

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

Form C-193
Revised 10-1-78

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DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

5a. Indicate Type of Lease	
State <input type="checkbox"/>	Fee <input checked="" type="checkbox"/>
5. State Oil & Gas Lease No.	
7. Unit Agreement Name	
8. Farm or Lease Name	
9. Well No.	
10. Field and Pool, or Wildcat	
12. County	

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR.
USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Name of Operator: Tenneco Oil Company

2. Address of Operator: P. O. Box 3249, Englewood, CO 80155

3. Location of Well: F 1703 FEET FROM THE N LINE AND 1850 FEET FROM THE W LINE, SECTION 15 TOWNSHIP 30N RANGE 8W NMPM.

15. Elevation (Show whether DF, RT, GR, etc.)
5760' GR

12. County
San Juan

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data
NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐
TEMPORARILY ABANDON ☐
PULL OR ALTER CASING ☐

PLUG AND ABANDON ☐
CHANGE PLANS ☐

REMEDIAL WORK ☐
COMMENCE DRILLING OPS. ☐
CASING TEST AND CEMENT JOBS ☐
OTHER ☐

ALTERING CASING ☐
PLUG AND ABANDONMENT ☐

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

Tenneco requests permission to restimulate the referenced well according to the attached detailed procedure.

RECEIVED
APR 03 1985
OIL CON. DIV.
DIST. 3

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

SIGNED Scott McKinnis TITLE Sr. Regulatory Analyst DATE 3/26/85

APPROVED BY Original Signed by FRANK T. CHAVEZ TITLE SUPERVISOR DISTRICT 3 DATE APR 03 1985

CONDITIONS OF APPROVAL, IF ANY:

209'

2728'

2975'

CURRENT
PERFS

4378'
4401'
4426'
4454'
4482'
4512'
4541'
4571'
4601'
4631'
4661'
4691'
4721'
4751'
4781'
4811'
4841'
4871'
4901'
4931'
4961'
4991'
5001'
5046'

LEASE Florance

WELL NO. 32A

9 5/8" OD, 36 LB, K-55 CSG.W/ 200 SX

TOC @ Surface

7" OD, 23 LB, K-55 CSG.W/ 375 SX

TOC @ Surface

4 1/2" OD, 10.5 LB, K-55 CSG.W/ 245 SX

TOC @ Top of Liner

DETAILED PROCEDURE:

1. MIRUSU. Kill well w/ 1% KCL wtr. NDWH, NUBOP.
2. POOH 2-3/8" tbg. RIH w/ tbg and 3 7/8" bit and DO to 5020.
3. Perf MV (Point Lookout) w/ 3 1/8" premium csg gun & 2 JSPF as follows:

4779-84	4860-63	4952-54
4814-42	4874	4998-5002
	4904-06	

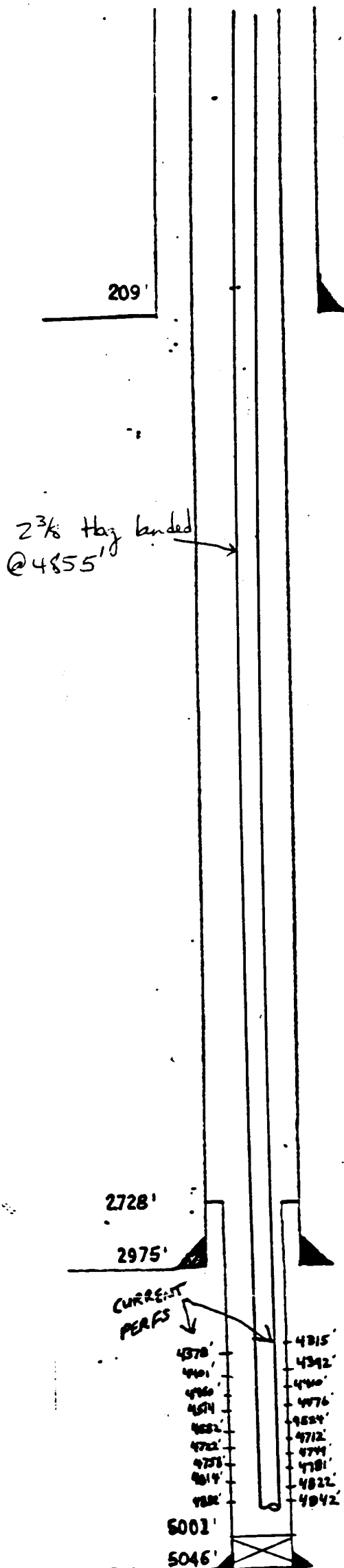
For a total of 45' & 90 holes
4. Acidize Point Lookout dn csg. w/ 1000 gals 15% weighted HCl & 135 - 1.1 s.g. balls. Run 15 balls ahead of acid.
5. Roundtrip WL junk basket to knock balls off perfs.
6. Frac Point Lookout w/ 1% KCl wtr containing friction reducer & 12/20 sd as follows:

37,000 gal pad
10,000 gal w/.5 ppg
10,000 gal w/1.0 ppg
10,000 gal w/1.5 ppg
42,000 gal w/2.0 ppg
Total = 109,000 gal wtr
114,000 # 12/20 sd

Desired rate = 90 bpm. Flush 10 BBL shy of top perf.
7. RIH w/ WL set. RBP & set @ 4440'.
8. RIH w/ tbg & 4-1/2 pkr to RBP. pressure test RBP to 2500 psi. Circ 2 sx sd on RBP. POOH w/ pkr.
9. Perf Cliffhouse w/ 3-1/8" premium charge csg gun and 1 JSPF as follows:

4312-22'	10'
4338-40'	2'
4346-50'	4'
4376-84'	8'
4392-4412'	20'

For a total of 44' & 44 holes.
10. Acidize Cliffhouse perfs w/ 1000 gals 15% weighted HCl & 66 - 1.1 s. g. balls.
11. Roundtrip WL junk basket to knock balls off perfs.



12. Frac Cliffhouse w/ 1% KCl wtr containing friction reducer & 12/20 sd as follows:

35,000 gal pad
 12,000 gal w/ .5 ppg
 12,000 gal w/1.0 ppg
 12,000 gal w/1.5 ppg
 32,000 gal w/2.0 ppg
 Flush to 10 BBL shy of top of perf
 Totals = 103,000 gal
 100,000 # 12/20 sd

Desired Rate = 90 BPM

13. RIH w/ tbg & Ret. Head. CO to RBP w/ foam. Latch RBP & POOH. RIH w/ tbg to 4500'.
14. Flow MV to clean up. Flow test MV into line.

Chacra Completion:

15. Kill well w/ 2% KCl wtr. & POOH w/tbg
16. RIH w/ WL set Baker 4 1/2" RBP & set @ 4250'. Dump 2 sx sd on RBP & load hole w/ 2% KCl wtr. PT to 2500 psi.

17. Perf Chacra w/3 1/8" premium charge csg gun & 2 JSPF as follows:
 4084-90' 6'
 4213-18' 5'

For a total of 11' and 22 holes

18. RIH w/4 1/2 fullbore pkr & 2-3/8" tbg to 4150'. Spot 200 gals 15% HCl in annulus. Set pkr.

19. Acidize 4213-18' dn tbg w/ 200 gals 15% weighted HCl & 8 - 1.1 s.g. balls. Breakdown perfs on backside & displace acid into perfs.

20. RIH w/pkr to knock balls off. Unload hole w/N2. POOH w/tbg. & pkr.

21. Frac Chacra dn csg. w/ 70% foamed 2% KCl wtr & 20/40 sd as follows:

13,000 gal pad
 5,000 gal w/1.0 ppg. 20/40
 10,000 gal w/2.0 ppg. 20/40
 15,000 gal w/3.0 ppg. 20/40
 9,000 gal w/4.0 ppg. 20/40

Flush to top perf w/ foam

Totals = 55,500 gal foam

106,000 # 20/40 sd (sd concentrations are down hole) Rate = 20 BPM

3979

LEASE Florance

WELL NO. 32A

9 5/8 "OD, 36 LB, K-55 CSG.W/ 200 SX

TOC @ surface

7 "OD, 23 LB, K-55 CSG.W/ 375 SX

TOC @ surface

4 1/2 "OD, 10.5 & 11.6 LB, K-55 CSG.W/ 245 SX

TOC @ T.O.L.

DETAILED PROCEDURE:

22. Flow well back thru 1/2" choke after equipment leaves location.
 23. Kill well w/ 2% wtr.
 24. RIH w/tbg CO to RBP @ 4250' w/ foam. PU and land tbg @ 4150'. NDBOP NUWH RDMOSU Flow test Chacra.
 25. MIRUSU Kill well w/2% KCl wtr.
 26. NDWH NUBOP POOH w/ 2 3/8" tbg.
 27. RIH w/retrieving head on 2-3/8" tbg. CO to RBP w/foam. Latch & POOH w/ RBP.
 28. RIH w/ tbg and CO to PBTD w/ foam.
 29. Land tbg @ 4700'
 30. NDBOP NUWH Swab well in if necessary.
 31. FTCU.
- 3920

2 3/8" tbg landed
@ 4855'

2728'

2975'

CURRENT
PERFS

4378'
4401'
4466'
4514'
4682'
4722'
4758'
4814'
4822'

4815'
4842'
4960'
4976'
4984'
4992'
4994'
4998'
4999'
4999'

5001'

5046'