

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*
(Other instructions on
reverse side)

Form approved.
Budget Bureau No. 1004-0136
Expires August 31, 1985

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☐

DEEPEN ☐

PLUG BACK ☒

b. TYPE OF WELL

OIL
WELL ☒

GAS
WELL ☐

OTHER

SINGLE
ZONE ☒

MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Mobil Producing Tx. & N.M.

3. ADDRESS OF OPERATOR

P.O. Box 633 Midland, Texas 79702

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

1980' FSL; 1980' FEL

At proposed prod. zone
1980' FSL; 1980' FEL

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

30 miles Northwest from Jal, New Mexico

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

3300'

16. NO. OF ACRES IN LEASE

2080

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

5280'

19. PROPOSED DEPTH

11,900'

20. ROTARY OR CABLE TOOLS

Workover

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

3705'

22. APPROX. DATE WORK WILL START*

ASAP

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2	13-3/8	54.5#	610	730 sx to surface
12-1/2	10-3/4	45.5#	4953	2250 sx to surface
9-1/2	7-5/8	29.7#	12470	875 sx to surface
6-1/2	5	20#	15960	660 sx to surface

The subject well is currently T.A.'d in the Diamondtail Wolfcamp.

We are requesting permission to plugback to the Bone Spring and perforate. CIBP depth to be determined during procedure, due to collapsed casing @ 11,987'.

The recompletion procedure is attached.

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.

SIGNED C.A. Moore for M.E. Sweeney TITLE Env. & Reg. Manager DATE June 3, 1987

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

RECOMMENDED WORK PROCEDURE

LEASE: TRISTE DRAW FEDERAL
ANNULAR FLUID PRIOR TO WORKOVER:
FORMATION FLUIDS

WELL NO: 1
W/O FLUID TO BE USED:
2% KCL WTR

PLEASE CONTACT OPERATIONS ENGR. IN HOBBS (393-9186) 24 HOURS
PRIOR TO MIRU

1. MIRU.
2. POH w/ RODS & PUMP.
3. NU BOPs & POH w/ 2-7/8" TBG
4. MIRU WIRELINE CO. RIH w/ GAUGE RING & JUNK BASKET INSIDE 5" LNR TO PBTD. (APPROX. 11987') RECORD NEW PBTD. POH.
NOTE: IF UNABLE TO GET IN LNR TOP, RIH w/ TAPERED MILL & CLEAN OUT SAME.
5. RIH w/ 5" 15# CIBP & SET @ NEW PBTD. CAP w/ 35' CMT. POH.
6. RIH w/ 2-7/8" TBG TO LOAD HOLE w/ 2% KCL WTR & TEST CSG TO 1000 PSIG. POH.
7. RIH w/ 3-1/8" CSG GUN & PERFORATE THE 5" LNR & 7-5/8" CSG IN THE BONE SPRINGS FORMATION, 14 GRAM PREMIUM CHARGES, & 180 DEGREE PHASING, AS FOLLOWS: (43 HOLES TOTAL)

<u>INTERVAL</u>	<u>JSPF</u>	<u># OF HOLES</u>
9965-67', 9970-72', 9974', 9978', 9981	1	9
9988-90', 9993'	1	4
9998-10010',	1 JSP 2'	7
10013-15', 10021-23'	1	6
10024-28', 10031-41'	1 JSP 2'	9
10043', 10045', 10046', 10049'	1	4
10060-63'	1	4

NOTE: WILL NEED TO RUN A GR-CCL & CORRELATE TO THE
SCHLUMBERGER GR-CNL-FDC LOG, DATED 10-16-80

8. RIH w/ 5" 15# TREATING PKR ON 2-7/8" TBG (TEST TBG GOING IN HOLE) & SPOT 80 GALS NEFE 15% HCL ACROSS PERFS 9965-10063'.
9. PU & SET PKR @ 9900'. TEST/HOLD BACKSIDE TO 500 PSIG.
10. ACIDIZE BONE SPRINGS FORMATION w/ 3200 GALS NEFE 15% HCL ACID w/ CLAY STABILIZERS @ 5-6 BPM USING 80 RCNBS (1.3 SG), MAX 5000 PSIG TP.

11. FLUSH w/ 60 bbls 2% KCL WTR.
12. OBTAIN ISIP @ 0, 5, 10, 15, & 30 MIN.
13. SWAB/FLOW WELL & EVALUATE RESULTS.
14. POH w/ 2-7/8" TBG.
15. RIH w/ 5" 15# TREATING PKR & 2 JTS 2-7/8" TBG ON 3-1/2" 9.3# TBG AND SET PKR IN 5" LNR TOP.
16. FRACTURE STIMULATE THE BONE SPRING PERFS DOWN 3-1/2" TBG @ 25 BPM w/ 60,000 GALS 40# CMHPG-TITANATE GELLED 2% KCL WTR, 69,000# 20/40 OTTAWA SD, & 60,000# RESIN COATED SD ACCORDING TO THE FOLLOWING PUMP SCHEDULE: (MAX. TREATING PRESS. : 8000 PSIG, EXPECTED TREATING PRESS. : 5800#)
 - a) 12,000 gal gel
 - b) 6,000 gal gel w/ 1 ppg 20/40 ottawa sd
 - c) 6,000 " " " 1.5 " " " "
 - d) 9,000 " " 2 " " " "
 - e) 12,000 " " 3 " " " "
 - f) 15,000 " " 4 " 20/40 resin coated sd.

FLUSH TO 100' ABOVE TOP PERF w/ 110 bbls 2% KCL WTR.
OPEN WELL ON SMALLEST CHOKE POSSIBLE TO RELIEVE PRESSURE OVERNIGHT.

GEL ADDITIVES

 - a) 2 gal/M clay stabilizer
 - b) non - emulsifier (vol. based on emulsion test)
17. POH w/ 3-1/2" TBG. RIH w/ BAILER ON SD LINE & CLEAN OUT FILL TO 11500'.
18. RIH w/ 2-7/8" MA, PERFD SUB, TAC, SN (SET @ 9900'), & FIH w/ 2-7/8" TBG.
19. RIH w/ 2.5 * 1.25 * 34' PUMP, 158 - 7/8" STEEL RODS, & 158 - 1.2" FIBERGLASS RODS.
20. RDMO PULLING UNIT.
21. TEST & EVALUATE. IF ZONE IS UNPRODUCTIVE, ADD GROUP TWO PERFS IN THE BONE SPRINGS FROM 8942-8964 OA. CONTACT OPERATIONS ENGINEERING FOR PROCEDURE.

KA CARWILE

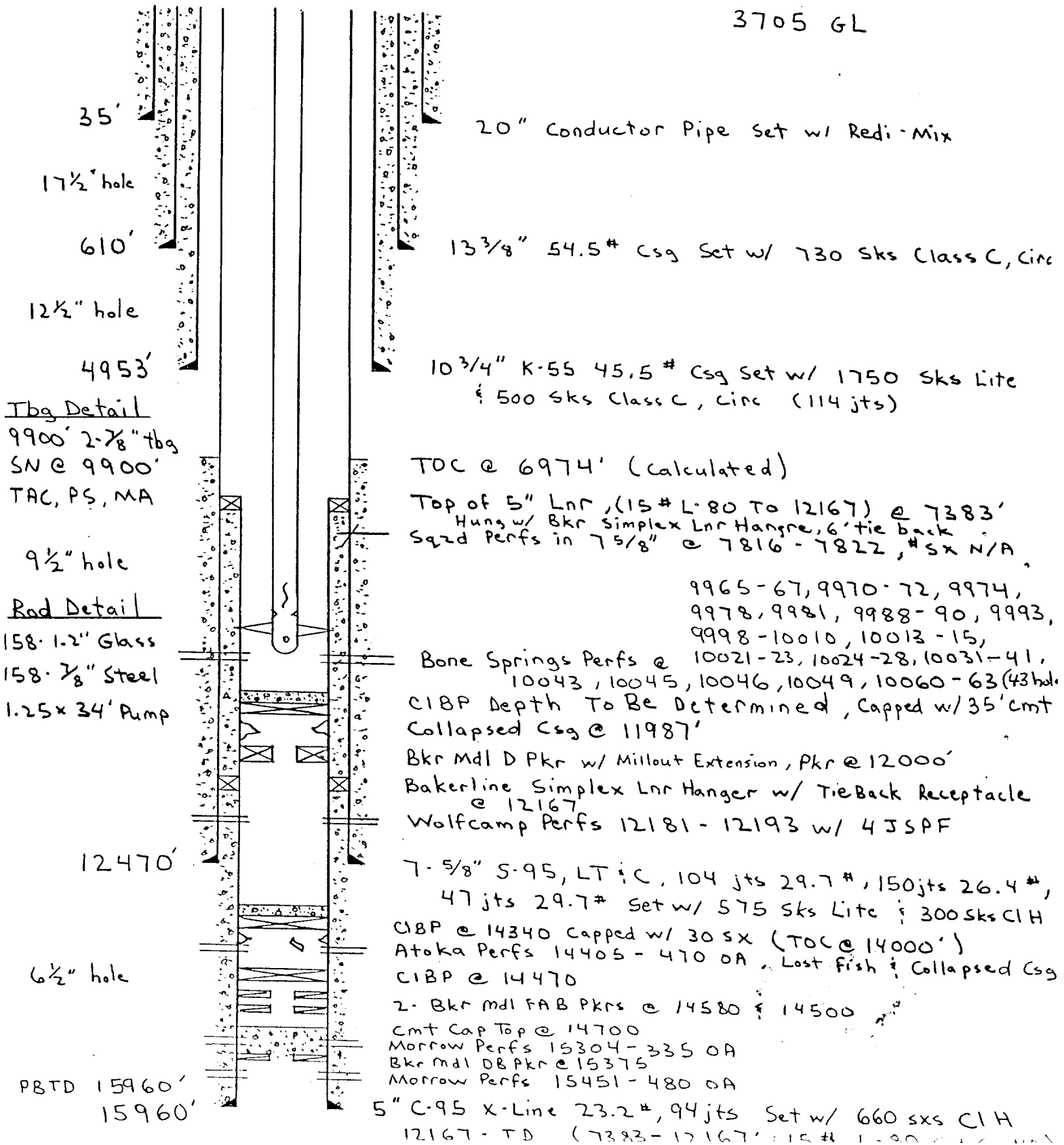
RECEIVED
JUN 17 1997
DCD
HOBBS OFFICE

Lease: Triste Dra Federal Well No. 1 Date: 5-12-87

Location: J-Sec 14-T23S-R32E By: KA Carwile

Subject: Proposed Well Completion

Elevation: 3731.5 KB (zero)
3730 DF
3705 GL



All distances must be from the outer boundaries of the Section.

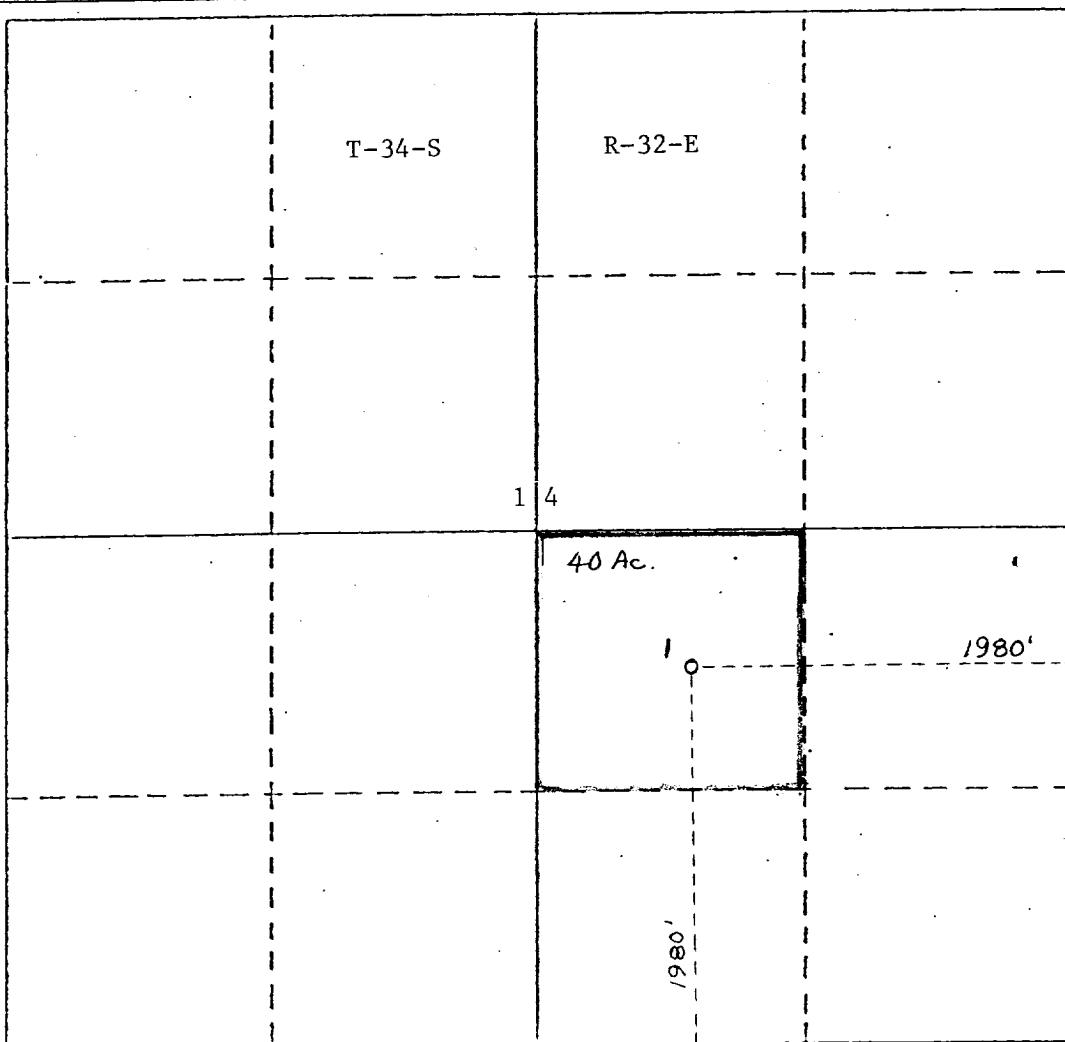
Operator Mobil Producing Tx. & N.M., Inc.		Lease Triste Draw Federal		Well No. 1
Unit Letter J	Section 14	Township 34-S	Range 32-E	County Lea
Actual Footage Location of Well: 1980 feet from the South line and 1980 feet from the East line				
Ground Level Elev. 3705'	Producing Formation Bone Spring	Pool Diamondtail	Dedicated Acreage: 40 Acres	

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

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

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

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



CERTIFICATION

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

C.A. Moore for

Name

M.E. Sweeney

Position

Env. & Reg. Manager

Company

Mobil Producing Tx. & N.M., Inc

Date

June 2, 1987

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

Date Surveyed

Registered Professional Engineer and/or Land Surveyor

Certificate No.

330 660 990 1320 1650 1980 2310 2640 2970 3300 3630 3960 4290 4620 4950 5280 5610 5940 6270 6600