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NEW MEXICO OIL CONSERVATION COMMISSION

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

SUNDY NOTICES AND REPORTS ON WELLS <small>DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO RE-ENTER OR RE-LOG TO A DIFFERENT RESERVOIR. USE APPLICATION FOR PERMIT TO DRILL (C-101), FOR RE-ENTRY (C-102), OR FOR RE-LOGGING (C-103).</small>		5a. Indicate Type of Lease State <input type="checkbox"/> Fee <input checked="" type="checkbox"/>
5. State Oil & Gas Lease No.		6. Name of Lease Owner Santa Fe Pacific
7. Unit Agreement Date		8. Well No. 2
9. Field and Pool, or Wildcat Crossroads Devonian		10. County Lea
11. Elevation (Show whether DF, RT, GR, etc.)		12. County Lea

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"/> TEMPORARILY ABANDON <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> OTHER <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/> OTHER <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/> COMMENCE DRILLING OPS. <input type="checkbox"/> CASING TEST AND CEMENT JOB <input type="checkbox"/> OTHER <input checked="" type="checkbox"/>	ALTERING CASING <input type="checkbox"/> PLUG AND ABANDONMENT <input type="checkbox"/> OTHER <input checked="" type="checkbox"/>

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.

9-28-81 12,183 TD, 12,167 PBTD, Dev 12,140-160. MIRU Permian WS Ut, NU BOP, POH w/132 jts 3-1/2 8rt EUE tbg 4071' OE, unload & rack 386 jts 2-3/8 N80 work tbg, started in hole 8-1/2 retip bit, 9-5/8 csg scpr, 78 jts 2-3/8 tbg.

9-29-81 Fin GIH w/bit & scpr to top of 5-1/2 liner @ 4557, POH, WIC w/4-5/8 bit, 5-1/2 csg scrp on 2-3/8 tbg, tag solids in 5-1/2 @ 4736, drlg 4736-37 1/2 hrs.

9-30-81 POH w/bit, WIH w/4-1/2 LIB on 2-3/8 tbg, tag btm @ 4737, POH, ind on blk of Reda Cable bands, WIH w/4-5/8 CB mill, 4 - 3-1/2 cols to 4737, milled 4737-39 1/2-1 1/2 hrs & fell free, ran mill to 4850, POH w/mill, WIH w/4-5/8 bit, 4 - 3-1/2 cols to 5053.

10-1-81 Fin GIH w/bit to 11,970', short on 2-3/8" tbg 325'.

10-2-81 Fin GIH w/bit to 12,164 on 2-3/8 & 2-7/8 tbg, all perfs were clear, POH, GIH w/5-1/2 RBP & pkr to 11,863.

10-3-81 Fin GIH w/pkr & RBP to 12,135, Zone perf ran GR-Col tool & stop @ 4150, stop on scale, pull tbg up & CO plug & reran tbg, then Zone ran GR-Col log 12,135-12,000 & correl to Lane Wells GR-Comp N log date 11/6/63, set RBP @ 12,135 & test to 1000/ok, pull 8 jts tbg.

10-5-81 WIH w/5-1/2 pkr on 2-3/8 tbg to 12,129, Acid Engr loaded csg w/165 BFW, spotted 500 gals 15% DINE wtd HCL acid 12,125-11,625, POH, Zone perfs ran 4" perf gun stuck @ 5720, work free 1-1/2 hrs, POH w/gun.

(Cont'd on back)

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

Signed: Sammy A. Hartz TITLE Authorized Agent DATE 11-16-81

APPROVED BY: _____ TITLE: _____ DATE: _____

CONDITIONS OF APPROVAL, IF ANY:

17. Cont'd)

- 10-6-81 Zone perfs ran 3-1/8" gun, perf 5-1/2" csg. Dev zone 1 JSPF 11,999-12,026, 12,109-12,129, Corr to Lane well GR/CNL 11-7-63, WIH w/BP ret head, 5-1/2" Baker "R" pkr on 2-3/8" tbg to 11,864'. Acid engr load csg & press 800, attempt to acidize, after pumping 200 gals acid, press 2000. tbg & csg communicated, rev circ out acid.
- 10-8-81 Western Co. spotted acid to 11,864', closed by pass on pkr., press csg 1000, acidized Dev perfs 11,999-12,129', 45 holes w/2000 gals 15% NE Fe HCL, treating press max 6200@ 1 BPM, tbg & csg comm open by pass, rev circ out 38 bbl acid.
- 10-9-81 POH w/pkr WIH w/new pkr on 2-3/8 tbg, set pkr @ 11,864' press test tbg 6000 found 3 col leaks.
- 10-11-81 Western Co. attempted to acidize Dev. Perfs, w/6000 gals, 15% NEA Fe, pump 500 gal into perfs @ 3 BPM @ 6400 psi, rev out acid, POH w/pkr.
- 10-12-81 GIH w/4-5/8" bit, 5-1/2" CS & 2-3/8" tbg to 12,130 & C/O 5' fill up to 12,135, displ csg w/520 bbl 2% KCl wtr, Western Co. spot 500 gal 15% NEA DIFe 12,130-11,625, Pull 96 jts 2-3/8" tbg.
- 10-13-81 POH w/2-3/8 tbg & bit, Zone Perf co reperf 5-1/2 liner in Dev form w/1 JSPF 11,999-12,026 & 12,109-12,129, 49 holes, GIH w/Baker Model R pkr w/ret head & SN & 106 jts 2-3/8 tbg.
- 10-14-81 Fin GIH w/Baker 5-1/2" pkr to 12,100, HT in w/7000 psi & had 57 collar leaks, rig up Western Co & equip fail, rev out acid.
- 10-15-81 Western Co spot 168 gal 15% NEA over Dev perfs 11,999-12,129, set pkr @ 11,915, press annl to 1000/ok, attm to acidize Dev perfs 11,999-12,129 w/6000 gal 15% NEA, press tbg to 6500 for 1-1/2 hrs & would not pump in, rev out acid, attm to rel RBP @ 12,135 for 4 hrs, no success.
- 10-16-81 12,183 TD, 12,167 PBD, Dev 11,999-12,160. POH & Tbg had parted, rec 63 jts 2-3/8 tbg & 29' piece = 2015', GIH w/5-3/4 OS w/7-1/2 guide & 3-1/16 grapple & catch fish POH & had all w5-3/4 OS w/7-1/2 guide & 3-1/16 grapple & catch fish, POH & had all of fish, go back in hole to RBP @ 12,135 & attempt to rel RBP for 1 hr, no success, tbg parted, POH w/63 jts tbg & 2' piece = 1986'.
- 10-17 &
- 18-81 GIH w/5-3/4" OS w/2-3/8 grapple on 2-3/8 tbg & catch tbg @ 2000, rel off RBP, pull tbg up to OS & replace bad jt & reran tbg & latch on RBP, pull tbg up to OS & replace bad jt & reran tbg & latch on RBP, pull to 65,000 one time & tbg parted, POH w/72 jts & 2' piece = 2198', reran OS to 2200 & caught fish, attempt to rel from RBP, had 10,000# drag while POH & did not rec RBP.
- 10-19-81 GIH & pull & LD 12,000' of 2-3/8 rbg, change rams in BOP.
- 10-20-81 Unload 376 jts 2-7/8" 8.7# P105 tbg, PU & ran ret head, jars & 145 jts 2-7/8 tbg.
- 10-21-81 GIH w/total of 359 jts 2-7/8" 8.7# P105 & ret head to 11,920.
- 10-22-81 GIH w/ret head, Western Co circ csg clean, catch RBP @ 12,135, jar 1/2 hr & came loose, now POH w/RBP.
- 10-23-81 Fin POH w/RBP, GIH w/Baker 5-1/2" Model R pkr & SN on 360 jts 2-7/8 tbg to 11,960.
- 10-24 &
- 25-81 Set pkr @ 11,960, Western Co load annulus w/145 bbls 2% KCl wtr & press to 1000, then acidize Dev perfs 11,999-12,160 w/6000 gals 15% NEA Fe + 50 RCNBS, TTP 4500-4000, AIR 9 BPM, no ball action, ISDIP vac, Job Compl @ 10 AM 10-24-81, pull & LD 2-7/8" tbg & pkr.
- 10-26-81 ND BOP, NU wellhead, WIH w/97' x 5.40" Recla pump, set pump @ 4088-4185, 1'x3-1/2 ck valve @ 4087, 6'x3-1/2 sub, 2 jts 3-1/2 EUE 8 RT tbg, 1'x3-1/2 knockout plug w/no cross pen @ 4020, 130 jts 3-1/2 EUE 8 RT rbg, Cable Serv Co placed 2 monel bans per jt tbg, NU wellhead & flowline, turn pump on, fluid to surf 3 min, shut pump off, rel well to Prod & Permian Well Serv Ut @ 5 PM 10-26-81.
- 10-27 -
- 11-5-81 Testing Well Production.
- 11-6-81 NM OCD POT P 102 BNO + 7416 BSW/24 hrs w/260 HP 140 stage Reda pump, GOR 117/1, Grav 44.4 @ 60, Allow 102, TA 540, compl 10-28-81. Before WO: 50 BO + 6580 BW.
- FINAL REPORT.