPROVAL? YFS

COMMUNICATION WITH CONTACT PERSON:

1st Contact: Telephoned Letter _____ Date _____ Nature of Discussion _____

2nd Contact: Telephoned Letter _____ Date _____ Nature of Discussion _____

3rd Contact: Telephoned Letter _____ Date _____ Nature of Discussion _____

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APPLICATION FOR AUTHORIZATION TO INJECT

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

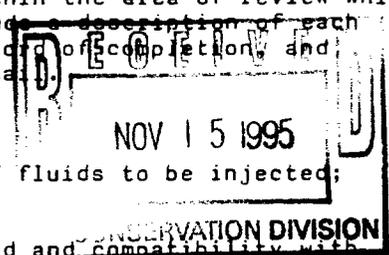
II. Operator: Westbrook Oil Corporation
Address: P. O. Box 2264 - Hobbs, NM 88241-2264
Contact party: V. H. Westbrook Phone: 393-9714

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 _____.

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 details.



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: Patricia Westbrook Title: President

Signature: Patricia Westbrook Date: Nov. 13, 1995

* 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.

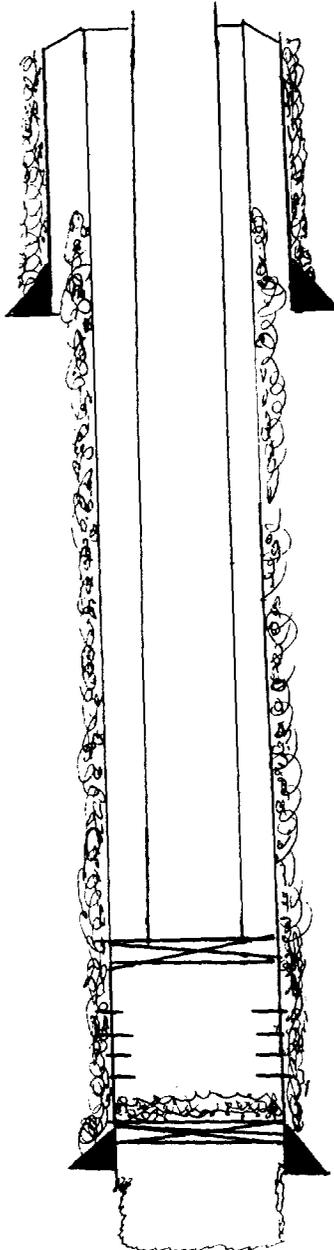
INJECTION WELL DATA SHEET

Westbrook Oil Corporation

Double "SS"

OPERATOR	LEASE		
1	2310' FWL & 990' FSL	26	24-S 36-E
WELL NO.	FOOTAGE LOCATION	SECTION	TOWNSHIP RANGE

Schematic



Tabular Data

Surface Casing

Size 8-5/8" Cemented with 535 sks.
 TOC circulated 35 sks feet determined by _____
 Hole size 12-1/4"

Intermediate Casing

Size NA Cemented with _____ sks.
 TOC _____ feet determined by _____
 Hole size _____

Long string

Size 5 1/2" Cemented with 450 sks.
 TOC 1120' feet determined by calculated
 Hole size 7 7/8"
 Total depth 3267'

Injection interval perforated
3207 feet to 3232 feet
 (perforated or open-hole, indicate which)

perfs @ 3207' to 3232'

CIBP w/20' cement set @ 3256'

20' Open hole below casing shoe

Cement plug and CIBP to be removed later.

Disposal zone from 3207' to 3287'

Tubing size 2 7/8" lined with PVC or Plastic set in a
 (material)
Baker AD-1 packer at 3150 feet
 (brand and model)

(or describe any other casing-tubing seal).

Other Data

1. Name of the injection formation Seven Rivers

2. Name of field or pool (if applicable) Jalmat Seven Rivers Yates

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

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

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) _____

No

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

Yates 3150' Queens 3350'+

PHILLIPS PETROLEUM COMPANY

C. D. WOOLWORTH NO. 14 oilwell drilled 3-4-35.
unit letter L - 1980 FSL - 659 FWL of sec. 26, T-24-S, R-36-E.
16" hole with 12 1/2" casing set @ 207' cemented w/130 sks.
12 1/4" hole 9 5/8" casing set @ 1371' cemented w/350 sks.
8 3/4" hole 7" casing set @ 3430' cemented w/400 sks.
calculated TOC 2100'.
perfs 3108' - 3130'

C. D. WOOLWORTH NO. 19 oilwell* drilled 2-21-76
unit letter F - 1650' FNL - 2310' FWL of sec. 26, T-24-S, R-36-E.
11" hole 8 5/8" casing set @ 1333' cemented w/700 sks - circulated.
7 7/8" hole 5 1/2" casing set @ 3350' cemented w/400 sks.
TOC 2550' temp survey
original perfs 3230'-35', 3097'-3101', 2920'-38', 2999'-3008', 3032'-56'.
squeezed w/100 sks cement.
present perfs for disposal 3230'-35' and 3245'-70'.
* now salt water disposal well.

MERIDIAN OIL, INC.

WOOLWORTH NO. 1 gas well drilled 12-20-51
unit letter P 660' FSL - 330' FEL of sec 26, T-24-S, R-36-E.
10 3/4" hole 8 5/8" casing set @ 295' cemented w/150 sks.
7 7/8" hole 5 1/2" casing set @ 2695' cemented w/2000 sks.
original open hole completion from 2700' to 2874' shot w/300 qts nitro.
PBTD w/CIBP w/20' cement to 2650'
present perfs 2580' - 2612' in Tansill.

TOLA PRODUCTION COMPANY

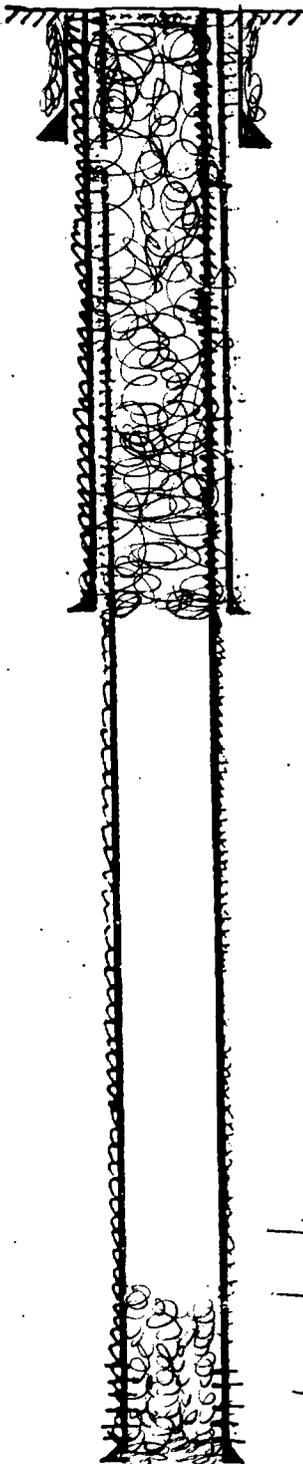
PHILLIPS-COLDSTON NO. 1 gas well drilled 6-1-79.
unit letter G 2310' FNL - 1980' FEL of sec 26, T-24-S, R-36-E.
10 3/4" hole 8 5/8" casing set @ 454' cemented w/325 sks.
7 7/8" hole 5 1/2" casing set @ 3037' cemented w/600 sks.
calculated TOC 958'
perfs 2836' - 2958'

WESTBROOK OIL CORPORATION

DOUBLE "SS" NO. 2 gas well drilled 11-4-83
unit letter C 330' FNL - 2310' FWL sec 35, T-24-S, R-36-E.
12 1/4" hole w/8 5/8" casing set @ 1214' cemented w/575 sks
circulated 75 sks
7 7/8" hole w/4 1/2" casing set @ 3295' cemented w/510 sks
calculated TOC 2100'
perfs 3042' to 3089'

OPERATOR Tide Water Oil Co.	DATE 2/1/40
LEASE C. D. Woolworth	WELL No. 1
LOCATION 860' FSL + 1980' FEL Sec 26 T24S R36E	

Lea Co. N. M.



12 1/8" Casing set @ 159' Cemented w/175 sks

Plug No. 1

850 SK Plug from 1496' to Surface (Cement)

9 5/8" Casing set @ 1496' Cemented w/900 sks

Plug No. 2

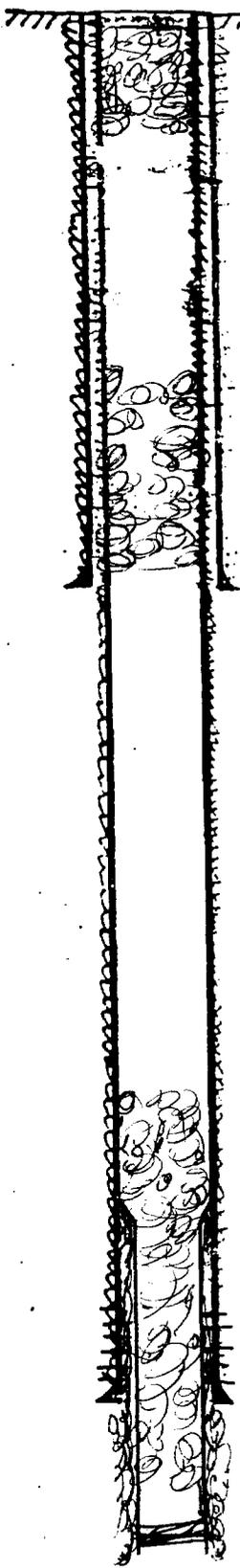
35 SK Plug @ TOP of Salt section

Plug No. 1

Well Cemented covering all perforations

7" Casing Set @ 3465' Cemented w/450 sks

OPERATOR Con Vest Energy Corp.	DATE 9-30-92
LEASE Ogg 'A'	WELL No. 6
LOCATION 330' ENL + 1650' FEL Sec 35 T24S R36E Lea Co. N.M.	



Plug No. 1

10 SK Cement Plug from 126' to Surface

Plug No. 2

35 SK cement Plug from 422' to 318'

8 5/8" Casing set @ 372' Cemented w/ 125 SKs

3 1/2" Liner set from 2630' to 3190' Cemented w/ 900 SKs

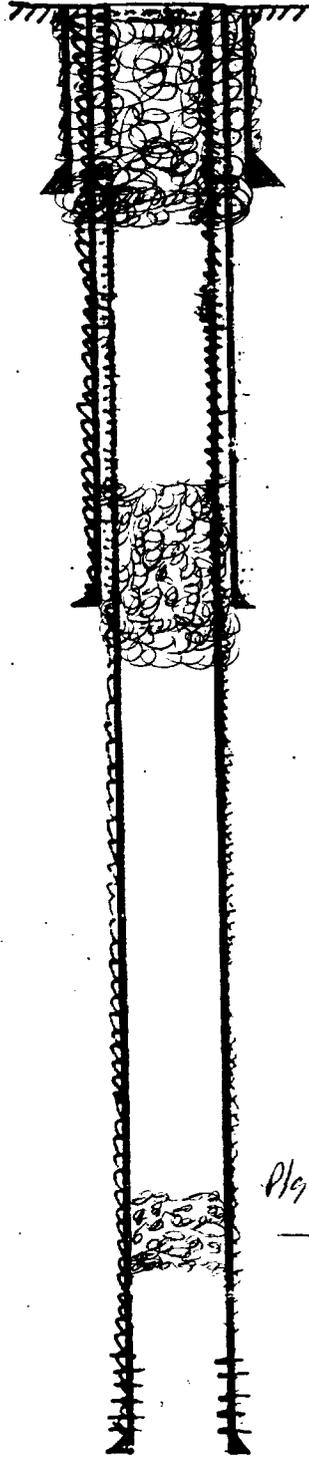
5 1/2" Casing set @ 2795' Cemented w/ 450 SKs

Plug No. 1

40 SK Plug ~~to~~ of Cement from 3026' to 2376'

CIBP @ 3140'

OPERATOR Convest Energy Corp	DATE 9-92
LEASE Woodworth	WELL No. 1
LOCATION N80°E L4 660 FSL Sec. 26 T24 N R36 E Lea Co. NM	



15 1/2" casing set @ 185' cemented w/225 SKs

Plg #3 SKs cement from 235' to surface (port @ 235')

Plg #2

35 SKs cement from 1294' to 1141' (port at 1394')

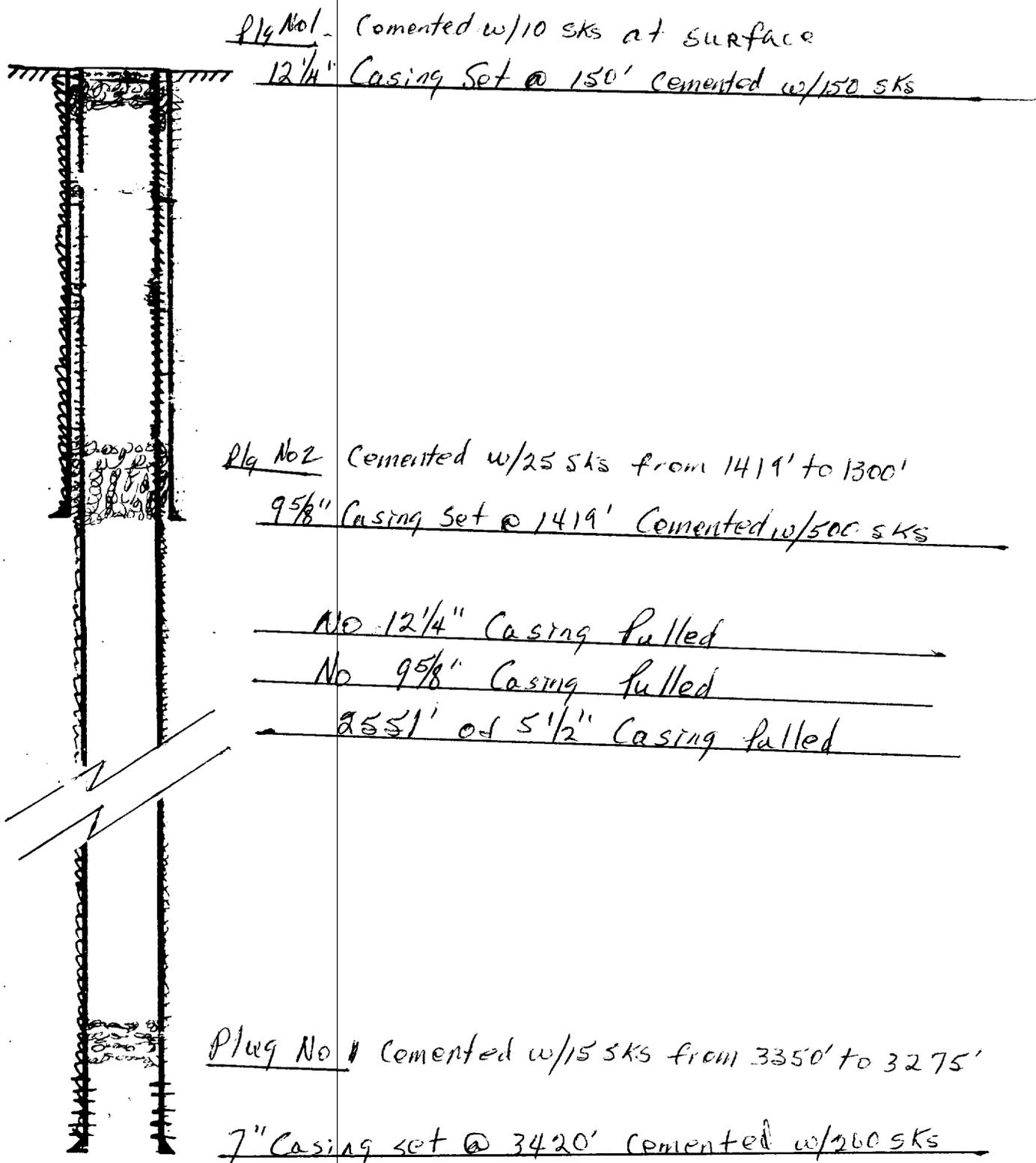
9 5/8" casing set @ 1344' cemented w/500 SKs

Plg #1

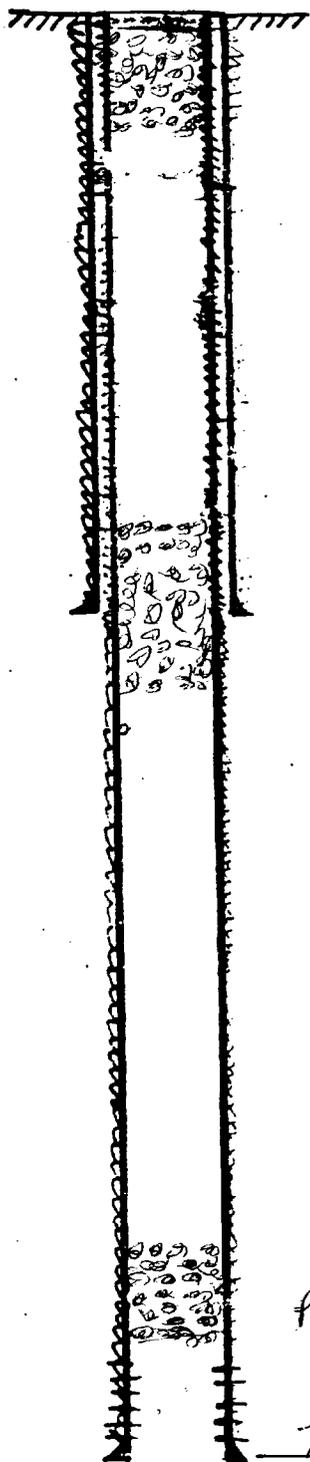
70 SKs cement from 3047' to 2872'

7" casing set @ 3452' cemented w/400 SKs

OPERATOR Amevada Petro. Corp.		DATE 8/2/43
LEASE N. Everett	WELL No. 2	LOCATION 1980' FLOW + 660' FSL Sec 26. T45. R936E Lea Co. N.M.



OPERATOR Phillips Petro Co.		DATE 4-12-80	
LEASE C-D Woodworth	WELL No. 12	LOCATION 1956' ESL + 1989' FWL Sec 26 T24S R36E Lea Co. N.M.	



12 1/2" casing set @ 207' cemented w/150 sks.
 Plg No. 3. 50 sks cement from 250' to surface

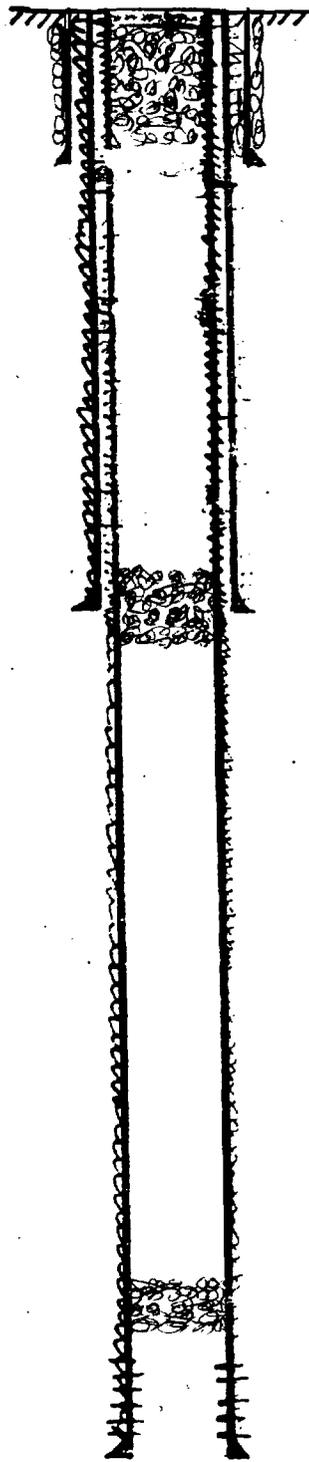
9 5/8" casing set @ 1346' cemented w/350 sks

Plg No. 2 100 sks cement from 1600' to 1100'

Plg No. 1 100 sks cement from 3147' to 2510'

7" casing set @ 3484' cemented w/400 sks

OPERATOR Convect Energy Corp.	DATE 10/30/92
LEASE 099 'A'	WELL No. 2
LOCATION 660' ENL + 1980' FEL Sec 35 T44S R30E Lea Co. NM.	



Plug #3 - 165 sks cement from 219' to surface -

12 1/8" casing set @ 169' cemented w/100 sk

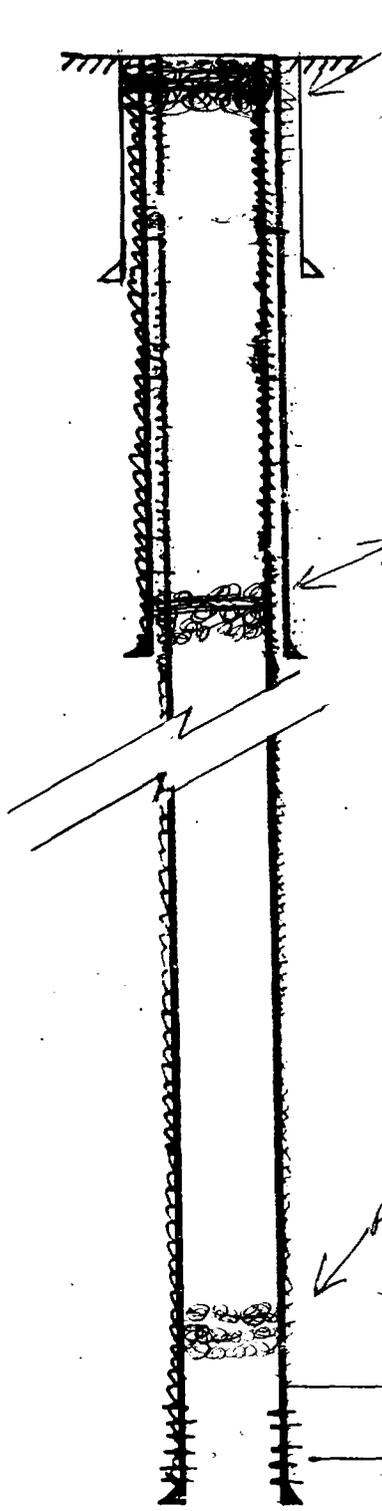
9 5/8" casing set @ 1675' cemented w/1000 sks

Plug No. 2 - 75 sk cement from 1719' - 1595'

Plug No. 1 - 35 sk cement from 3163' to 3108'

7" casing set @ 3462' cemented w/200 sks

OPERATOR Amerada Petro. Co.	DATE 8/2/43
LEASE N. EVERETT	WELL No. 1
LOCATION Sec. 35-T24S-R936E Lea Co. N.M. 1980' FWL + 660' FNL	

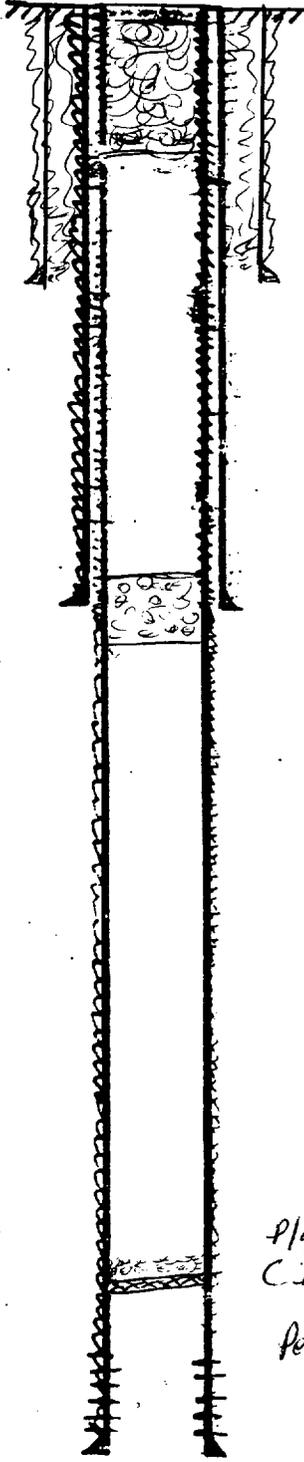


Plg #3 - 10 SX plug in 12 1/2" casing
 12 1/2" casing set @ 197' cemented w/ 250 SX
 None pulled from well

Plg #2 15 SX cement from 1390' to 1352'
 9 5/8" casing set @ 1402 cemented w/ 385 SX
~~1862' 9 5/8" casing pulled from well~~
 130' 9 5/8" casing pulled from well

Plg #1
 50' Cement plug from 3150' to 3100' w/ 10 SX
 7" casing set @ 3408' cemented w/ 375 SX
 1862' removed from well

OPERATOR Convest Energy		DATE 9/11/92
LEASE 099 A	WELL No. 4	LOCATION 660' FNL + 660' FNL, Sec 35, T24S, R23E lea. Co. NM



17 1/2" casing set at 175' with 100 sx cement

Plg #3
Cement plug from 225' to surface w/ 80 sx cement

9 5/8" casing set at 1617' with 1000 sx of
Hole size _____ cement

Plg #2
Cement plug of 75 sx from 1650' - 1500'

Plg #1
CIBP @ 3290 w/ 5 sx cement on top
Perfs @ 3320 to 3426

7" casing set @ 3453' with 200 sx of _____ cement
Total Depth _____ Hole Size _____

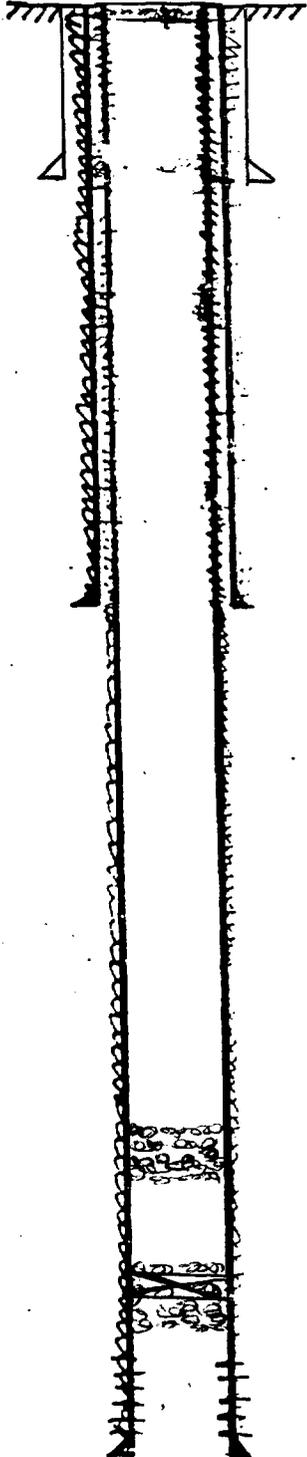
OPERATOR	Convest Energy Corporation		DATE	9/30/92
LEASE	Woolworth	WELL No.	2	
		LOCATION	1650'ESL + 990'FEL sec 26 T24S R36E.	

Lea. Co. N.M.

Plg No. 1

10 SK cement Plug from 100' to surface

8 5/8" casing set @ 1197' Cemented w/350 SKs.



Plg No. 2

35 SK cement from 1251' to 1149'

Plg No. 3

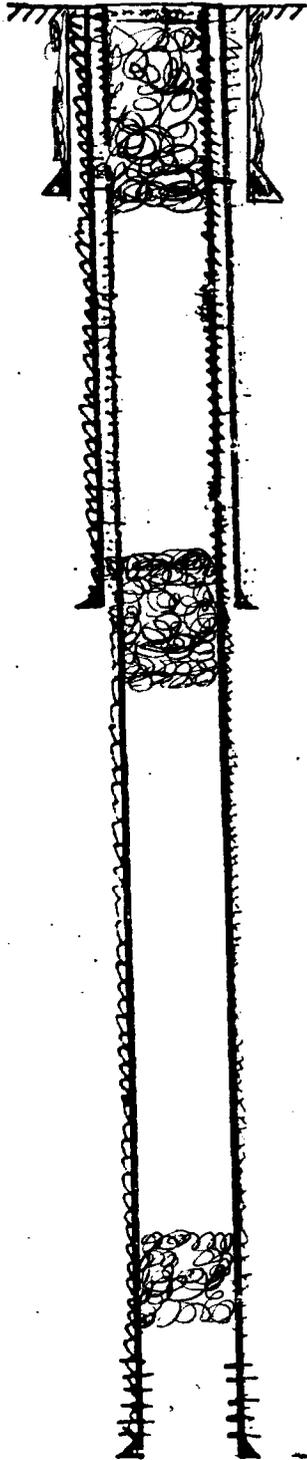
70 SK cement Plug from 2878' - 2845'

PBTD 3022'

5 1/2" Casing set @ 3336' Cemented w/640 SKs.

OPERATOR Phillips Petro. Company	DATE 2-22-77
LEASE E. D. Woolworth	WELL No. 11
LOCATION 1981' ENL + 1991' FWH Sec 26 T24S-R-36E	

Lea Co. N. M.



Plug No. 3

50 SK cement plug from 265' to surface

12 1/2" casing set @ 214' Cemented w/ 150 SKs

9 5/8" casing set @ 1338' Cemented w/ 350 SKs

Plg No. 2

150' SKs cement plug from 1565' to 1300'

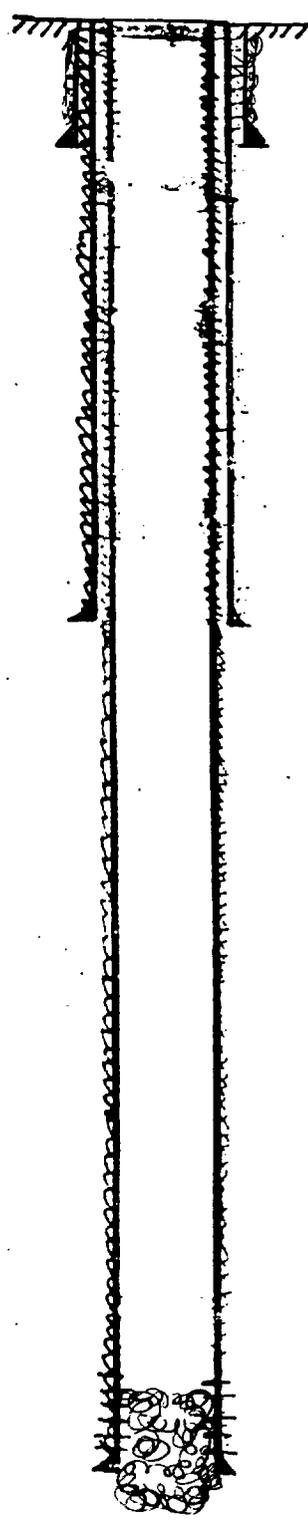
Plg No. 1

100 SK cement plug from 3050' to 2600'

7" casing set @ 3468' cemented w/ 400 SKs

OPERATOR Atlantic Oil Producing Co.		DATE 1/23/42
LEASE E.D. Woolworth	WELL No. 1	LOCATION 990' FEL + 1980' FNL SEC 26 T24S R36E

Lea Co. N.M.



Plug No 1 + No. 2
Cement plug put at bottom + Top of surface casing
12 1/2" Casing set @ 221' Cemented w/ 150 SKs

8 5/8" Casing set @ 1348' Cemented w/ 500 SKs

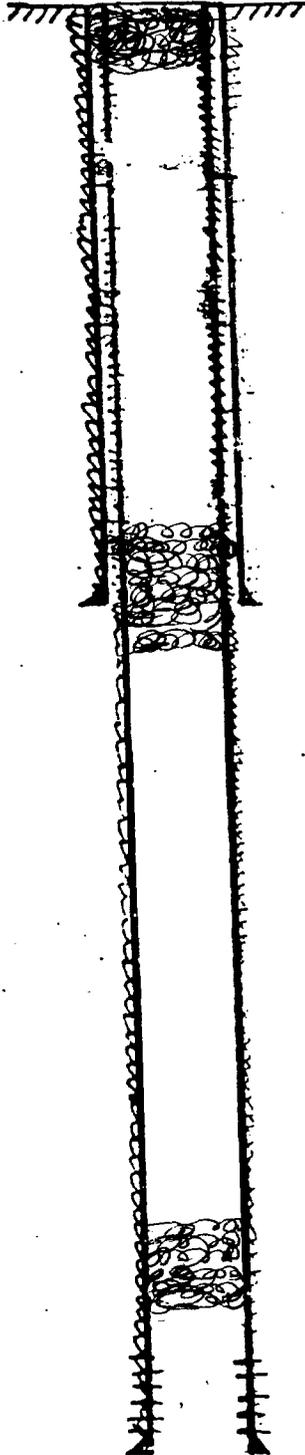
Plug No. 1
Entire Formation Covered by Cement
5 1/2" Casing Set @ 3452' Cemented w/ 1000 SKs

OPERATOR Phillips Petrol. Co.	DATE 5/21/46
LEASE C. D. Woolworth	WELL No. 13
	LOCATION SW 1/4 of NW 1/4 Sec. 26 T24S R36E Lea Co. N.M.

Plg. No. 1.

10' Cement Plug set in 12 1/4" @ Surface

12 1/2" Casing set @ 215' Cemented w/ 150 SK



Plug No. 2

40 SK cement plug @ Top of cut-off 9 5/8" casing

9 5/8" Casing set @ 1363' Cemented w/ 350 SKs

Plug No. 1

Cement Plug from 3330' to 3290'

7" Casing set @ 3426' Cemented w/ 400 SKs

OPERATOR Continental Oil Co.	DATE 1-1-46
LEASE Gates A-26	WELL No. 1
LOCATION 660' FSL + 660' FWL Sec 26 T24S. R36E Lea Co. N. M.	

Plug No 1. Cement Plug from 219' to Surface in 10 3/4"
10 3/4" Casing set @ 219' Cemented w/300 SKs

Plug No. 2 Cement plug @ top of 7 5/8" left in hole.

No 10 3/4" Casing pulled

1400' of 7 5/8" Casing pulled

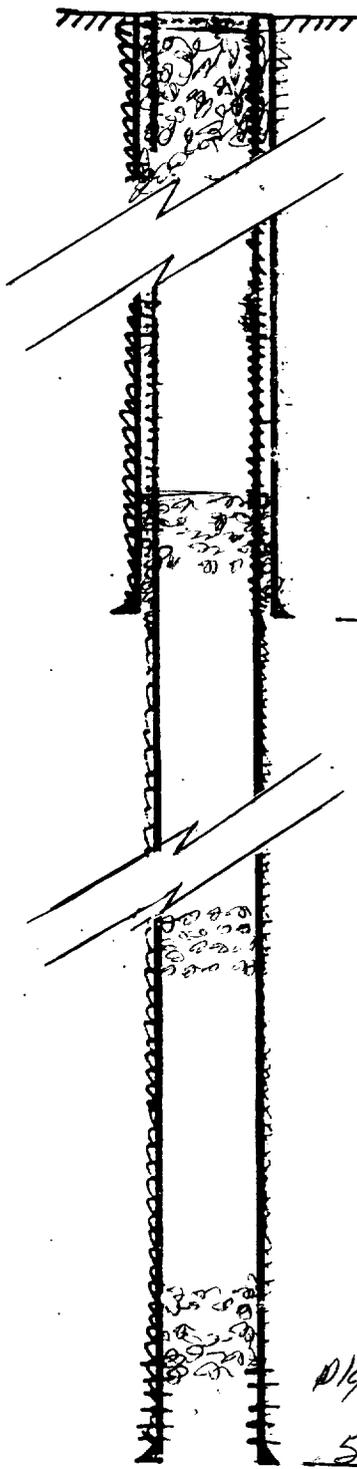
2315' of 5 1/2" Casing pulled

7 5/8" Casing set @ 1675' Cemented w/500 SKs

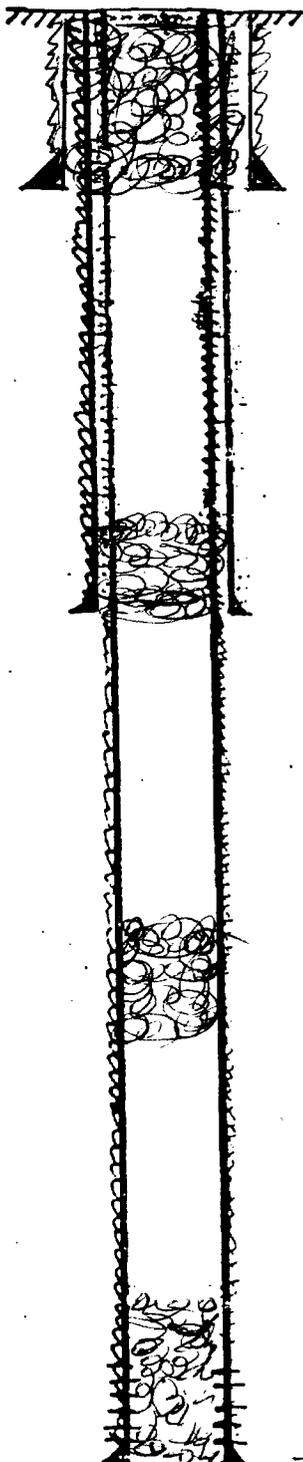
Plug #2. ~~50 SKs~~ cement plug @ top of 5 1/2" @ 2315' from ~~2365' to 2375'~~

Plug No. 4 ^{50 SKs} ~~Cement~~ Cement from 3443' to 3300'

5 1/2" Casing set @ 3443' Cemented w/300 SKs



OPERATOR Continental Oil Co.	DATE 1-1-46
LEASE Gates A-26	WELL No. 1
LOCATION 660 FSL + 660' FWL Sec 26 T24S R36E. Lea Co. N. M.	



Plug No. 1

Cement Plug set in 10³/₄" from 219' to Surface
10³/₄" Casing set @ 219' Cemented w/300 SKs

Plug No. 2

Cement Plug set @ Top of cut-off 7⁵/₈" @ 1400'

7⁵/₈" Casing set @ 1675' Cemented w/500 SKs.

Plug No. 3

Cement Plug set @ top of cutoff 5¹/₂" @ 2315'

Plug No. 4

50 SK cement Plug from 3443' to 3300'

5¹/₂" Casing set @ 3443' Cemented w/300 SKs



WESTBROOK OIL CORPORATION

PATRICIA WESTBROOK
PRESIDENT

V. H. WESTBROOK
VICE PRESIDENT

P.O. Box 2264
808 W. Broadway
Hobbs, NM 88241
(505) 393-9714
FAX (505) 393-0247

November 13, 1995

Energy and Minerals Department
Oil Conservation Division
State Land Office Building
P. O. Box 2088
Santa Fe, New Mexico 87501

Re: FORM NO. C-108
APPLICATION TO INJECT

VIII. The water is to be disposed into the top of the Seven Rivers formation of the Permian Group which consists of a tan to light brown porous dolomite and reef. The disposal zone is approximately 200 feet thick from 3175 feet to 3350 feet.

The only fresh water zone in the area is an Alluvium Sand above the red beds not deeper than 80 feet. To my knowledge, there are no other fresh water zones either above or below the proposed disposal zone.

XII. I have examined the available geological data within the area of the proposed disposal well and have found no evidence of a hydrologic connection between the Seven Rivers disposal zone and any underground source of fresh water.

Very truly yours,

V. H. Westbrook

VHW/bw



WESTBROOK OIL CORPORATION

PATRICIA WESTBROOK
PRESIDENT

V.H. WESTBROOK
VICE PRESIDENT

P.O. Box 2264
808 W. Broadway
Hobbs, NM 88241
(505) 393-9714
FAX (505) 393-0247

VII PROPOSED OPERATION DATA:

1. Average daily rate at two (2) barrels per minute for a maximum of three thousand (3,000) barrels daily.
2. The proposed system is a closed system.
3. The proposed average and maximum injection pressure is from zero (0) to six hundred (600) pounds psi.

IX PROPOSED STIMULATION PROGRAM:

Approximately one thousand (1,000) gallons 15% HCL acid will be pumped down well.

X LOGGING & TEST DATA ON WELL:

Filed with Hobbs Oil Conservation Division.

XI FRESH WATER WELLS WITHIN A ONE MILE RADIUS:

No producing fresh water wells are within a one mile radius of proposed disposal well.

UNICHEM

A Division of BJ Services Company

Lab Test No : 7722

Westbrook Oil

Sample Date : 10/20/95

Lab Date In : 11/3/95

Lab Date Out : 11/2/95

Water Analysis

Listed below please find water analysis report from : Zattie Chushing

#1

Specific Gravity : 1.006
 Total Dissolved Solids : 8050
 pH : 6.83
 Conductivity (uohms):
 Ionic Strength : 0.168

Cations: mg/l

Calcium (Ca++):	520
Magnesium (Mg++):	316
Sodium (Na+):	1814
Iron (Fe++):	9.60
Dissolved Iron (Fe++):	
Barium (Ba++):	2.70
Strontium (Sr):	
Manganese (Mn++):	0.24
Resistivity :	

Anions:

Bicarbonate (HCO3-):	1171
Carbonate (CO3-):	0
Hydroxide (OH-):	0
Sulfate (SO4-):	1029
Chloride (Cl-):	3200

Gases: ppm

Carbon Dioxide (CO2):	
Oxygen (O2):	
Hydrogen Sulfide (H2S):	

Scale Index (positive value indicates scale tendency) a blank indicates some tests were not run

Temperature	CaCO3 SI	CaSO4 SI
86F 30.0C	0.65	-18.48
104F 40.0C	0.94	-18.48
122F 50.0C	1.17	-18.48
140F 60.0C	1.37	-18.29
168F 70.0C	1.63	-17.33
176F 80.0C	1.91	-18.48

Comments :

If you have any questions or require further information, please contact us.

Sincerely,



cc: Is...

Laboratory Technician



ReAction Chemical Enterprises, Inc.
 P.O. BOX 6408 • ODESSA, TEXAS 79767-6408 • 915/332-4324

WATER ANALYSIS

Date of Run 9-15-84
 Date Received 9-10-84

A Sample of Produced Water

Secured From Highland Production

At Double SS #1 Secured By K. David Wallender

Purpose Full Analysis

CONSTITUENTS REPORTED AS PARTS PER MILLION UNLESS OTHERWISE SPECIFIED

Total Alkalinity -- CaCO ₃	--	Hydrogen Sulfide -- H ₂ S	34
Chloride -- Cl	6,000	Sodium -- Na	3,473
Calcium -- Ca	640	Carbonate -- CO ₃	0
Magnesium -- Mg	486	Bicarbonate -- HCO ₃	1,342
Sulfate -- SO ₄	1,542	Total Dissolved Solids	13,483
Total Hardness -- CaCO ₃	3,600	pH @ 76 °F	7.25
Total Iron (Water) (Oil)	0	Specific Gravity @ 76 °F	1.005
Barium -- Ba	0		
CO ₂	100		

STABILITY INDEX (Stiff-Davis Method)
 S. I. = pH-pCa-pAlk-K

60°F _____
 100°F _____
 140°F _____
 180°F _____

SCALING TENDENCY

Calcium Carbonate _____
 Calcium Sulfate _____

Remarks: _____

Analyzed By: C. Boyette

Z 207 035 773



Receipt for Certified Mail

No Insurance Coverage Provided Do not use for International Mail (See Reverse)

Sent to Phillips Petroleum Company	
Street and No. 4001 Penbrook	
P.O. State and ZIP Code Odessa, TX 79762	
Postage	\$ L
Certified Fee	L
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	L
Return Receipt Showing to Whom, Date, and Addressee's Address	
TOTAL Postage & Fees	\$ 2.52
Postmark or Date	NOV 9 1995 USPS

Z 207 035 774



Receipt for Certified Mail

No Insurance Coverage Provided Do not use for International Mail (See Reverse)

Sent to Texaco, Inc.	
Street and No. P.O. Box 3109	
P.O. State and ZIP Code Midland TX 79702	
Postage	\$ L
Certified Fee	L
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	L
Return Receipt Showing to Whom, Date, and Addressee's Address	
TOTAL Postage & Fees	\$ 2.52
Postmark or Date	NOV 9 1995 USPS

Z 207 035 772



Receipt for Certified Mail

No Insurance Coverage Provided Do not use for International Mail (See Reverse)

Sent to Meridian Oil, Inc.	
Street and No. P.O. Box 837	
P.O. State and ZIP Code Hobbs, NM 88240	
Postage	\$ L
Certified Fee	L
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	L
Return Receipt Showing to Whom, Date, and Addressee's Address	
TOTAL Postage & Fees	\$ 2.52
Postmark or Date	NOV 9 1995 USPS

Z 207 035 777



Receipt for Certified Mail

No Insurance Coverage Provided Do not use for International Mail (See Reverse)

Sent to Oryx Energy Company	
Street and No. P. O. Box 2880	
P.O. State and ZIP Code Dallas TX 75221-2880	
Postage	\$ L
Certified Fee	L
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	L
Return Receipt Showing to Whom, Date, and Addressee's Address	
TOTAL Postage & Fees	\$ 2.52
Postmark or Date	NOV 9 1995 USPS

Z 207 035 776



Receipt for Certified Mail

No Insurance Coverage Provided Do not use for International Mail (See Reverse)

Sent to Convest Energy Corporation	
Street and No. 2401 Fountain View Dr Sui/700	
P.O. State and ZIP Code Houston, TX 77057	
Postage	\$ L
Certified Fee	L
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	L
Return Receipt Showing to Whom, Date, and Addressee's Address	
TOTAL Postage & Fees	\$ 2.52
Postmark or Date	NOV 9 1995 USPS

Z 207 035 775



Receipt for Certified Mail

No Insurance Coverage Provided Do not use for International Mail (See Reverse)

Sent to Conoco, Inc.	
Street and No. 10 Desta Dr., Ste. 100 West	
P.O. State and ZIP Code Midland, TX 79705-4500	
Postage	\$ L
Certified Fee	L
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	L
Return Receipt Showing to Whom, Date, and Addressee's Address	
TOTAL Postage & Fees	\$ 2.52
Postmark or Date	NOV 9 1995 USPS

Z 207 035 775



Receipt for Certified Mail

No Insurance Coverage Provided Do not use for International Mail (See Reverse)

Sent to Trustees of Woolworth Comm	
Street and No. Savings Fund	
P.O. State and ZIP Code PO Box 178 Jal, NM 88252	
Postage	\$ L
Certified Fee	L
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	L
Return Receipt Showing to Whom, Date, and Addressee's Address	
TOTAL Postage & Fees	\$ 2.52
Postmark or Date	NOV 9 1995 USPS

AFFIDAVIT OF PUBLICATION

State of New Mexico,
County of Lea.

I, Kathi Bearden

General Manager

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 _____

1 weeks.

Beginning with the issue dated

November 13, 1995

and ending with the issue dated

November 13, 1995

Kathi Bearden

General Manager

Sworn and subscribed to before

me this 13th day of

December, 1995

Marilyn S. Ruggino
Notary Public.

My Commission expires
March 24, 1998

(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

November 13, 1995

Westbrook Oil Corporation hereby gives public notice that it is applying to the Oil Conservation Division of New Mexico, Santa Fe, for a permit to dispose of produced saltwater by injection into a formation which is not productive of oil and/or gas.

The applicant proposes to inject fluid into Double "SS" well No. 1, located 2310' FWL and 990' FSL, Section 26, T-24-S, R-36-E, Lea County, New Mexico. Fluid will be injected into strata in the subsurface depth interval from 3207' to 3232' in the Seven Rivers formation at a maximum rate of 3000 barrels of water per day and/or a maximum pressure of 600 psi.

Any objections or requests for hearing by interested parties, who can show they are adversely affected, should be submitted in writing, fifteen days of publication, to Oil Conservation Division of New Mexico, Energy and Minerals Department, P. O. Drawer 2088, Santa Fe, New Mexico 87501. For further information, contact V. H. Westbrook, Westbrook Oil Corporation, P.O. Box 2264, Hobbs, New Mexico 88241. Telephone (505) 393-9714.

SWD-615



STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION
HOBBS DISTRICT OFFICE

11/28/95

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

GOVERNOR

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

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

Gentlemen:

I have examined the application for the:

Westbrook Oil Corp Double SS # 1-N-26-245-36e
Operator Lease & Well No. Unit S-T-R

and my recommendations are as follows:

OK

Yours very truly,
Jerry Sexton
Jerry Sexton
Supervisor, District 1

/ed