

July 1, 1996

Shell Oil Company
P.O. Box 576
Houston, TX 77001

Re: MR Drilling Company, Wills Federal Lease, Well #1, Sec 34, T-26-S, R-37-E, 330 FNL&330'
FWL, Lea County, New Mexico.

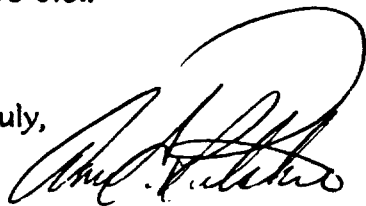
Gentlemen/Ladies:

On this date we have submitted by mail an application to convert the above referenced well into a lease injection well. This well is to be utilized for water production from the producing wells on the Wills Federal Lease. You or your company is a leasehold operator or surface owner within 1/2 mile of the applied for well.

The daily anticipated injection volume on average will be 600 bbls, maximum injection volume per day - 1000 bbls. The average injection pressure is projected to be 1200# or less, with a maximum permitted injection pressure of 1600#. The produced formation water will be injected back into the formation from which it was produced; in well #1 the perforations to be utilized for injection are from 3221-3367', the Yates formation. The original purpose of this well was to produce oil; it is no longer economically productive of oil or gas.

If you have any question concerning this application please call us at (915) 684-6381 or write to MR Drilling Company, c/o Box 953, Midland, Texas 79702. Questions concerning the permitting of the application can be made to the Oil Conservation Division in Hobbs (505) 393-6161.

Yours truly,



Ann E. Ritchie, Regulatory Agent
MR Drilling Company
c/o Box 953
Midland, Texas 79702

cc: MR Drilling Company, P.O. Box 687, Monahans, TX 79756

July 1, 1996

Marathon Oil Company
P.O. Box 552
Midland, Texas 79702

Re: MR Drilling Company, Wills Federal Lease, Well #1, Sec 34, T-26-S, R-37-E, 330 FNL&330'
FWL, Lea County, New Mexico.

Gentlemen/Ladies:

On this date we have submitted by mail an application to convert the above referenced well into a lease injection well. This well is to be utilized for water production from the producing wells on the Wills Federal Lease. You or your company is a leasehold operator or surface owner within 1/2 mile of the applied for well.

The daily anticipated injection volume on average will be 600 bbls, maximum injection volume per day - 1000 bbls. The average injection pressure is projected to be 1200# or less, with a maximum permitted injection pressure of 1600#. The produced formation water will be injected back into the formation from which it was produced; in well #1 the perforations to be utilized for injection are from 3221-3367', the Yates formation. The original purpose of this well was to produce oil; it is no longer economically productive of oil or gas.

If you have any question concerning this application please call us at (915) 684-6381 or write to MR Drilling Company, c/o Box 953, Midland, Texas 79702. Questions concerning the permitting of the application can be made to the Oil Conservation Division in Hobbs (505) 393-6161.

Yours truly,



Ann E. Ritchie, Regulatory Agent
MR Drilling Company
c/o Box 953
Midland, Texas 79702

cc: MR Drilling Company, P.O. Box 687, Monahans, TX 79756

July 1, 1996

Harkey Energy
P.O. Box 1975
Monahans, Texas 79756

Re: MR Drilling Company, Wills Federal Lease, Well #1, Sec 34, T-26-S, R-37-E, 330 FNL&330'
FWL, Lea County, New Mexico.

Gentlemen/Ladies:

On this date we have submitted by mail an application to convert the above referenced well into a lease injection well. This well is to be utilized for water production from the producing wells on the Wills Federal Lease. You or your company is a leasehold operator or surface owner within 1/2 mile of the applied for well.

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If you have any question concerning this application please call us at (915) 684-6381 or write to MR Drilling Company, c/o Box 953, Midland, Texas 79702. Questions concerning the permitting of the application can be made to the Oil Conservation Division in Hobbs (505) 393-6161.

Yours truly,



Ann E. Ritchie, Regulatory Agent
MR Drilling Company
c/o Box 953
Midland, Texas 79702

cc: MR Drilling Company, P.O. Box 687, Monahans, TX 79756

July 1, 1996

Texaco Exploration & Production Co.
P.O. Box 3109
Midland, Texas 79702

Re: MR Drilling Company, Wills Federal Lease, Well #1, Sec 34, T-26-S, R-37-E, 330 FNL&330'
FWL, Lea County, New Mexico.

Gentlemen/Ladies:

On this date we have submitted by mail an application to convert the above referenced well into a lease injection well. This well is to be utilized for water production from the producing wells on the Wills Federal Lease. You or your company is a leasehold operator or surface owner within 1/2 mile of the applied for well.

The daily anticipated injection volume on average will be 600 bbls, maximum injection volume per day - 1000 bbls. The average injection pressure is projected to be 1200# or less, with a maximum permitted injection pressure of 1600#. The produced formation water will be injected back into the formation from which it was produced; in well #1 the perforations to be utilized for injection are from 3221-3367', the Yates formation. The original purpose of this well was to produce oil; it is no longer economically productive of oil or gas.

If you have any question concerning this application please call us at (915) 684-6381 or write to MR Drilling Company, c/o Box 953, Midland, Texas 79702. Questions concerning the permitting of the application can be made to the Oil Conservation Division in Hobbs (505) 393-6161.

Yours truly,



Ann E. Ritchie, Regulatory Agent
MR Drilling Company
c/o Box 953
Midland, Texas 79702

cc: MR Drilling Company, P.O. Box 687, Monahans, TX 79756

July 1, 1996

Tom & Evelyn Lineberry Foundation
P.O. Box 1536
Midland, Texas 79702

Re: MR Drilling Company, Wills Federal Lease, Well #1, Sec 34, T-26-S, R-37-E, 330 FNL&330'
FWL, Lea County, New Mexico.

Gentlemen/Ladies:

On this date we have submitted by mail an application to convert the above referenced well into a lease injection well. This well is to be utilized for water production from the producing wells on the Wills Federal Lease. You or your company is a leasehold operator or surface owner within 1/2 mile of the applied for well.

The daily anticipated injection volume on average will be 600 bbls, maximum injection volume per day - 1000 bbls. The average injection pressure is projected to be 1200# or less, with a maximum permitted injection pressure of 1600#. The produced formation water will be injected back into the formation from which it was produced; in well #1 the perforations to be utilized for injection are from 3221-3367', the Yates formation. The original purpose of this well was to produce oil; it is no longer economically productive of oil or gas.

If you have any question concerning this application please call us at (915) 684-6381 or write to MR Drilling Company, c/o Box 953, Midland, Texas 79702. Questions concerning the permitting of the application can be made to the Oil Conservation Division in Hobbs (505) 393-6161.

Yours truly,



Ann E. Ritchie, Regulatory Agent
MR Drilling Company
c/o Box 953
Midland, Texas 79702

cc: MR Drilling Company, P.O. Box 687, Monahans, TX 79756

P 389 511 447

US Postal Service

Receipt for Certified Mail

No Insurance Coverage Provided.

Do not use for International Mail (See reverse)

Sent to	
Marathon Oil Co.	
Street & Number	
P.O. Box 552	
Post Office, State, & ZIP Code	
Midland, Texas 79702	
Postage	\$.32
Certified Fee	1.10
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	1.10
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	\$ 2.52
Postmark or Date	

P 389 511 451

US Postal Service

Receipt for Certified Mail

No Insurance Coverage Provided.

Do not use for International Mail (See reverse)

Sent to	
Tom & Evelyn Lineberry Found.	
Street & Number	
P.O. Box 1536	
Post Office, State, & ZIP Code	
Midland, Texas 79702	
Postage	\$.32
Certified Fee	1.10
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	1.10
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	\$ 2.52
Postmark or Date	

P 389 511 449

US Postal Service

Receipt for Certified Mail

No Insurance Coverage Provided.

Do not use for International Mail (See reverse)

Sent to	
Harkey Energy	
Street & Number	
P.O. Box 1975	
Post Office, State, & ZIP Code	
Monahans, Texas 79756	
Postage	\$.32
Certified Fee	1.10
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	1.10
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	\$ 2.52
Postmark or Date	

P 389 511 450

US Postal Service

Receipt for Certified Mail

No Insurance Coverage Provided.

Do not use for International Mail (See reverse)

Sent to	
Texaco Expl. & Prod. Co.	
Street & Number	
P.O. Box 3109	
Post Office, State, & ZIP Code	
Midland, Texas 79702	
Postage	\$.32
Certified Fee	1.10
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	1.10
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	\$ 2.52
Postmark or Date	

P 389 511 448

US Postal Service

Receipt for Certified Mail

No Insurance Coverage Provided.

Do not use for International Mail (See reverse)

Sent to	
Shell Oil Company	
Street & Number	
P.O. Box 576	
Post Office, State, & ZIP Code	
Houston, Texas 77001	
Postage	\$.32
Certified Fee	1.10
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	1.10
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	\$ 2.52
Postmark or Date	

July 12, 1996

Oil Conservation Division
P.O. Box 2088
Santa Fe, NM 87501

Re: MR Drilling Company, Wills Federal, Well #1, Section 34, T-26-S, R-37-E, Lea County, New Mexico, Form C-108, Application for Authorization to Inject

Ladies/Gentlemen:

In reference to the above captioned well, we would like to submit the following amendments to the application after conferring with various offset operators:

Section VII: Proposed daily rate of injection: 250 bbls
Maximum daily rate of injection: 500 bbls

Average Injection Pressure: 1000#
Maximum Injection Pressure: 1200#

Section III: Well Data: (A) #4
CIBP to 3095' is a typing error.

Is: 3095'
Should Be: 3495'

We would also like to specify that the well is to be used for pressure maintenance purposes also. Copies of this request to amend our application of 7-1-96 will be sent this date to all parties listed in Section XIV on this date.

Please let us know if you will need any further information in order to add and process this amendment.

Yours truly,



Ann E. Ritchie, Regulatory Agent
MR Drilling Company
c/o P.O. Box 953
Midland, TX 79702

Copies to: Marathon Oil Co., Shell Oil Co., Harkey Energy, Texaco Expl. & Prod., Tom & Evelyn Lineberry Foundation, Smith & Marrs, Inc.(offset not within 1/2 mile radius), Oil Conservation Division, Hobbs District office.

P 389 511 452

US Postal Service

Receipt for Certified Mail

No Insurance Coverage Provided.

Do not use for International Mail (See reverse)

Sent to	
Marathon Oil Co.	
Street & Number	
P.O. Box 552	
Post Office, State, & ZIP Code	
Midland, Texas 79702	
Postage	\$.32
Certified Fee	1.10
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	1.10
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	\$ 2.52
Postmark or Date	

PS Form 3800, April 1995

P 389 511 455

US Postal Service

Receipt for Certified Mail

No Insurance Coverage Provided.

Do not use for International Mail (See reverse)

Sent to	
Tom & Evelyn Lineberry Found.	
Street & Number	
P.O. Box 1536	
Post Office, State, & ZIP Code	
Midland, Texas 79702	
Postage	\$.32
Certified Fee	1.10
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	1.10
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	\$ 2.52
Postmark or Date	

PS Form 3800, April 1995

P 389 511 454

US Postal Service

Receipt for Certified Mail

No Insurance Coverage Provided.

Do not use for International Mail (See reverse)

Sent to	
Harkey Energy	
Street & Number	
P.O. Box 1975	
Post Office, State, & ZIP Code	
Monahans, Texas 79756	
Postage	\$.32
Certified Fee	1.10
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	1.10
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	2.52
Postmark or Date	

PS Form 3800, April 1995

P 389 511 456

US Postal Service

Receipt for Certified Mail

No Insurance Coverage Provided.

Do not use for International Mail (See reverse)

Sent to	
Texaco Expl. & Prod. Co.	
Street & Number	
P.O. Box 3109 /Att: Charles Wolle	
Post Office, State, & ZIP Code	
Midland, Texas 79702	
Postage	\$.32
Certified Fee	1.10
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	1.10
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	\$ 2.52
Postmark or Date	

PS Form 3800, April 1995

P 389 511 453

US Postal Service

Receipt for Certified Mail

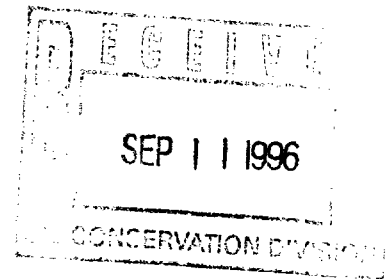
No Insurance Coverage Provided.

Do not use for International Mail (See reverse)

Sent to	
Shell Oil Company	
Street & Number	
P.O. Box 576	
Post Office, State, & ZIP Code	
Houston, Texas 77001	
Postage	\$.32
Certified Fee	1.10
Special Delivery Fee	
Restricted Delivery Fee	
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Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	\$ 2.52
Postmark or Date	

PS Form 3800, April 1995

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



Re: MR Drilling Company
Wills Federal, Well #1
Section 34, T-26-S, R-37-E
Lea County, New Mexico

Dear Mr. Stone,

Please find enclosed the construction information that you requested on the offset wells in the Application to Inject on the above referenced well. Also please find the schematic wellbore of the plugged well.

If you need any additional information to process this application please call me at this number, 915-684-6381. Thank you.

Sincerely yours,


Kay Maddox

KM/km

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

CONTACT REC. OFFICE FOR NL. R. M. COMMISSION
OF COPIES REQUIRED. Modified Form No. 10068-316023
(See other Instructions on reverse side)
NO. 009-1980
HOBBS, NEW MEXICO 88240

5. LEASE DESIGNATION AND SERIAL NO.

NM-25741

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

RHODES YATES COOP FED. Com-3

9. WELL NUMBER

1

10. FIELD AND POOL, OR WILDCAT

RHODES YATES SEVEN RIVERS

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

SEC. 27, T-26-S, R-37-E

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other _____
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESER. ☐ Other _____

2. NAME OF OPERATOR

TEXACO EXPLORATION AND PRODUCTION INC

3. ADDRESS OF OPERATOR

P. O. Box 3109, Midland, Texas 79702

3a. AREA CODE & PHONE NO.

915-688-4620

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

At surface 1360' FSL & 50' FWL, UNIT LETTER L, NW/SW

At top prod. interval reported below SAME

At total depth SAME

9a. API WELL NO.

API# 30-025-32094

14. PERMIT NO.

N/A

DATE ISSUED

07-06-93

12. COUNTY OR PARISH LEA

13. STATE

NM

15. DATE SPUNDED

12-31-93

16. DATE T.D. REACHED

01-04-94

17. DATE COMPL. (Ready to prod.)

01-23-94

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*

GR-2966', KB-2976'

19. ELEV. CASINGHEAD

2966'

20. TOTAL DEPTH, MD & TVD

3500'

21. PLUG BACK T.D., MD & TVD

3388'

22. IF MULTIPLE COMPL. HOW MANY*

23. INTERVALS DRILLED BY

ROTARY TOOLS

0 - 3500'

CABLE TOOLS

24. PRODUCING INTERVAL (S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)*

3130' - 3324'; YATES/SEVEN RIVERS

25. WAS DIRECTIONAL SURVEY MADE

YES

26. TYPE ELECTRIC AND OTHER LOGS RUN

GR-DLL-MSFL-CAL, GR-CSL-CAL, GR-SDL-DSN-CAL, GR-CCL

27. WAS WELL CORED

NO

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8	24#	700'	12 1/4	CL-C 450 SX - CIRC. 89 SX.	
5 1/2	17#	3500'	7 7/8	CL-H 1165 SX - CIRC. 350 SX	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 7/8	3026'	

31. PERFORATION RECORD (Interval, size, and number)

3130' - 3144'; 4 JSPF, 42 HOLES.

3306' - 3324'; 4 JSPF, 72 HOLES.

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3130' - 3144'	FRAC: 19000 GAL XLG 2% KCL & 102000# 16/30 SAND
3306' - 3324'	FRAC: 19000 GAL XLG 2% KCL & 102000# 16/30 SAND

33.* PRODUCTION

DATE OF FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump)				WELL STATUS (Producing or shut-in)	
01-25-94		PUMPING 2.5 X 1.75 X 20				PRODUCING	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL - BBL.	GAS - MCF.	WATER - BBL.	GAS - OIL RATIO
02-14-94	24			51	59	16	1157
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24 HOUR RATE	OIL - BBL.	GAS - MCF.	WATER - BBL.	OIL GRAVITY - API (CORR.)	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

SOLD

ACCEPTED FOR RECORD

35. LIST OF ATTACHMENTS

DEVIATION SURVEY

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED C. P. Basham / SDH

TITLE DRILLING OPERATIONS MANAGER

DATE 02-22-94

*(See Instructions and Spaces for Additional Data on Reverse Side)

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries).

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP		
					MEAS. DEPTH	TRUE VERT. DEPTH	
YATES SEVEN RIVERS OFFICE	3020'	3326'	SANDSTONE, ANHYDRITE & DOLOMITE; OIL	RUSTLER	1184'		
	3326'	3500'	DOLOMITE, ANHYDRITE & SANDSTONE; OIL	SALADO	1413'		
				TANSILL	2857'		
				YATES	3020'		
				SEVEN RIVERS	3326'		
				TD	3500'		

38. GEOLOGIC MARKERS

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

BLM Roswell District
Modified Form No.
NM060-3160-3

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other _____
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESER. ☐ Other _____

2. NAME OF OPERATOR
TEXACO EXPLORATION AND PRODUCTION INC.

3. ADDRESS OF OPERATOR
P. O. Box 3109, Midland, Texas 79702

3a. AREA CODE & PHONE NO.
(915) 688-4620

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

At surface 1516' FSL & 1453' FWL, UNIT LETTER: K

At top prod. interval reported below SAME

At total depth SAME

9a. API WELL NO.
30-025-31757

14. PERMIT NO.

DATE ISSUED
10-15-92

12. COUNTY OR
PARISH
LEA

13. STATE
NM

15. DATE SPUDDED
11-03-92

16. DATE T.D. REACHED
11-08-92

17. DATE COMPL. (Ready to prod.)
11-28-92

18. ELEVATIONS (OF, RKB, RT, GR, ETC.)*
GR-2976', KB-2986'

19. ELEV. CASINGHEAD
2976'

20. TOTAL DEPTH, MD & TVD
3440'

21. PLUG BACK T.D., MD & TVD
3352'

22. IF MULTIPLE COMPL.
HOW MANY*

23. INTERVALS
DRILLED BY

ROTARY TOOLS
0-3440'

CABLE TOOLS

24. PRODUCING INTERVAL (S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)*

3161' - 3343': SEVEN RIVERS

25. WAS DIRECTIONAL
SURVEY MADE
YES

26. TYPE ELECTRIC AND OTHER LOGS RUN

GR-DLL-MSFL, GR-DSN-SDL, GR-SONIC

27. WAS WELL CORED
NO

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8	24#	1190'	12 1/4	950 SX, CIRC. 160 SX	
5 1/2	15.6#	3440'	7 7/8	735 SX, CIRC. 116 SX	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 7/8	3131'	

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size, and number)
3161-65, 3171-72, 3190-96, 3199-3201, 3204-05,
3208-12, 3228-32, 3235-38, 3240-44, 3284-95,
3301-09, 3312-43. w/ 2 JSPF: 158 HOLES

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3161' - 3343'	FRAC: 4000 GAL 2% KCL F/B 32000 GAL XLG KCL w/ 140000# 12/20 SD.

33. PRODUCTION

DATE OF FIRST PRODUCTION 11-20-92		PRODUCTION METHOD (Flowing, gas lift, pumping- size and type of pump) PUMPING - 2.5 x 1.75 x 24				WELL STATUS (Producing or shut-in) PRODUCING	
DATE OF TEST 12-13-92	HOURS TESTED 24	CHOKE SIZE	PROD'N. FOR TEST PERIOD →	OIL - BBL. 49	GAS - MCF. 29	WATER - BBL. 474	GAS - OIL RATIO 592
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24 HOUR RATE →	OIL - BBL.	GAS - MCF.	WATER - BBL.	OIL GRAVITY - API (CORR.) 37.4	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)
VENTED FOR TEST PURPOSES ONLY

TEST WITNESSED BY
JOHN VANCE

35. LIST OF ATTACHMENTS
DEVIATION SURVEY

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED C.P. Bashem/cwt TITLE DRILLING OPERATIONS MANAGER DATE 12-15-92

*(See instructions and Spaces for Additional Data on Reverse Side)

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries).

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
YATES SEVEN RIVERS	2987	3345	SANDSTONE w/ DOLOMITE & ANHYDRITE: OIL	RUSTLER	1190'	
		3440	DOLOMITE w/ SAND: OIL	SALADO	1410'	
				TANSILL	2844'	
				YATES	2987'	
				SEVEN RIVERS	9345'	

38. GEOLOGIC MARKERS

RECEIVED
DEC 3 11992
OCD HOBBS OFFICE

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

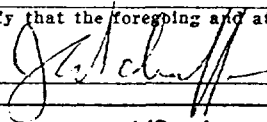
(See of
structi-
reverse)Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL:		OIL WELL <input checked="" type="checkbox"/>	GAS WELL <input type="checkbox"/>	DRY <input type="checkbox"/>	Other _____		
b. TYPE OF COMPLETION:		NEW WELL <input checked="" type="checkbox"/>	WORK OVER <input type="checkbox"/>	DEEP-EN <input type="checkbox"/>	PLUG BACK <input type="checkbox"/>		
		DIFF. RESVR. <input type="checkbox"/>	Other _____				
2. NAME OF OPERATOR TEXACO Inc.							
3. ADDRESS OF OPERATOR P. O. BOX 728, HOBES, NEW MEXICO 88240							
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 660' FSL & 660' FWL of Section 27, T-26-S, R-37-E, Unit Letter 'M', Lea County, New Mexico At top prod. interval reported below At total depth							
14. PERMIT NO.		DATE ISSUED					
Regular		10-21-77					
5. LEASE DESIGNATION AND SERIAL NO.		YM - 25741					
6. IF INDIAN, ALLOTTEE OR TRIBE NAME		-					
7. UNIT AGREEMENT NAME		Rhodes Yates Unit					
8. FARM OR LEASE NAME		Rhodes Yates Unit					
9. WELL NO.		13					
10. FIELD AND POOL, OR WILDCAT		Rhodes Yates					
11. SEC. T. R. M., OR BLOCK AND SURVEY OR AREA		Sec. 27, T-26-S, R-37-E					
12. COUNTY OR PARISH		13. STATE					
Lea		New Mexico					
15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (Ready to prod.)	18. ELEVATIONS (DF, REB, RT, GR, ETC.)*	19. ELEV. CASINGHEAD			
1-9-78	1-18-78	2-14-78	2975' (GR)	2975'			
20. TOTAL DEPTH, MD & TVD	21. PLUG, BACK T.D., MD & TVD	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY	ROTARY TOOLS	CABLE TOOLS		
3450'	3378'		→	0-3450	-0-		
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 3312' - 3349' - Yates					25. WAS DIRECTIONAL SURVEY MADE No		
26. TYPE ELECTRIC AND OTHER LOGS RUN DLL/MLL & CN/CDL/GR					27. WAS WELL CORED Yes		
29. CASING RECORD (Report all strings set in well)							
CASINO SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED		
8 5/8"	24#	654'	12-1/4"	500 SX	-0-		
5 1/2"	14#	3450'	8 5/8"	950 SX	-0-		
29. LINER RECORD			30. TUBING RECORD				
SIZE	TOP (MD)	BOTTOM (MD)	BACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"		
31. PERFORATION RECORD (Interval, size and number) Perforate 5 1/2" OD Csz w/2-JSPF @ 3312', 20', 27', 36', 42', & 3349'				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED						
3312'-3349'	1000 gal. 15% NE Acid						
	28,000 gal. 70% N ₂ Foam						
	w/33,000# 20/40 sand & 1000 gal. 15% NE Acid.						
33.* PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)			WELL STATUS (Producing or shut-in)		
1-9-78		pumping - 1 1/2"			Producing		
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	
2-14-78	24	-	→	3	-0-	44	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
-	-	→	3	-0-	44	38.0	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) TSTM					TEST WITNESSED BY F.M. Reynolds		
35. LIST OF ATTACHMENTS							

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED



TITLE

Asst. Dist. Supt.

DATE

2-15-78

*(See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES:

SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORDED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	38. GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Red Bed	654	1899	Core #1 3238' - 3298' cut 60', Rec. 60'	Anhydrite	1198	
Anhy & Salt	1899	3450	Core #2 3298' - 3358' cut 60', Rec. 60'	Yates	3045	
Lime	3450	3430	Core #3 3358' - 3400' cut 42', Rec. 42'	Seven Rivers	3362	
Total Depth	3430	3378				
PBTD						

OIL CONSERVATION COMM.
HOBBS, N. M.
FEB 28 1978
RECEIVED

INJECTION WELL DATA SHEET

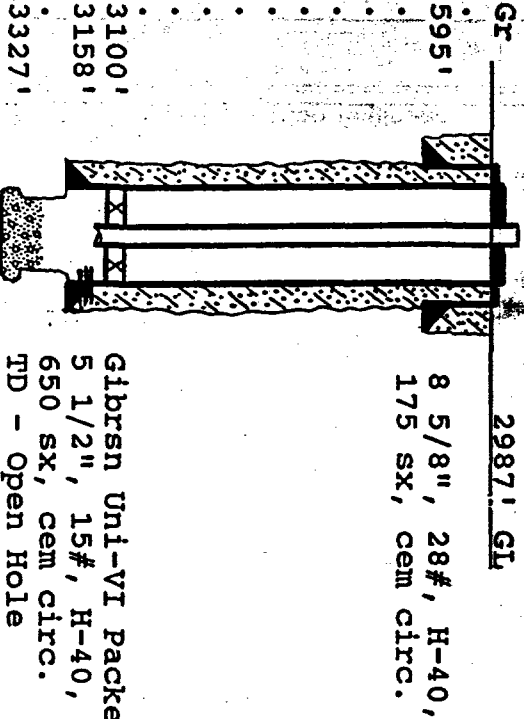
PO-108

OPERATOR: Texaco Exploration & Production Inc. WELL: Rhodes Yates Unit #10 WIM

FOOTAGE LOCATION: 2310 FSL, 660 FWL Sec./Twn/Rng: Unit L, Section 27, T-26-S, R-37-E

Additional pay will be added to Middle Yates. DF = 2996' Lea County, New Mexico

SCHEMATIC



3100' Gibrsn Uni-VI Packer
3158' 5 1/2", 15#, H-40,
3327' 650 sx, cem circ.
3287'-3307 TD - Open Hole
3260'-TD Shot w/ 100 gts
20/40 Resin-Coated
Sand Pack

Estimated Tops:

1400' - 2870' Salt
3008' Yates
3287' Pay
1996' Additional perfs from 3122'-3153'

TABULAR DATA

Surface Casing: Set at: 595'

Size 8 5/8, 28# Cemented with 175 sx.

TOC surface determined by circulated

Hole Size NR Comp. Date 4-26-43

Intermediate casing: Set at: '

Size none Cemented with sx.

TOC determined by

Hole Size

Production Casing: Set at: 3158'

Size 5 1/2", 15# Cemented with 650 sx.

TOC surface determined by circulated

Hole Size 7 7/8'

Injection Interval:

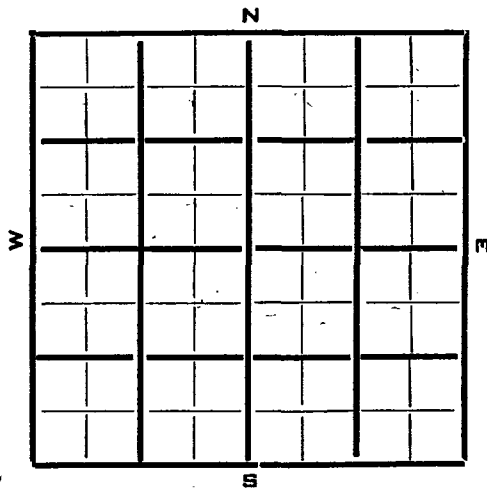
3122' to 3327' through: Open Hole

Tubing: 2 3/8", 4.7#, J-55, ICC, 2000# WP

SCOUT REPORT

NEW MEXICO

OIL CONSERVATION COMMISSION



Company Anderson-Prichard
 Farm Name Gregory-B Well No. 2
 Land Classification Government
 Sec. 27 Twp. 26 Range 37 County Lea
 Feet from Line: N. 2310 S. 660 W.
 Elevation Method
 Contractor Scout
 Spudded 5-2-43 Completed 5-27-43 Initial Production
 Bond Status

AMOUNT CASING AND CEMENTING RECORD

SIZE	FEET	INCHES	SAX CEMENT
<u>8 5/8</u>	<u>595</u>		<u>175</u>
<u>5 1/2</u>	<u>3160</u>		<u>350</u>

ACID RECORD

Gals.

Top Pay 3287

TD

SHOOTING RECORD

No. of Quarts 100 From 3287 To 3327No. of Quarts From To

S/

S/

S/

S/

S/

S/

TUBING RECORD

2" 3300

PACKER

DATE	TIME	DESCRIPTION
4-20-43	MIR	
4-21		Bldg Deck
5-4		TD 3305 RB
		WOC
5-11		02930 L
5-18		TD 3160 L WOC
5-27		TD 3327 VLT S
		Run shock
6-1		TD 3327 VLT
		PT 16 5160 24 hrs at shot

ILLEGIBLE

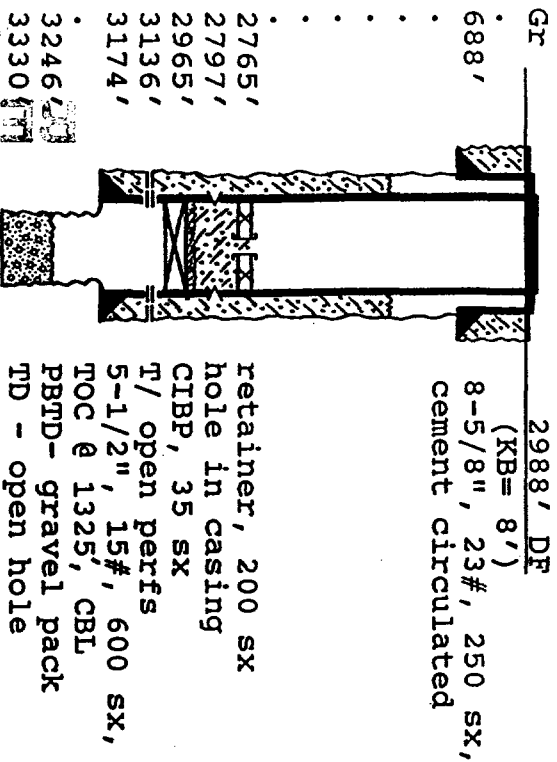
INJECTION WELL DATA SHEET

OPERATOR: Texaco Exploration & Production Inc. WELL: Rhodes Yates Unit #12 WTW

FOOTAGE LOCATION: 990 FSL, 2310 FWL Sec./Twn/Rng: Unit N, Section 27, T-26-S, R-37-E

Former Anderson-Pritchard Oil Corp. Gregory Morris (B) #3 Lea County, New Mexico

SCHEMATIC



Billings Tops:
Salt 1170' - 2830'
Yates 2988'
Seven Rivers na

ILLEGIBLE

TABULAR DATA

Surface Casing: Set at: 688'

Size 8-5/8, 23# Cemented with 250 sx.

TOC surface determined by circulated

Hole Size 12-1/4" Comp. Date 11-22-45.

Intermediate casing: Set at:

Size none Cemented with

TOC determined by

Hole Size

Production Casing: Set at:

Size 5-1/2", 15# Cemented with

TOC 3325' determined by

Hole Size 7-7/8", 4-3/4" open hole

Injection Interval:

3136' to 3246' through: open hole, perfs

Squeezed perfs: 2972'-3036', 3048'-3118', 2/74

Well #3

PO-108

(6/93)

DO NOT REMOVE

INJECTION WELL DATA SHEET

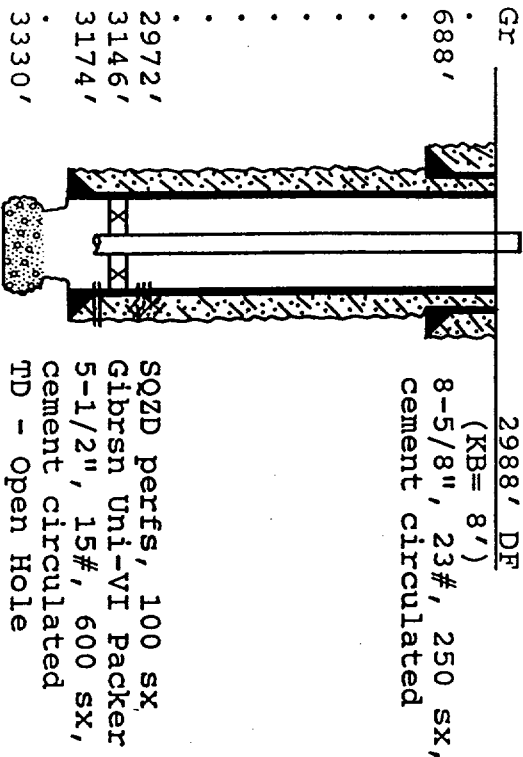
PO-108

OPERATOR: Texaco Exploration & Production Inc. WELL: Rhodes Yates Unit #12 WTW

FOOTAGE LOCATION: 990 FSL, 2310 FWL Sec./Twn/Rng: Unit N, Section 27, T-26-S, R-37-E

Former Anderson-Pritchard Oil Corp. Gregory Morris (B) #3 Lea County, New Mexico

SCHEMATIC



TABULAR DATA

Surface Casing: Set at: 688

Size 8-5/8, 23# Cemented with 250 sx.

TOC surface determined by circulated

Hole Size 12-1/4" Comp. Date 11-22-45

Intermediate casing: Set at:

Size none Cemented with sx.

TOC determined by

Hole Size

Production Casing: Set at: 3174

Size 5-1/2", 15# Cemented with 600 sx.

TOC surface determined by circulated

Hole Size 7-7/8", 4-3/4" open hole

Injection Interval:

3136 ' to 3330 ' through: open hole, perfs

Tubing: 2 3/8", 4.7#, J-55, IEC, 2000# WP

Driller's Tops:
Salt 1170' - 2830'
Yates 2988'
Seven Rivers na

** Additional perfs from 3136'-3170'

2/10/19

Company	Anderson & Prishard			
Farm Name	Gregory	Gov't	Well No.	3
Sec.	27	Twp.	26	Range 37 County Lea
Feet from Line:	N. 990	S.	E. 2310	W.
Elevation	2985		Method	
Contractor				
Spudded	Completed			

ACID RECORD

Gals.

TA	TQ
TX	TSA
TCA	TGI
BX	TYo
TY	TAbO
TSR	TPenn
TQ	TOrd

Top Pay 3894

No. of Quarts	From	To
No. of Quarts	From	To
S/	S/	S/
S/	S/	S/
S/	S/	S/

[illegible]