

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-103
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 Davis
9. Well No. 1
10. Field and Pool, or Wildcat Blanco Pictured Cliffs
12. County San Juan

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. OIL ☐ GAS ☒ WELL OTHER-
2. Name of Operator
Tenneco Oil Company
3. Address of Operator
P.O. Box 3249, Englewood, CO 80155
4. Location of Well
UNIT LETTER E 1570 FEET FROM THE North LINE AND 900 FEET FROM
THE West LINE, SECTION 23 TOWNSHIP 32N RANGE 11W NMPM.

15. Elevation (Show whether DF, RT, GR, etc.)
6319' GR

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <u>Well Completion Work</u> <input type="checkbox"/>	CASING TEST AND CEMENT JOBS <input type="checkbox"/>	OTHER <input type="checkbox"/>

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 complete the referenced well according to the attached detail procedures.

RECEIVED
NOV 20 1987
OIL CON. DIV.
DIST. 3

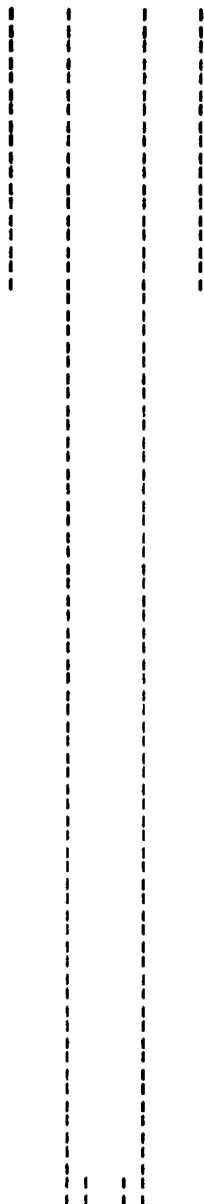
18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED David Hiatt TITLE Sr. Administrative Analyst DATE 11/13/87
Original Signed by FRANK T. CHAVEZ
APPROVED BY FRANK T. CHAVEZ TITLE SUPERVISOR DISTRICT # 3 DATE NOV 20 1987
CONDITIONS OF APPROVAL, IF ANY:

TENNECO OIL COMPANY
ROCKY MOUNTIAN DIVISION - WELL SCHEMATIC AT DRILLING RIG RELEASE

WELL NAME: DAVIS 1
LOCATION: SEC. 23, T31N, R10W
COUNTY: SAN JUAN STATE: N. MEX.

SPUD DATE: 26-OCT-87
DEPTH: 3240'
PREPARED BY: J.C.E.



282 FEET

.....SURFACE CASING.....
8 5/8 INCH 32 #/FT, K-55 ST&C
LANDED @ 282 FT, INSERT AT 262'
CMTD W/ 200 SX (236 cu ft)
CLASS B PLUS 1/4 #/sx cello-flake +
2 % CaCl

PLUG DID NOT BUMP FLOAT DID NOT HOLD.
6 BBLs CMT TO SURF, CMT TOP @ SURFACE

...PRODUCTION/INTERMEDIATE CASING....
4 1/2 INCH 11.6 #/FT K-55

LANDED @ 3232 FT, FLOAT AT 3188 FT.

CEMENTED AS FOLLOWS:
LEAD CEMENT: 750 sx.(1275) CUBIC FT.
65/35 POZ PLUS 6% GEL + 5 #/SX GILSON¹⁰
+ .8 % D-112 +.5 % D65

TAIL CEMENT: 150 sx.(177) CUBIC FT.
CLASS B PLUS 1 % D160

PLUG BUMPED TO 500 psi, FLOAT HELD-NO
0 BBLs CMT TO SURF

GOOD RETURNS PRIOR TO CEMENTING AND
WHILE DRILLING. LOST RETURNS WITH 60
BBLs CEMENT PUMPED, REGAINED RETURNS
WITH 100 BBLs PUMPED, LOST RETURNS WI
180 BBLs CMT PUMPED.

3,188 FEET
3,232 FEET

LEASE Davis
WELL NO. #1

CASING:

8 5/8 "OD, 32 LB, K-55 CSG/W 200 SX

TOC @ circ. HOLE SIZE 12 1/4 DT:

REMARKS

4 1/2 "OD, 11.6 LB, K-55 CSG/W 900 SX

TOC @ . HOLE SIZE 7 7/8 DT: 10/31/87

REMARKS Loss circ. FC failed

 "OD, LB, CSG.W/ SX

TOC @ . HOLE SIZE DATE

REMARKS

DETAILED PROCEDURE:

1. MIRUSU. NDWH. NUBOP. RIH w/3 7/8 bit on 2-3/8 tbg. DO cmt to 3188'. PT csg to **2000** psi. Spot 500 gal 7-1/2% DI @ 3111'. POOH w/tbg.
2. MIRU Gearhart. Run CBL/GR/CCL from PBTD to TOC. Run CBL w/2000 psi on csg. PT csg to 3500#.
3. RIH w/3-1/8 csg gun loaded w/2-.42" JSPF. Perforate the following interval
3086-3111 25
3062-3083 21
46', 92 holes
Tie into GO GR/CDL/CAL dated 10/30/87 for depth control.
4. RIH w/tbg & pkr, set pkr @ 2950'. Est rate into perfs w/ KCL.
5. MIRU Service Co. Acidize perfs w/1000 gals 15% HCL foamed to 70Q. Flush to perfs w/foam. Pump @ 10 BPM and 4000 psi max. Flow well back and test. Record rates and call Denver.
6. Slick wtr fracture treat as follows:
20,000 gal pad
6,000 gal 1/2 ppg 20/40
8,000 gal 1 ppg 20/40
10,000 gal 1 1/2 ppg 20/40
23,000 gal 2 ppg 20/40
Flush to top perf w/slick wtr.
Total 67,000 gal
72,000 #20/40 sand
Pump all fluids @ 50 BPM and 4000 psi max pressure. SI over night if positive pressure. If on vacuum, proceed to next step ASAP after frac trucks clear.

DAVIS #1

DETAILED PROCEDURE CONTINUED

7. RIH w/ Model CRBP on 2-3/8" tbg. Set RBP @ 2500'. PT plug to 2500 psi. POOH. Cap w/snd.
8. RIH w/ 3-1/8 gun and shoot 4-way squeeze shot @ approx. 1700' or 50' above TOC. Est circ w/ KCL.
9. MIRU Dowell. Squeeze w/ 150 sx 65/35 Poz followed by 50 sx Class B cmt to contain the following:

150 sx 65/35 Poz	50 sx Class B
6% gel	.8% D-60 (FL)
5# D-112 (FL)	.75% D-65 (Disp.)
wtr 8.6 gal/sx	Wtr 5.2 gal/sx
12.7 ppg 1.74 yield	15.6 ppg 1.18 yield

Displace to within 100' of squeeze shot.
10. TIH w/bit on 2-3/8" tbg. DO cmt. PT to 500 psi. POOH w/tbg.
11. RIH w/retrieving head on 2-3/8" tbg. Circ sand off RBP. POOH w/plug. LD 2-3/8 tbg.
12. RIH w/1 1/4" tbg. CO sand to PBTD. PUH land tbg @ 3,000'. NDBOP. NUWH. Swab well in and test.
13. SI for AOF.