

12/11/79

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DATE	
U.S.	
FIELD OFFICE	
OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103, 9
Supersedes Old
C-102 and C-103
Effective 1-1-65

5a. Indicate Type of Lease
State Fee
5. State Oil & Gas Lease No.

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 - 1" (FORM C-101) FOR SUCH PROPOSALS.

OIL WELL <input checked="" type="checkbox"/>	GAS WELL <input type="checkbox"/>	OTHER <input type="checkbox"/>	7. Unit Agreement Name
Name of Operator Shell Oil Company			8. Farm or Lease Name Taylor Glenn
Address of Operator P. O. Box 991, Houston, TX 77001			9. Well No. 4
Location of Well UNIT LETTER <u>I</u> <u>3376</u> FEET FROM THE <u>North</u> LINE AND <u>764</u> FEET FROM THE <u>East</u> LINE, SECTION <u>3</u> TOWNSHIP <u>21S</u> RANGE <u>37E</u> N.M.P.M.			10. Field and Pool, or Wildcat Drinkard Hare McKee
15. Elevation (Show whether DF, RT, GR, etc.) 3495' DF			12. County Lea

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

OTHER

PLUG AND ABANDON

CHANGE PLANS

SUBSEQUENT REPORT OF:

REMEDIAL WORK

COMMENCE DRILLING OPNS.

CASING TEST AND CEMENT JOB

OTHER Set pump and OPT

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.

- 8/09-8/14 Pulled prod. equipment. Ran hydrostatic bailer and cleaned out sand to 8100'.
- 8-15-79 Ran RBF & FBRC on 3 1/2" frac tbg. Set RBP @ 8095' + pkr @8005'.
- 8-16 -79 Ran tem. base log. Ppd. 1000 gals. 15% NEA & press'd up to 6000 psi. Strong blow on csg. indicating tbg. leak or pkr. failure.
- 8-17-79: Ran (Baker) FBRC on 3 1/2" frac tbg & set @ 7670' - tested to 8000 psi. Loaded csg w/crude oil & press'd to 500 psi. Frac treated Hare-McKee perms as follows: Ppd 2000 gals 15% HCl @ 5000 psi @ 15 BPM. Ppd 7000 gals gelled lease crude @ 4300 psi @ 23 BPM. Ppd 2000 gals gelled lease crude w/1#/gal 20-40-mesh sd. Ppd 2000 gals gelled lease crude w/1 1/4#/gal 20-40-mesh sd @ 3900 psi @ 24 BPM. Ppd 2000 gals lease crude w/1 1/2#/gal 20-40-mesh sd. Ppd 2000 gals lease crude w/1 3/4#/gal 20-40-mesh sd @ 3750 psi @ 25 BPM. Ppd 4000 gals lease crude w/2#/gal 20-40-mesh sd @ 3800 psi & 25 BPM. Ppd flush @ 5500 psi @ 19 BPM. ISIP 2500 psi, 5-min SIP 2000 psi, 10-min SIP 1550 psi, 15-min SIP 900 psi. AIR 21 BPM. Max press 5500 psi, AIP 4200 psi. RU (Cardinal Survey) & ran temp survey - found major frac entry @ 7804-7888'. RD (Cardinal). (continued on back)

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

SIGNED A. J. Fore TITLE Sr. Eng. Techn. DATE December 10, 1979

APPROVED BY Jerry Sexton TITLE Dist. Supv. DATE DEC 18 1979

Ppd 2nd stage as follows: 5000 block (200# benzoic acid f. & 300# mothb. ls in 1000 gals acid) @ 500 p. 8 BPM, 7000 gals gelled lea crude PAD @ 4400 psi @ 18 BPM, 2000 gals gelled crude w/1#/gal 20-40-mesh sd @ 4800 psi @ 19.5 BPM, 2000 gals w/1 1/4#/gal 20-40-mesh sd, 2000 gals w/1 gal 20-40-mesh sd @ 4500 psi & 20 BPM, 2000 gals w/1 3/4#/gal 20-40-mesh sd @ 4600 psi @ 20.5 BPM, 2000 gals gelled crude w/1 3/4#/gal 20-40-mesh sd @ 4700 psi @ 20 BPM, 4000 gals gelled crude w/2#/gal 20-40-mesh sd @ 4900 psi & 19 BPM. Ppd flush @ 550 psi & 18.5 BPM. ISIP 2700 psi, 15-min SIP 1850 psi, AIF 18.3 BPM, max press 5500 psi, avg press 4700 psi. SI well w/1600 psi. RD (Dowell). SDON.

8-18-79: Tbg on vac. Released pkr. Pld & laid dwn 3 1/2" frac tbg. Ran 2 1/2" x 28' 8rd OPMA perf'd top 2' + 1 - 2 1/2" 8rd x 2" EUE 8rd changeover nipple + 2" SN + 253 jts (7985') 2 3/8" 8rd tbg, tbg hung @ 7994'; SN @ 7966'. Ran 2" x 1 1/2" x 18' (Pacific) pump on 217 - 3/4" & 92 - 7/8" rds. Hung on production.

8-19-79 24 hrs. ppd. 46 BO + 14 BW Total load oil 1477 BO

8-20-79 24 hrs ppd. 20 BO + 5 BW 1236 BOUL

8-21-79 24 hrs ppd. 16 BO & 4 BW 1220 BOUL

Wait until well stabilizes

10-30-79 OPT In 24 hrs. ppd. 48 BO & 2 BW
API Gravity 43 @ 60° Gas rate 38 MCFPD

RECEIVED

DEC 17 1979

OIL CONSERVATION DIV