

APPLICATION FOR AUTHORIZATION TO INJECT

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

II. Operator: George D. Riggs

Address: P. O. Box 116 Carlsbad, N.M. 88220

Contact party: Bill Taylor, 1106 N. Country Club, Carlsbad, NM 88220 Phone: 505-887-2570

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.

SEE EXHIBIT A, INJECTION WELL DATA SHEET.

IV. Is this an expansion of an existing project? yes no
If yes, give the Division order number authorizing the project SWD-95

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. EXHIBITS B-1 & B-2

* 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. EXHIBITS C-1 to C-10.

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: Bill Taylor Title Lease Agent

Signature: Bill Taylor Date: 4/11/91

* 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.

SUPPLEMENT TO APPLICATION FOR AUTHORIZATION TO INJECT
(George D.) Riggs #7

V. Two-mile and One-half mile Maps are attached as Exhibits B-1 & B-2.

VI. Offset Well Data is supplied on attached schematics as Exhibits C-1 through C-10.

C-1:	Exxon 19C;	Gas Producer,	NW Sec. 4
C-2:	Exxon 31C;	Gas Producer, S.I.,	SE Sec. 5
C-3:	Humble N;	Water Observation,	NE Sec. 5
C-4:	Riggs #3	Oil Producer, S.I.,	NE Sec. 5
C-5:	Riggs #4	Dry Hole, Plugged,	NW Sec. 4
C-6:	Riggs #5;	Plugged Oil/Water Disposal,	SE Sec. 5
C-7:	Welch #3;	Plugged Oil,	SE Sec. 5
C-8:	Welch #4;	Plugged Oil,	SE Sec. 5
C-9:	Welch #5;	Dry Hole, Plugged,	SE Sec. 5
C-10:	Welch-Stephens #6;	Dry Hole, Plugged,	SE Sec. 5

VII. Proposed Operation Data:

1. Average daily rate - 750 BPD,
Maximum daily rate - 1250 BPD,
Volume of fluid to be injected - 3,000,000 Bbls.
2. The system is open.
3. Average injection pressure - 0 to 125 psig.
Maximum injection pressure - 125 psig.

It is hoped the injection will be on vacuum as the Riggs #5 was, however application is made to permit 125 psig injection pressure.

4. Yates Formation produced water from the NM 01119 (Welch-Yates & C Federal) lease is the source , and will be returned to
5. the Yates Formation, same lease.

An OLD produced water analysis, made when production (oil and water) was consistant, is attached as Exhibit D.

- VIII.
1. The Yates formation consists of interbedded carbonates, siliciclastics (siltstones/sandstone), and evaporites.
 2. The Commonly accepted top of the Yates is expected at 401'; the Capitan Reef is below 738';
 3. The proposed injection zone is Yate's sand intervals bedded between 515' and 675'; a lower five foot siliciclastic (sandstone) strata is anticipated at approximately 625'.

4. a. Two possible water stratas are shown on Exhibit A at 268' & 334'; total dissolved solids of these is unknown; however:
- b. Shallow (less than 100' deep) wells outside the one-mile radius provide water for stock and human utilities, but drinking water is hauled (analysis of these are filed with Exxon's C-22, R-8050).

IX. No stimulation is anticipated if the disposal zones of the now plugged Riggs #5 are encountered;
If adequate porosity is not available naturally, approval of and method to stimulate will be sought based upon learned data.

X. The well will be completed/sampled by Cable Tool, therefore electric logs are not planned; however the location is midway between Exxon's C-31, 1830' FSL & 1980 FEL, Sec. 5, T21S, R27E, and Exxon's C-22, 5940' FSL & 660' FWL, Sec. 4, T21S, R27E, NMPM, whose electric logs provide anticipated formation data.

If electric logs are made, they will be appropriately filed.

XI. There are no fresh water wells within one mile of the proposed location; see VIII. 4b. hereof.

XII. There are no indications of open faults or other hydrological connections between the proposed disposal interval and fresh water zones, above nor below;
Supportive prior findings of this by the NMOCD are Exxon's C-22 Disposal Well (R-8050), .5+ miles to the North-Northeast; and the Riggs #5 (SWD-95), .4 miles to the Southwest.

XIII. A signed statement of mailing of notice is attached, along with proof of publication.

XIV. I hereby certify that the information submitted with this application is true and correct to the best of my knowledge and belief.

For George D. Riggs,

Bill Taylor

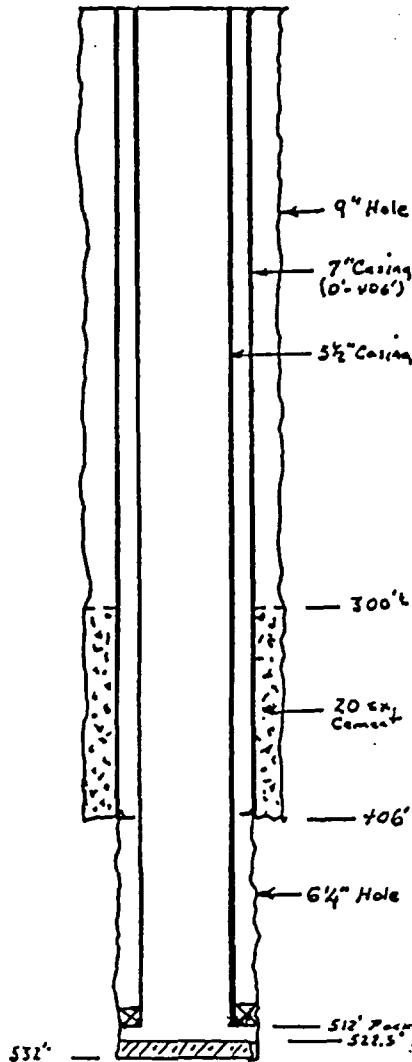
Bill Taylor,
Lease Agent

Date: 4/11/91

EXHIBIT C-4

PRODUCING OIL WELLS: 1/2 MILE RADIUS

WELL: Riggs (Welch Fed.) Well #3



LEGAL: 2970' FSL; 990' FEL,
Sec. 5, T-21S, R-27E, NMPM

FIELD: Cedar Hills

OPERATOR: George D. Riggs

ELEV.: 3250'

DATES: 1/31/1952
Spudded:

T.D. 5/8/1952

Plugged:

CASING	SIZE	AMOUNT	CEMENT	LEFT?
7"	406'	20 sx	406'	
5 1/2"	512'	Packer	512'	

WATER ZONES: 256-270'; 320-370' Fresh

532' Sulphur Water

TOP OF YATES: 381'

OIL/GAS ZONES: S/G 435'; Oil 482-484'

Production: 20240 Accumulated Oil
83913+ " Vtr.

REMARKS: Well shut-in, temporarily abandoned, waiting disposal well;
Casing pressure tested and approved for one-year to 3/1/92.

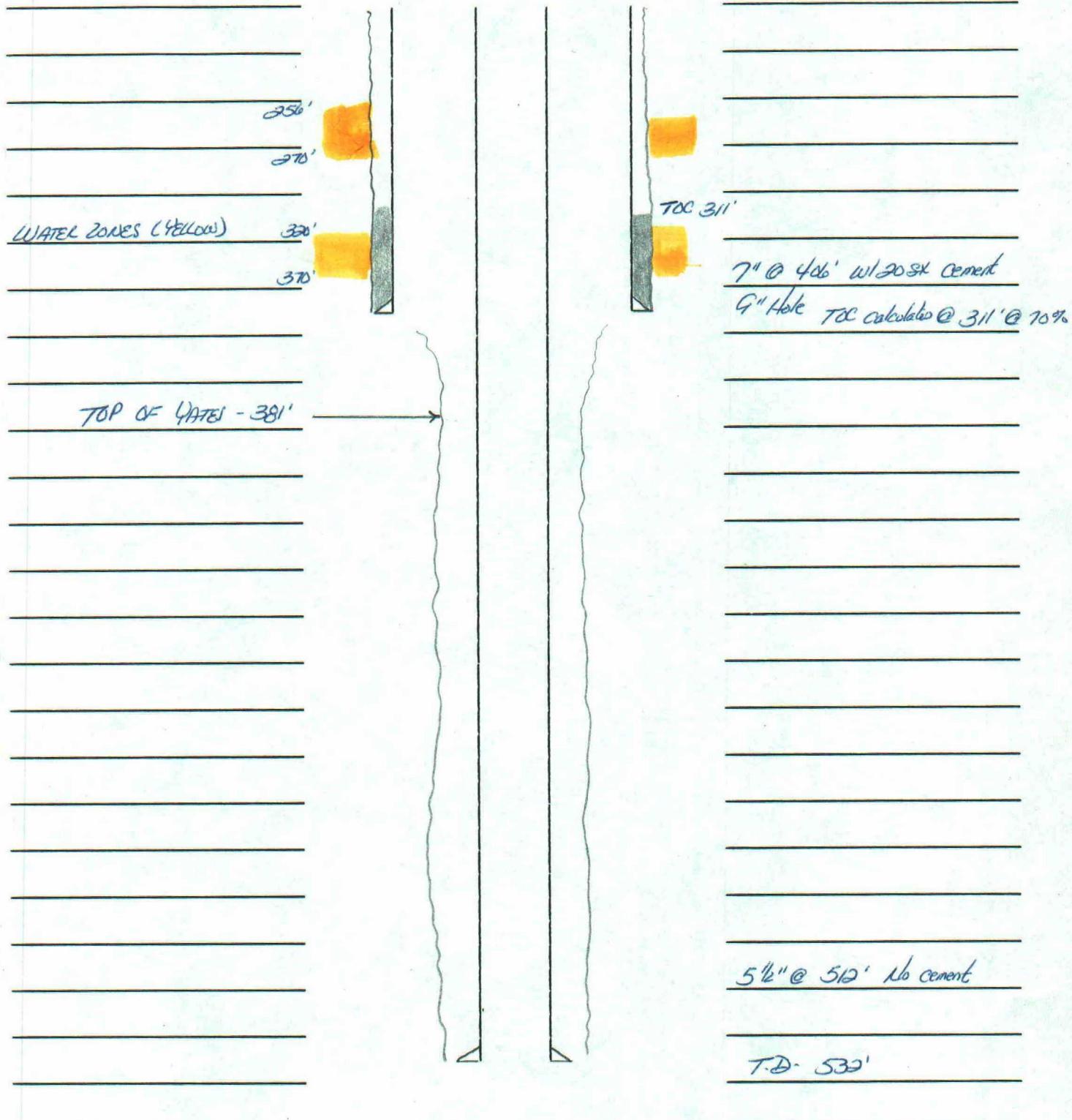
WELL DATA SHEET

OPERATOR:

WELL NAME & NO: Riggs Welch Federal No. 3

LOCATION: 2770 FEET FROM THE South LINE AND 990 FEET FROM THE East LINE
of SECTION 5, TOWNSHIP 21 South, RANGE 21 East, NMPM, Eddy COUNTY, N.M.

SCHEMATIC



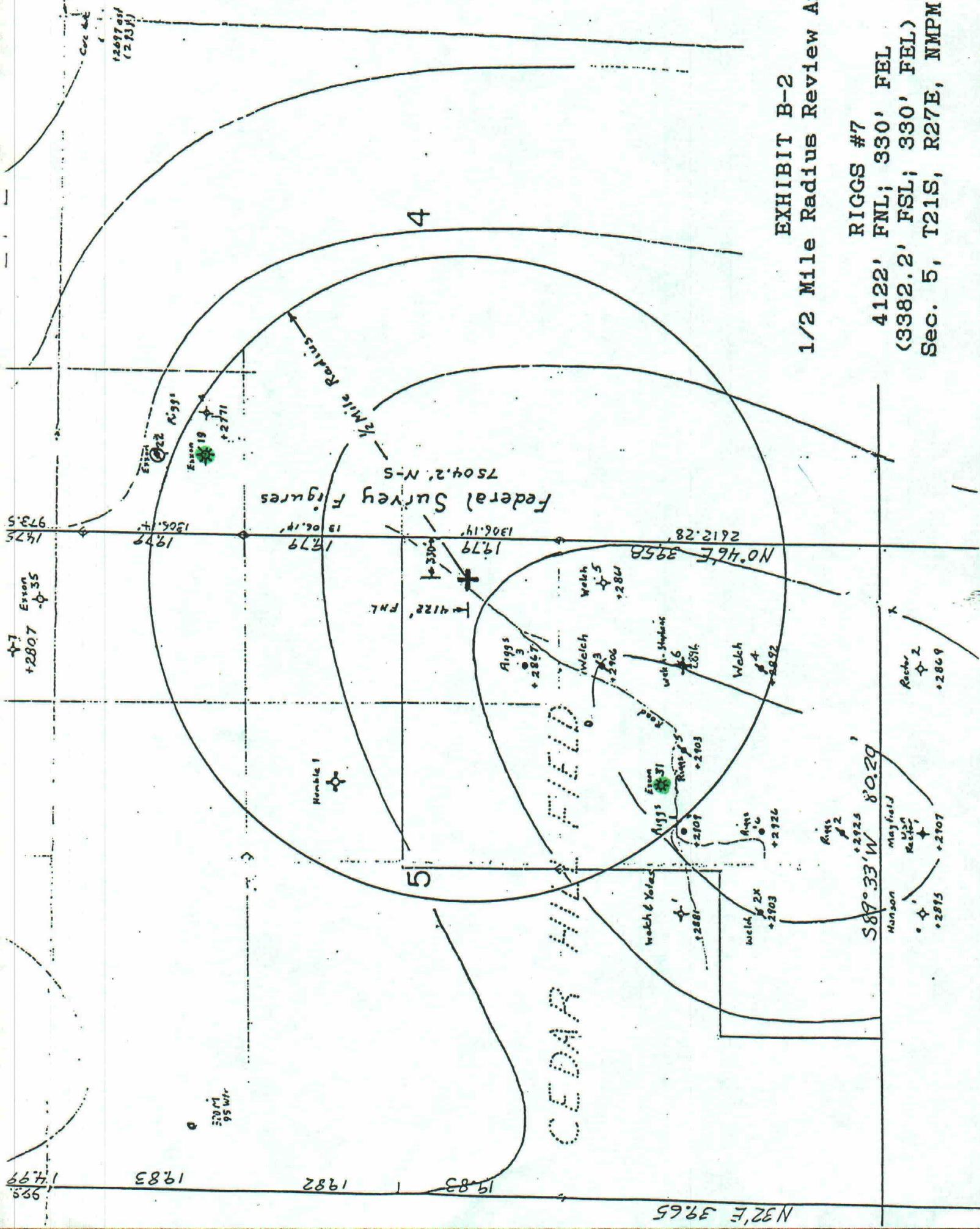


EXHIBIT B-2
1/2 Mile Radius Review Area

RIGGS #7
4122' FNL; 330' FEL
(3382.2' FSL; 330' FEJ)
Sec. 5, T21S, R27E, NMPM

68° 33' W 8° 0.29 N
 +2923
 Major J.
 Hanson
 Reids
 River
 Sector 2
 +2869
 +2893
 +2107

EXHIBIT A

10 POINT EXHIBIT 10-A DRILLING & COMPLETION PROGNOSIS

George D. Riggs
Welch-Yates C Federal Lee.

Riggs #7 Well; 4122' FNL & 330' FEL
Sec. 5, T21S, R27E, NMPM

Surface Casing:
8 5/8" in 12 1/4" hole to 407'
Cement to be circulated
to surface

5 1/2" in 7 7/8" hole to 515'
Cement to be circulated
to surface

510' of 2 7/8" Tubing,
cement or plastic lined

Baker lokset Packer at 510'

Injection Interval:
515' to 675' +/-, Open Hole

Targeted: Porous Sand layers in
Dolomite as the plugged Riggs #5

Formation Stimulation: None expected

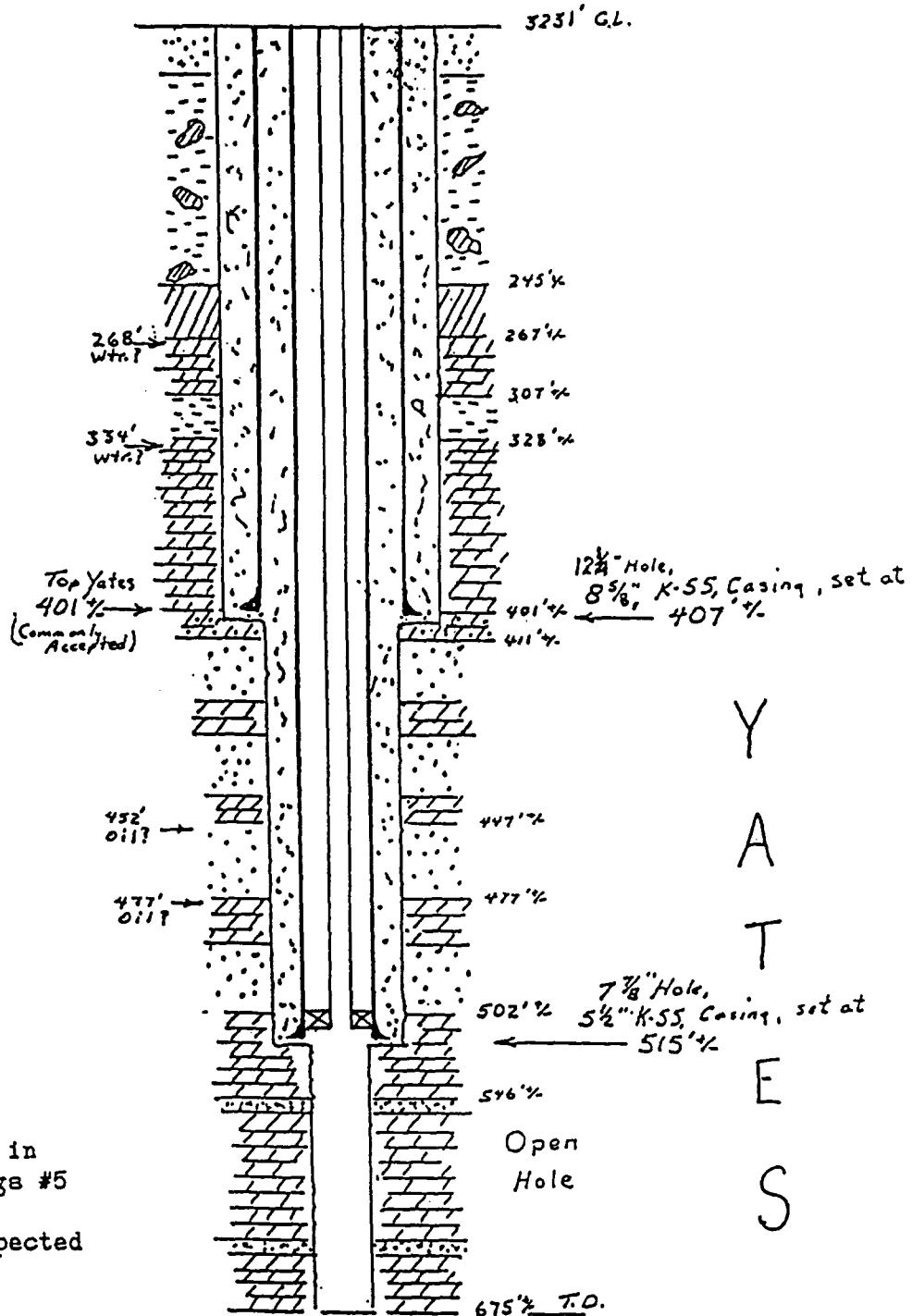
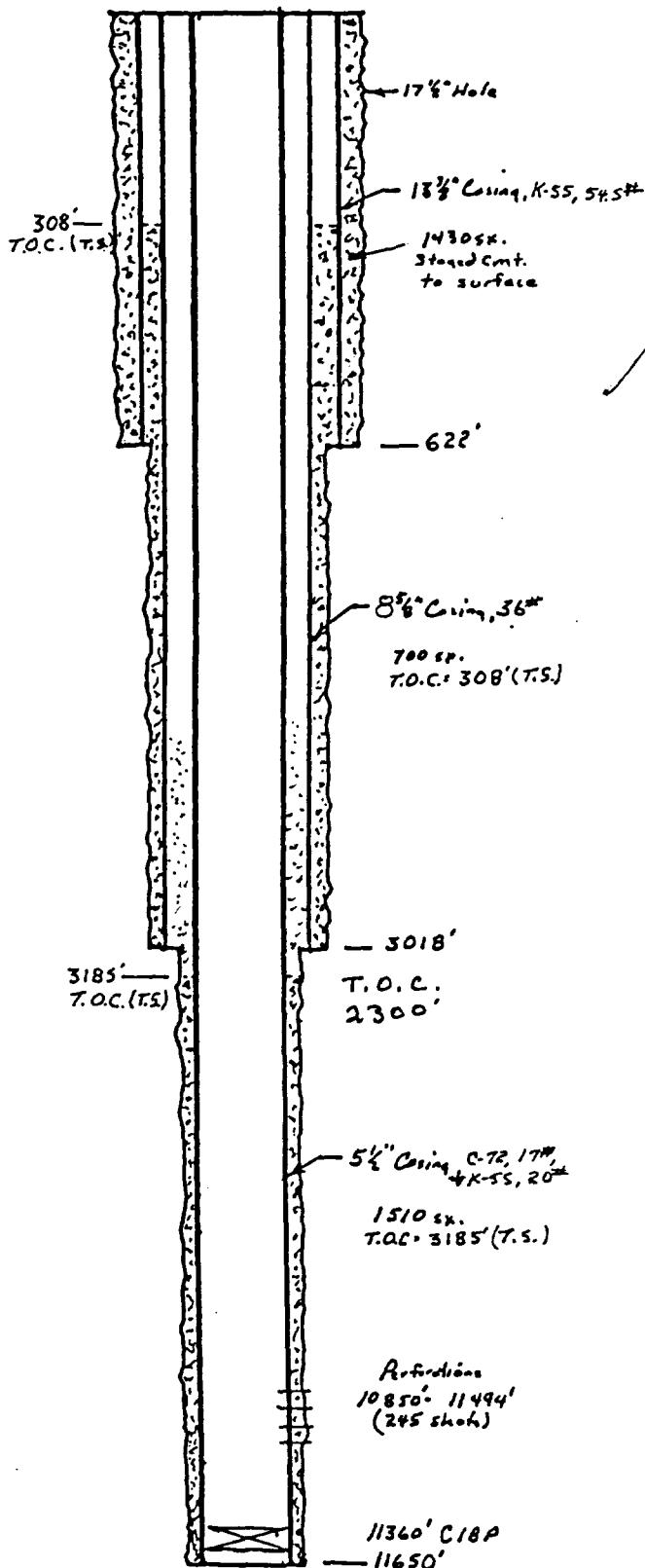


EXHIBIT C-1

PRODUCING WELLS: 1/2 MILE RADIUS

WELL: Exxon Yates C Fed. #19



LEGAL: 1949' FNL; 660' FWL,
Sec. 4, T-21S, R-27E, NMPM

FIELD: Burton Flats, Morrow

OPERATOR: Exxon Corporation

ELEV.: 3198'

DATES:
Spudded: 11/22/1982

T.D. 1/16/1983

Plugged: _____

CASING:	Size	Amount	Cement	Left?
13 3/8	622'	1430 sx	622'	
9 5/8	3018'	700 sx	3018'	
5 1/2	11650'	1510 sx	11650'	

WATER Zones: None Reported

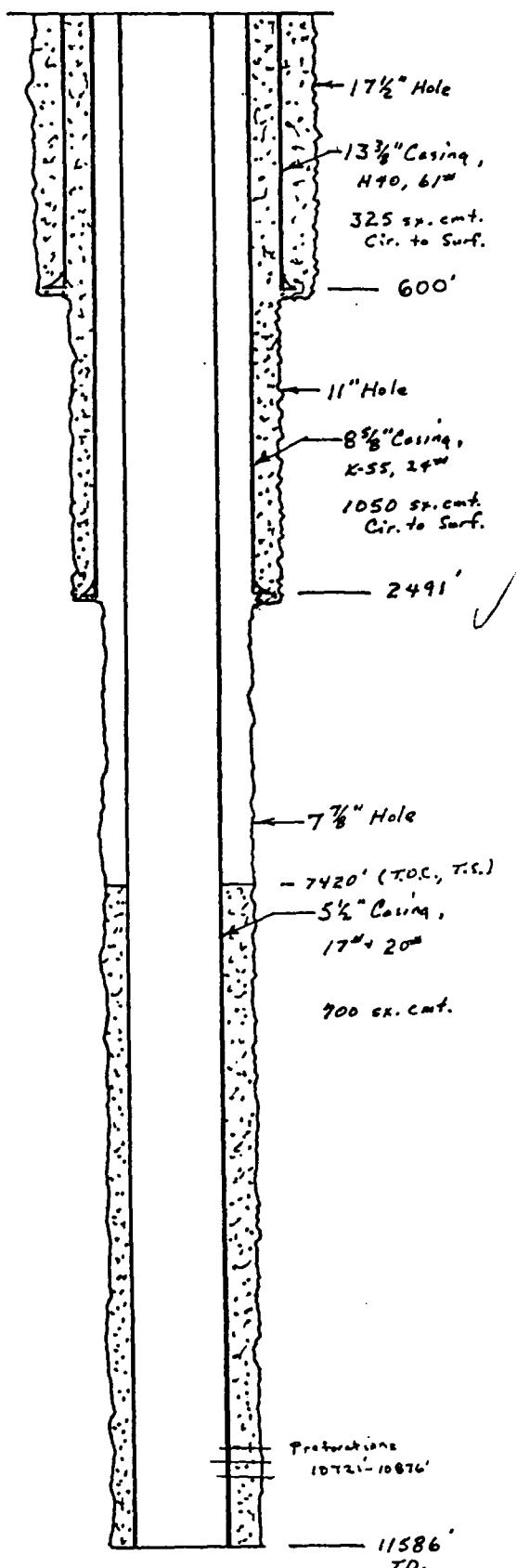
OIL/GAS Zones: Gas: 10850'-11494'

Production: Gas: 28800 MCFD

REMARKS: _____

EXHIBIT C-2

PRODUCING WELLS: 1/2 MILE RADIUS



WELL: Exxon Yates C Fed. #31

LEGAL: 1830 FSL; 1980 FEL,
Sec. 5-T21S-R27E, NMPM

FIELD: Alacran Hills Atoka

OPERATOR: Exxon Corporation

ELEV.: 3258'

DATES:

Spudded: 9/16/83

T. D. 12/25/84

Plugged: _____

CASING:	Size	Amount	Cement
	13 3/8	600'	325 sq
	8 5/8	2491'	1050 sq
	5 1/2	11586'	700 sq

WATER Zones: None Reported

TOP OF YATES: _____

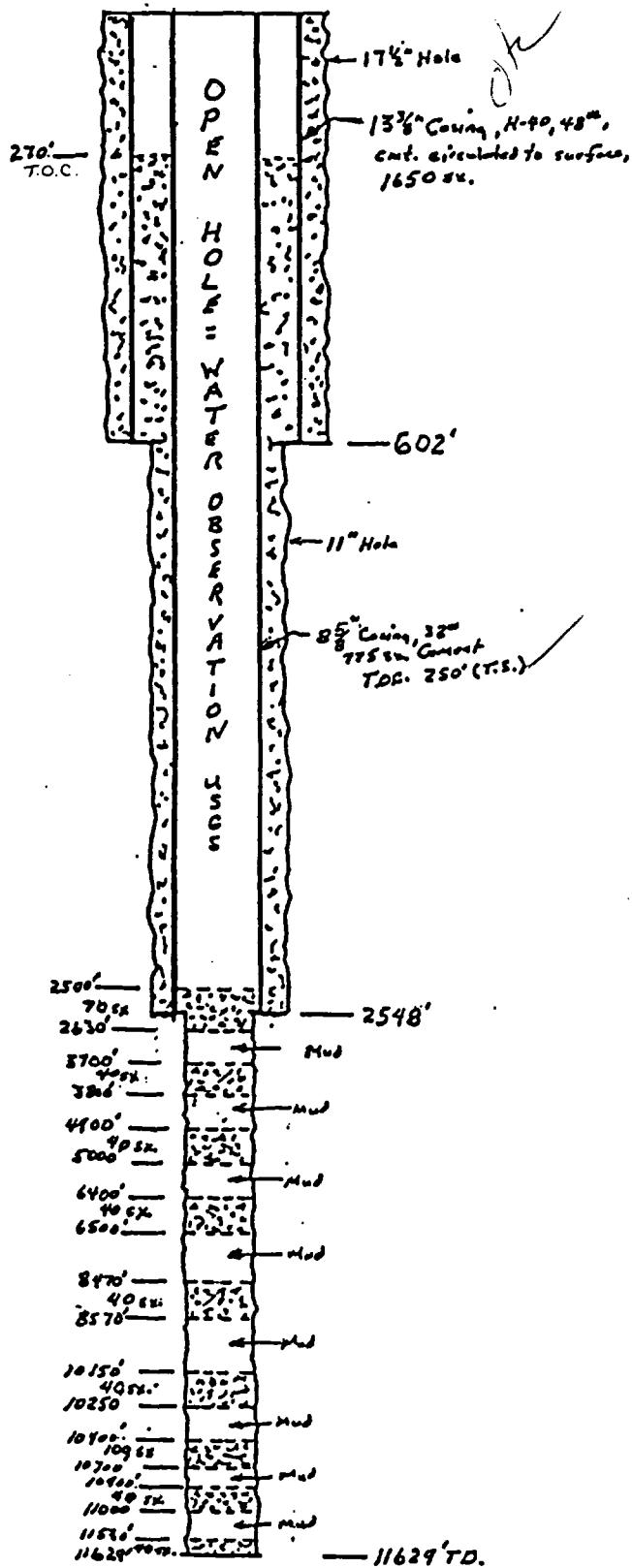
OIL/GAS Zones: Gas: 10721'-10876'

Production: _____

REMARKS: _____

EXHIBIT C-3

WATER OBSERVATION WELL
PLUGGED & ABANDONED WELLS: 1/2 MILE RADIUS



WELL: Humble N. Cedar Hills Unit

LEGAL: 3060' FNL; 1993' FEL,
Sec. 5, T-21S, R-27E, NMPM

FIELD: North Cedar Hills Unit

OPERATOR: Humble Oil & Refining Co.

ELEV.: 3296' DF

DATES: Spudded: 5/20/1966

T.D. 7/29/1966

Plugged: 8/4/1966 See Remarks

CASING:	Size	Amount	Cement	Left
13 3/8	602'	1650	sx	602'
8 5/8	2548'	775	sx	2548'

WATER Zones: None Reported

OIL/GAS Zones: None Reported

Production: DRY HOLE: no production

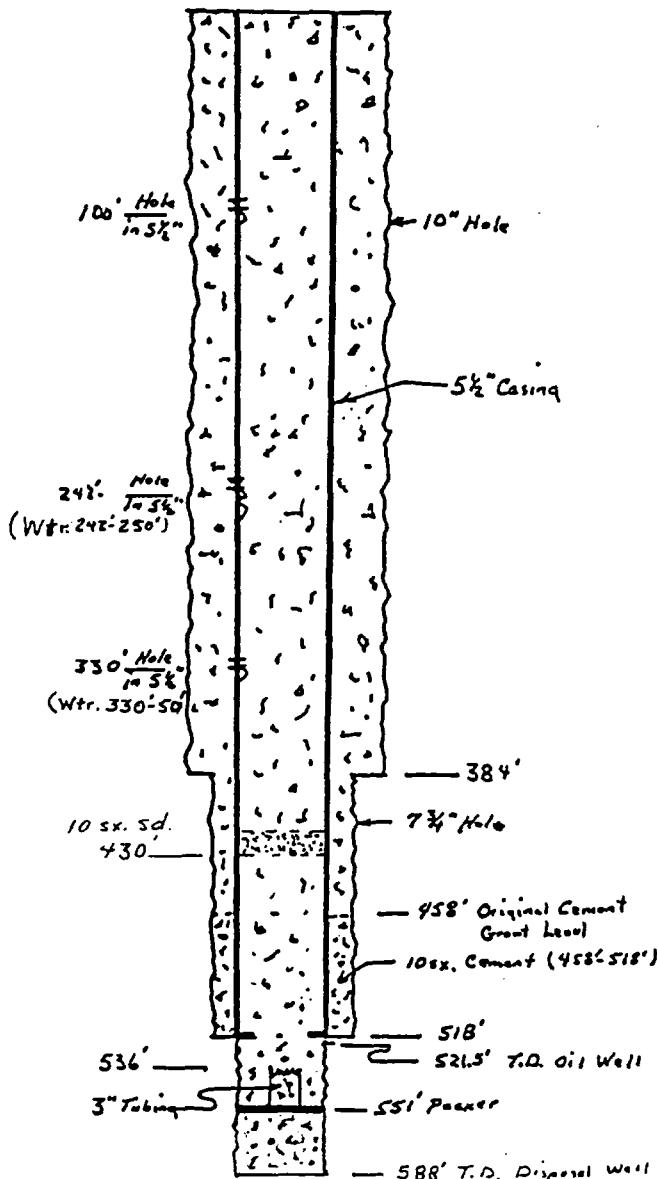
REMARKS: USGS took well over to make

Capitan Reef water observation well.

EXHIBIT C-6

PLUGGED & ABANDONED WELLS: 1/2 MILE RADIUS

Riggs (Welch Fed.) Well #5
OIL TO WATER DISPOSAL CONVERSION
WELL: _____



LEGAL: 1650' FSL; 1650' FEL,
Sec. 5, T-21S, R-27E, NMPM

FIELD: Cedar Hills

OPERATOR: George D. Riggs

ELEV.: 3270'

DATES: 3/4/1953

Spudded: _____

3/15/1953

T.D. _____

1/9/1990

Plugged: _____

CASING: Size Amount Cement Left?

7" 384' 0 0

5 1/2" 518' 10 sx. 518'

Disposal: 3" 551' Packer 536-51'

242-50'; 330-50' Fresh Vtr.

WATER Zones: _____

Sulp. Wtr: 562'; 583-588'

TOP OF YATES: 360'

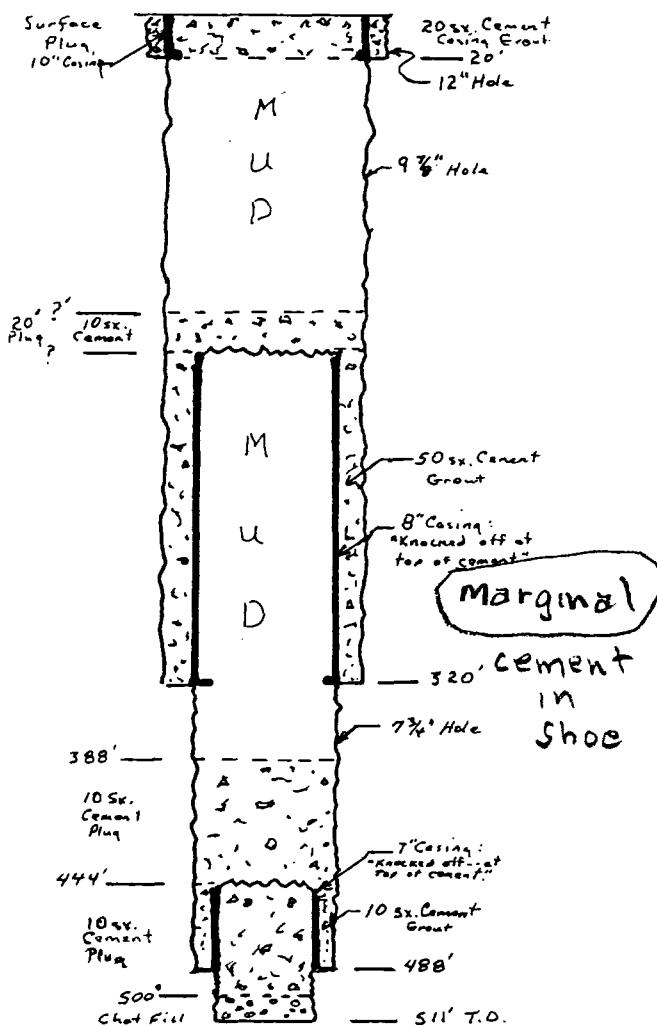
OIL/GAS Zones: 520-521'

Production: 2774 Accum. B. O.
5630 Accum. B. Wtr.

REMARKS: Halliburton cemented back to
surface in 4 stages, tagging
cement at 430' & 150' in
process.

EXHIBIT C-7

PLUGGED & ABANDONED WELLS: 1/2 MILE RADIUS



WELL: Welch (Federal) #3

LEGAL: 2310' FSL; 990' FEL,
Sec. 5, T-21S, R-27E, NMPM

FIELD: Cedar Hills

OPERATOR: Welch & Yates

ELEV.: 3257'

DATES: 12/13/1951

Spudded: 1/24/1952

T.D. 9/30/1958 Report

Plugged: None Reported on 9-330

CASING:	Size	Amount	Cement	Left?
10"	20'	20 sx.	20'	
8"	320	50 sx.	Part	
7"	488'	Packer-10sx	Part	
None Reported on 9-330				

WATER Zones:

TOP OF YATES: _____

OIL/GAS Zones: SG/ 408-410'

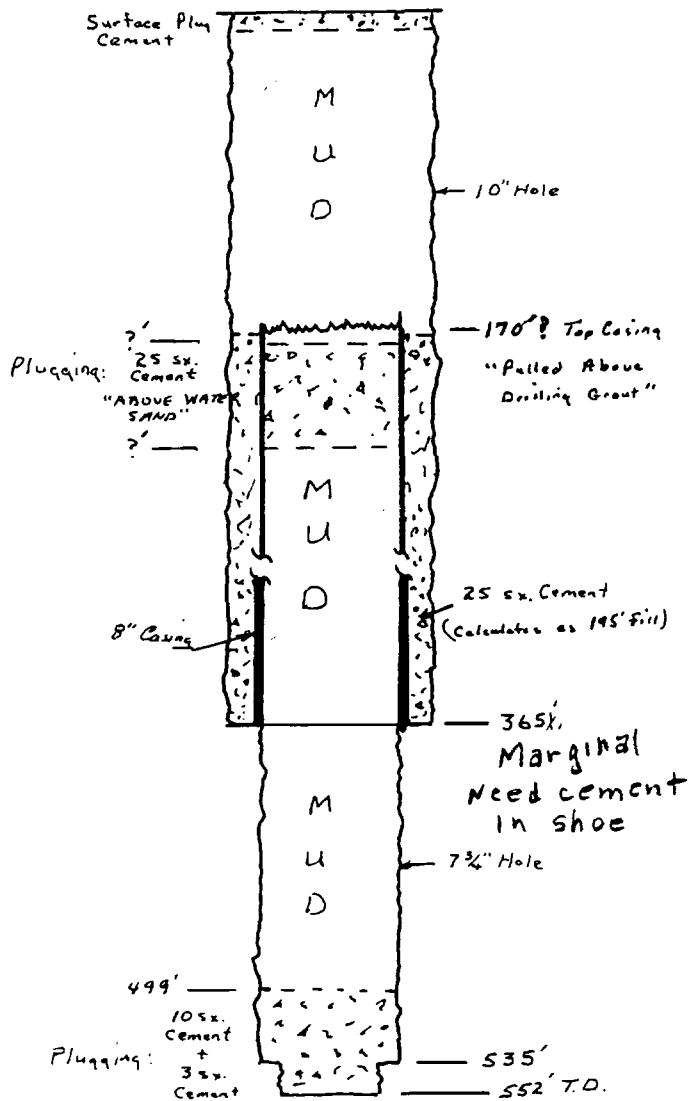
SG/ 426'
Oil/ 510-511'

Production: 14041 Accumulated BO.
? " BWtr.

REMARKS: _____

EXHIBIT C-8

PLUGGED & ABANDONED WELLS: 1/2 MILE RADIUS



WELL: Welch (Federal) #4

LEGAL: 990' FSL; 990' FEL,
Sec. 5, T-21S, R-27E, NMPM

FIELD: Cedar Hills

OPERATOR: V. S. Welch

ELEV.: 3289'

DATES: 1/25/1952

Spudded:

6/16/1952

T.D.

9/1/1958 Report

Plugged:

CASING:	SIZE	AMOUNT	CEMENT	LEFT?
	8"	365'	25 sx.	Part
	7"	535'	Packer	0

WATER Zones: None Reported on 9-330

TOP OF YATES: _____

OIL/GAS Zones: 551-552'

10295 Accumulated BO.
? " BWtr.

Production: _____

REMARKS: _____

(SUBMIT IN TRIPPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office: Santa Fe

Lease No. 24-2229

Unit

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL
NOTICE OF INTENTION TO CHANGE PLANS
NOTICE OF INTENTION TO TEST WATER SHUT-OFF
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL
NOTICE OF INTENTION TO SHOT OR ACIDIZE
NOTICE OF INTENTION TO PULL OR ALTER CASING
NOTICE OF INTENTION TO ABANDON WELL

SUBSEQUENT REPORT OF WATER SHUT OFF
SUBSEQUENT REPORT OF SHOTTING OR ACIDIZING
SUBSEQUENT REPORT OF ALTERING CASING
SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR
SUBSEQUENT REPORT OF ABANDONMENT
SUPPLEMENTARY WELL HISTORY

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

APRIL 17, 1953

Well No. 4 is located 5610 ft. from ~~SW~~ line and 990 ft. from ~~SE~~ line of sec. 4

Lot 5, Sec. 4 21 S 21 E 847' (Mer. min)
(1/4 Sec. and Sec. No.) (Topo) (Range) (County or Subdivision)
Wildcat (Cedar Hills Est) Eddy Co., New Mexico
(Field)

The elevation of the derrick floor above sea level is ft.

DETAILS OF WORK

(State names of and expected depths to objective zones; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Hole was filled with heavy mud to 430', where 5 neck cement plug was set. Hole was then filled to 435' with mud. 6-5/8" pipe was pulled in two at 130'. Cement plug then set from 435' to 410' through bottom of pipe. Hole was filled with mud to 110' and cement plug set to 110'. The hole was then filled to the surface with mud. A marker was cemented at surface, and location cleared.

MAY 8, 1953

D E G

APRIL 10, 1953

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

ANNE A. KEE, MGR.

Company George D. Keggs

Address Box 3

Marfa, N. M.

By George D. Keggs

Title

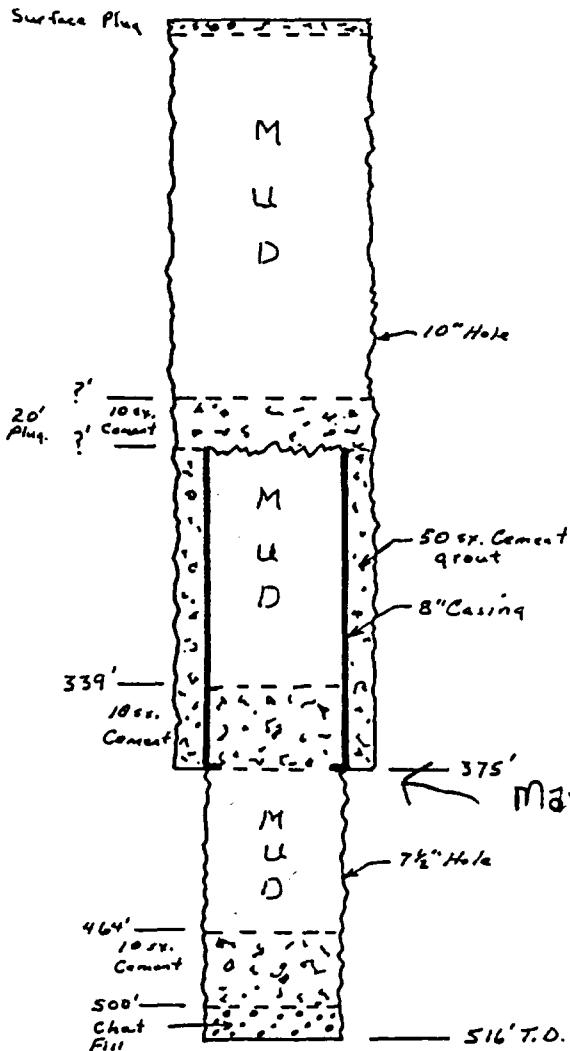
ILLEGIBLE

EXHIBIT C-10

DRY HOLE: NO OIL/GAS PRODUCTION

PLUGGED & ABANDONED WELLS: 1/2 MILE RADIUS

WELL: Welch (Federal)-Stephens #6



LEGAL: 1650' FSL; 990' FWL,
Sec. 5, T-21S, R-27E, NMPN

FIELD: Cedar Hills

OPERATOR: V. S. Welch

ELEV.: 3259' (Scout Report)

DATES:
Spudded: 4/9/1955

T.D. 4/20/1955

Plugged: 9/30/1958 Report

CASING:	Size	Amount	Cement	Left?
	8"	375'	50 sq.	Part

WATER Zones: None Reported on 9-330

TOP OF YATES: _____

OIL/GAS Zones: 515-516'

Production: NO PRODUCTION

REMARKS: DRY HOLE; P & A

OPERATOR'S COPY
UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

CONTACT RECEIVING
OFFICE FOR NUMBER
OF COPIES REQUIRED
(Other instructions on
reverse side)

BLM Roswell District
Modified Form No.
NM060-3160-2

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1. TYPE OF WORK

DRILL

DEEPEN
Lease Water

PLUG BACK

D. TYPE OF WELL

OIL WELL

GAS WELL

OTHER

Disposal

SINGLE ZONE

MULTIPLE ZONE

2. NAME OF OPERATOR

George D. Riggs

3a. Area Code & Phone No.

3. ADDRESS OF OPERATOR

P.O. Box 116 Carlsbad, NM 88221

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
At surface

4122' FNL & 330' FEL

At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE
7 Miles

15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drilg. unit line, if any)	3386'. (North Line)	16. NO. OF ACRES IN LEASE 2261.75 NM01119	17. NO. OF ACRES ASSIGNED TO THIS WELL 640+/-, Riggs	Yates Water, 640 +/-
18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.	780'	19. PROPOSED DEPTH 675'	20. ROTARY OR CABLE TOOLS Rotary &/or Cable Tool	
21. ELEVATIONS (Show whether DF, RT, GR, etc.)	GR. 3231'		22. APPROX. DATE WORK WILL START Upon BLM/NMOCD approval	

23. PROPOSED CASING AND CEMENTING PROGRAM

HOLE SIZE	CASING SIZE	WEIGHT/FOOT	GRADE	THREAD TYPE	SETTING DEPTH	QUANTITY OF CEMENT
5 1/2"	8 5/8"	24#	K-55 CIRCULATE	STC/Welded	407' +/-	See Below
7 7/8"	5 1/2"	14#	K-55 CIRCULATE	STC/Welded	515' +/-	" "

CASING: Set 8 5/8" six foot, +/-, into the Yates formation at 407', +/-;
circulate cement using 110 sacks (circulate 26 sx); initial cementing stage will use pump-plug through 8 5/8" casing, thereafter the cement will be tagged outside the 8 5/8" with tubing and any void filled to the surface in multiple stages, using 25 sacks per stage.

CASING: Set casing in Yates Dolomite at 515' +/-;
circulate cement using 105 sacks Cl "C" (circulate 21 sx); initial cementing stage will use pump-plug through 5 1/2" casing, thereafter the cement will be tagged outside the 5 1/2" with tubing and any void filled to the surface in multiple stages, using 25 sacks per stage.

Flocele &/or CaCl may be added to aid cementing if drilling reveals the need.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

RIGGED Bill Taylor

Lease Agent

DATE 2/11/91

(This space for Federal or State office use)

PERMIT NO. 4-5-91

APPROVED BY Tom Hale

APPROVAL DATE

CONDITIONS OF APPROVAL, IF ANY:

TITLE Acting

DATE 4-5-91

APPROVAL SUBJECT TO

GENERAL REQUIREMENTS AND

SPECIAL STIPULATIONS

N32° E 39.65

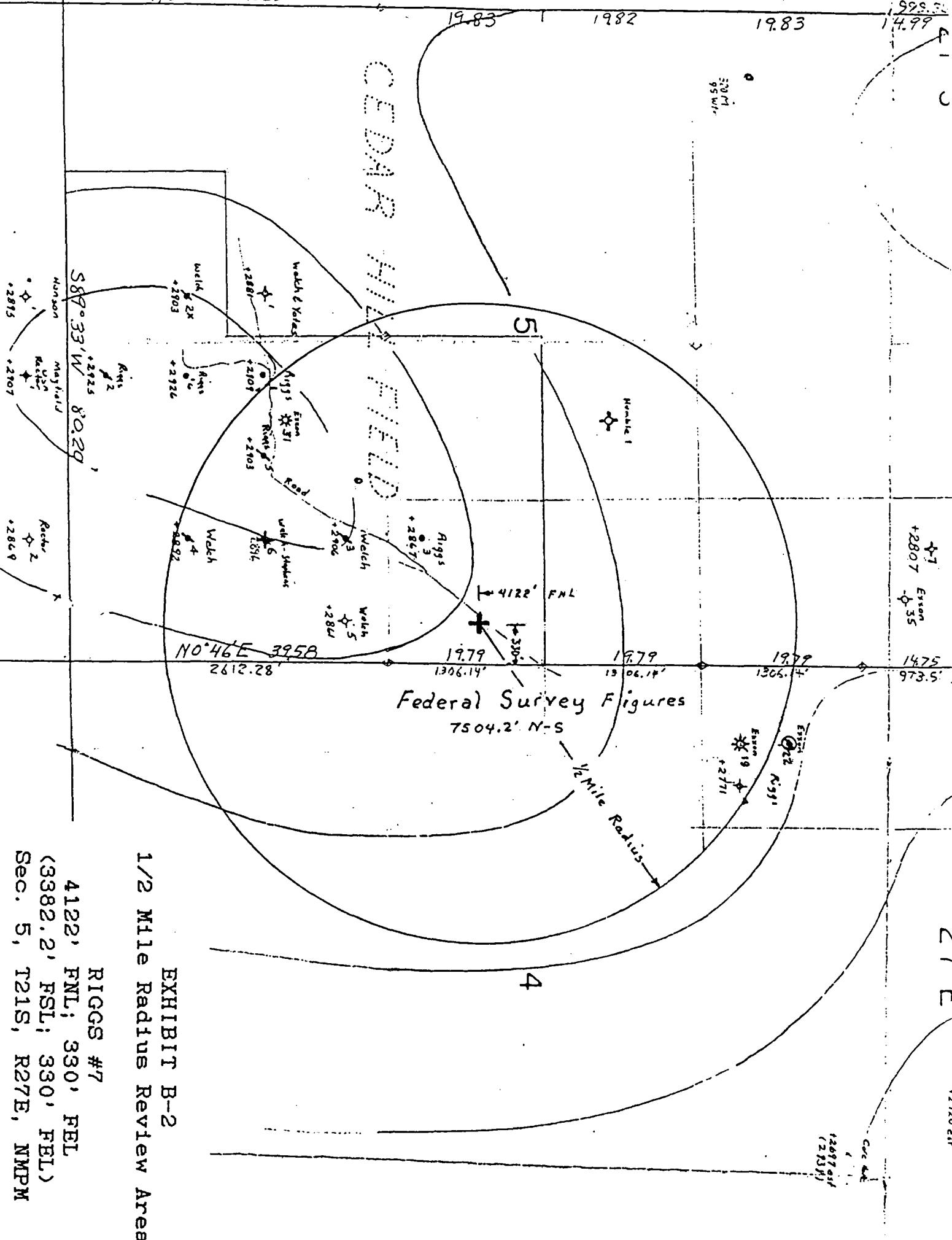
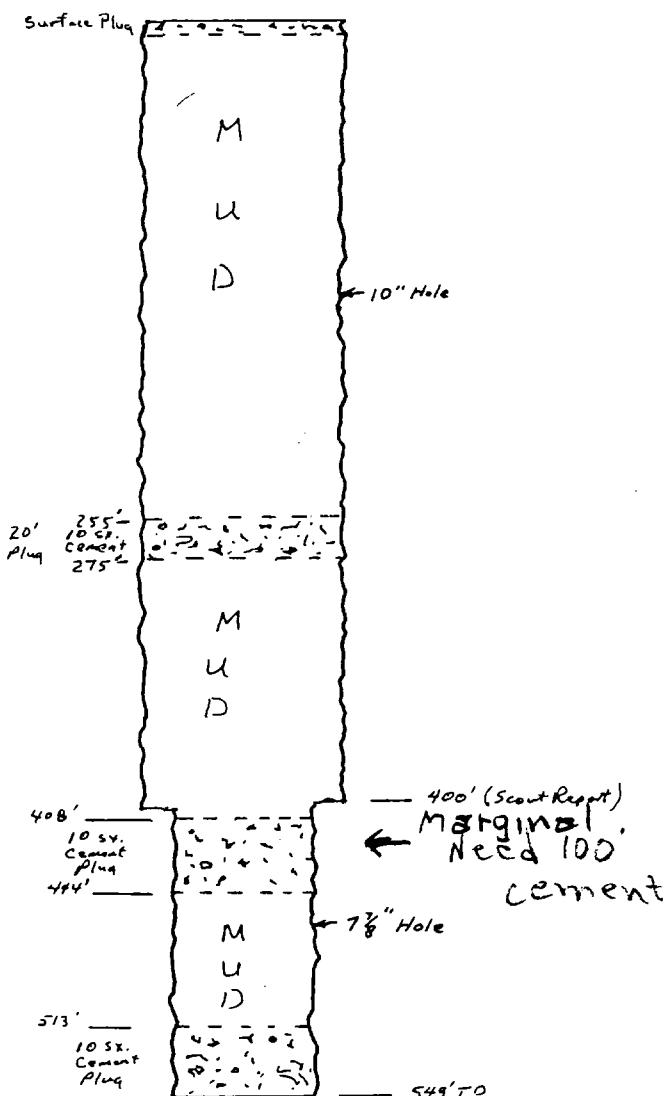


EXHIBIT B-2

EXHIBIT C-9

DRY HOLE: NO OIL/GAS PRODUCTION

PLUGGED & ABANDONED WELLS: 1/2 MILE RADIUS



WELL: Welch (Federal) #5

LEGAL: 2310' FSL; 330' FEL,
Sec. 5, T-21S, R-27E, NMPM

FIELD: Cedar Hills

OPERATOR: V. S. Welch

ELEV.: 3254' (Topog Map)

DATES:

Spudded: 3/4/1953

T.D. 3/15/1953

Plugged: 3/17/1953 Report

CASING: Size Amount Cement Left?

8"	400'	0	0
7"	525'	0	0

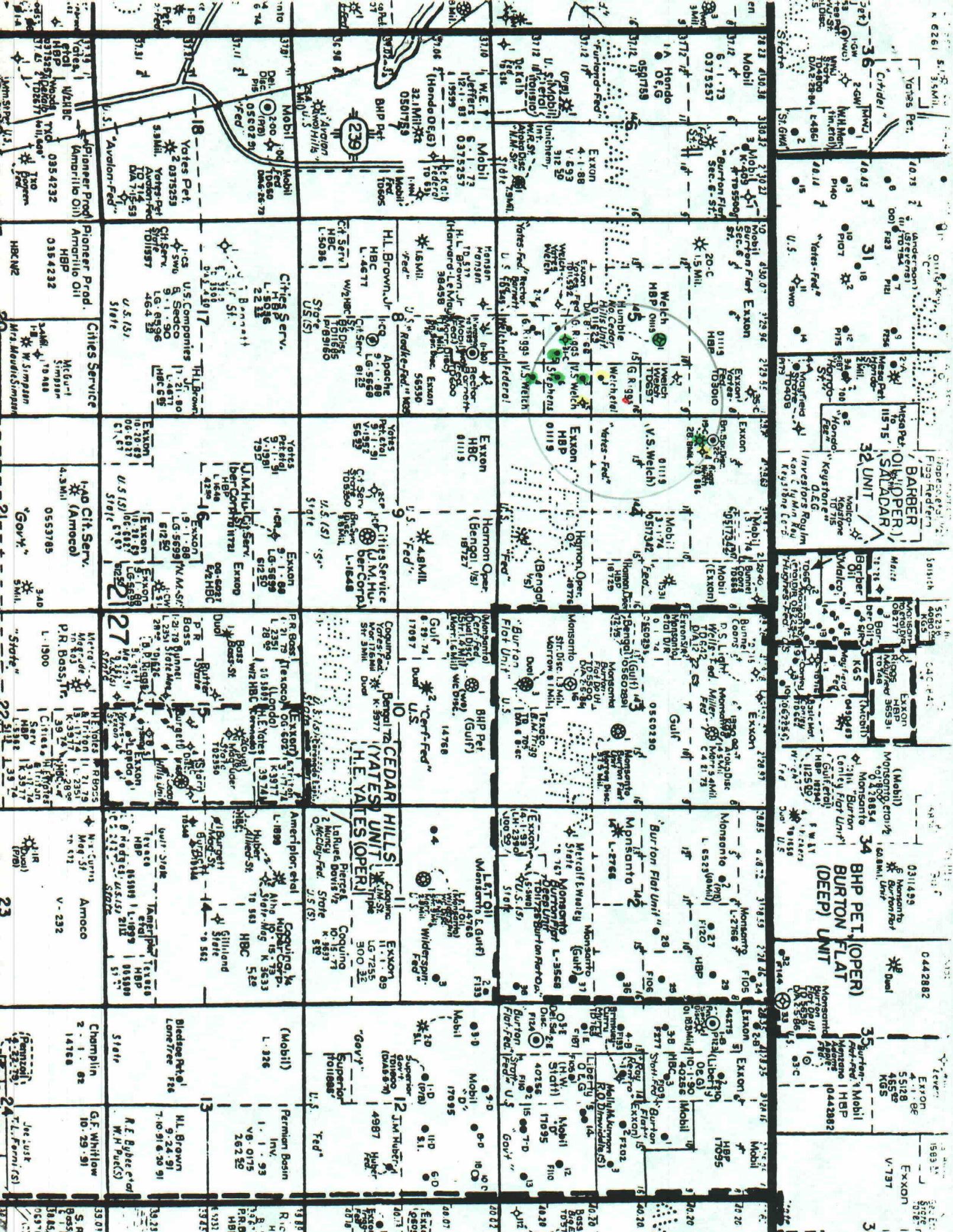
WATER Zones: None Reported on 9-330

TOP OF YATES: _____

OIL/GAS Zones: NONE

Production: NO PRODUCTION

REMARKS: DRY HOLE; P & A



APR 12 1991

GEORGE D. RIGGS
P. O. Box 116
Carlsbad, NM 88220

G. C. D.
ARTESIA OFFICE

April 11, 1991

Application for SWD Well,
Welch Federal Riggs #7,
Eddy County, New Mexico,
Replacement for P&A SWD-95

State of New Mexico
Energy and Minerals Department
Oil Conservation Division
P. O. Box 2088
Santa Fe, NM 87501

Gentlemen:

George D. Riggs respectfully requests administrative approval of the enclosed application to drill the Welch-Federal Riggs #7 and inject lease produced water, as a replacement for the Plugged and Abandoned Riggs #5, SWD-95. Form C-108 and all its attachments are enclosed. Also included is proof of publication of the legal notice in the CARLSBAD CURRENT-ARGUS newspaper. Copies of this application are being sent by certified mail to leasehold operators within one-half mile, and the Bureau of Land Management in Carlsbad is being notified as surface owner.

If you have any questions or require further information regarding this submittal, please contact Mr. Bill Taylor at 1106 N. Country Club, Carlsbad, NM 88220, or at 505-887-2570.

Sincerely,

for George D. Riggs,

Bill Taylor

Bill Taylor,
Lease Agent

Attachments

xc: New Mexico Oil Conservation Division,
District 2 Office, Artesia NM
Offset Operators
BLM, Carlsbad, NM

Copies of NMOCD Form C-108 were sent to the following by certified mail on April 11, 1991, 1991:

Offset Operators

Exxon Corporation
P. O. Box 1600
Midland, Tx. 79702-1600

J. M. Welch
P. O. Box 4596
Artesia, NM 88210

Surface Owner

Bureau of Land Management
Carlsbad Area Resource Office
P. O. Box 1778
Carlsbad, NM 88220

For George D. Riggs,

Bill Taylor

Bill Taylor,
Lease Agent

LEGAL NOTICE as published in the Regular Daily Publication
of the CARLSBAD CURRENT-ARGUS, April 10, 1991, page B-6:

CARLSBAD CURRENT-ARGUS
(ISSN-USPS #96-860)

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MAIL SUBSCRIPTION RATES
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Within Eddy County, N.M.

Per Month \$8.00

One Year \$96.00

Outside Eddy County, N.M.

Per Month \$10.00

One Year \$120.00

April 10, 1991

**NOTICE OF APPLICATION
FOR FLUID INJECTION
WELL PERMIT**

Applicant: George D. Riggs,
P.O. Box 118, Carlsbad, NM
88220

Contact Party: Bill Taylor,
505-887-2570.

Application is made to the New Mexico Oil Conservation Division for a permit to inject lease produced water from the Yates formation back into the Yates formation. The well is located 4122' FNL and 330' FEL of Section 5, Township 21S, Range 27E, Eddy County, New Mexico. The proposed disposal zone will be from 515' to 675'. The maximum injection rate will be 1250 barrels per day; the maximum pressure will be 125 psig. Interested parties must file objections or requests for hearing with the Oil Conservation Division, P.O. Box 2088, Santa Fe, NM 87501 within 15 days.