

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.B.	
LAND OFFICE	
OPERATOR	

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

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐	7. Unit Agreement Name
2. Name of Operator Sun Exploration and Production Company	8. Farm or Lease Name State Land 15
3. Address of Operator P.O. Box 1861, Midland, Texas 79702	9. Well No. 3
4. Location of Well UNIT LETTER 0 1980 FEET FROM THE East LINE AND 660 FEET FROM THE South LINE, SECTION 16 TOWNSHIP 21-S RANGE 37-E NMPM.	10. Field and Pool, or Wildcat Blinbry Oil & Gas
15. Elevation (Show whether DF, RT, GR, etc.)	12. County Lea

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data			
NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	PLUG AND ABANDONMENT ☐
PULL OR ALTER CASING ☐	OTHER ☒ Add Perfs	CASING TEST AND CEMENT JOBS ☐	OTHER ☐

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.

- MIRU WO rig. Install BOP. POH w/2-1/16" tbg and pkr.
- RIH w/4-3/4" bit and scraper on 2-7/8, N-80 WS and CO hole to 6350. POH w/WS, bit and scraper.
- RIH w/CIBP on WL and set at ±6350. Dump 2 sx cmt on top.
- Perf Set I, 5882-94 and 5908-64 w/1 JSP2F (36 holes) w/4" CG, 23 GC by 1947 Lane radioactivity log.
- RIH w/5½" RDG pkr & SN on 2-7/8" WS. Spot 2 bbls 15% NE acid 5964-5880 (use spot valve if necessary). Set pkr at 5800. Howco acdz perfs w/4,000 gals 15% NE acid and 54 RCN ball sealers. Flush w/2% KCL wtr. Pump @ 2-3 BPM. Max allow. press 5000 psi.
*Note: On all treatments of Set I & II, close attention should be paid to annulus load & csg pressure for possible communication.
- Swab back load and evaluate fluid entry. If zone is oil productive, proceed to Step 7. If zone is water productive, proceed to Step 8.

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

SIGNED Dee Ann Kemp TITLE Sr. Accounting Asst. DATE 2-13-84

ORIGINAL SIGNED BY JERRY SEXTON
DISTRICT I SUPERVISOR

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

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7. Lwr pkr thru perfs. POH w/WS and pkr. RIH w/WS, pkr and RBP. Set RBP at 5875 & test to 2000 psi. POH w/WS. Go to Step 9.
8. Establish injection rate into Set I perfs. POH. RIH & set cmt retainer at 5870 and squeeze w/amount and type of cmt to be determined by injection rate. POH.
9. Perf Set II, 5812-22, 5838-44, 5852-56, 5860-64 w/1 JSP2F (16 holes) w/4" CG, 23 GC by 1947 Lane radioactivity log.
10. RIH w/pkr & SN on 2-7/8" WS. Spot 2 bbls 15% NE acid 5864-5780. Set pkr at 5755 Howco acidz perfs w/3,500 gals 15% NE acid and 24 RCN ball sealers. Pump @ 2-3 BPM. Flush w/2% KCL wtr. Max allow press 5000 psi.
11. Swab back load and evaluate fluid entry.
12. Lower pkr thru perfs. If Set I perfs were squeezed, go to Step 16.
13. Circ balls off RBP. Rise & lower RBP to 6000 & test. Dump 2 sx sd on top or RBP. Reset pkr at 5755.
14. Howco frac Set I and II perfs w/60,000 gals Pur-gel 30 and 85,500 lbs 20/40 sd at 30 BPM (do not exceed 5400 psi) as follows:
 - A. Pump 2000 gals pre-pad
 - B. Pump 15000 gals Pur-gel 30 pad.
 - C. Pump 2000 gals Pur-gel 30 w/0.5 PPG 20/40 mesh sd.
 - D. Pump 6000 gals Pur-gel 30 w/1.0 PPG 20/40 mesh sd.
 - E. Pump 8000 gals Pur-gel 30 w/1.5 PPG 20/40 mesh sd.
 - F. Pump 12000 gals Pur-gel 30 w/2.0 PPG 20/40 mesh sd.
 - G. Pump 17000 gals Pur-gel 30 w/2.5 PPG sd.
 - H. Flush to top perfs w/2% KCL water.
15. Swab back load and determine fluid entry and content. Release pkr and circulate sd off RBP. Reset RBP at 5775 and test. Go to Step 20.
16. Reset pkr at 5755.
17. Frac Set II perfs w/30,000 gals Pur-gel 30 and 42,000 lbs 20/40 mesh sand at 20 BPM (do not exceed 5400 psi) as follows:
 - A. Pump 2000 gals pre-pad.
 - B. Pump 7500 gals Pur-gel 30 pad.
 - C. Pump 1500 gals Pur-gel 30 w/0.5 PPG 20/40 mesh sd.
 - D. Pump 2500 gals Pur-gel 30 w/1.0 PPG 20/40 mesh sd.
 - E. Pump 3500 gals Pur-gel 30 w/1.5 PPG 20/40 mesh sd.
 - F. Pump 8000 gals Pur-gel 30 w/2.0 PPG 20/40 mesh sd.
 - G. Pump 7000 gals Pur-gel 30 w/2.5 PPG 20/40 mesh sd.
 - H. Flush to top of perfs w/2% KCL water.
18. Swab back load and determine fluid entry and content. POH w/WS and pkr.
19. RIH w/WS, pkr and RBP. Set RBP at 5775 and test.
20. Spot 4½ bbls 15% NE acid 5750-5560. PUH and set pkr at 5500. Trap 500 psi on annulus. Howco acidz perfs 5575-5700 and 5720-5750 at 4-5 BPM (max 5000 psi) as follows:
 - A. Pump 3000 gals 15% NE acid
 - B. Pump 500 gals gelled brine w/500 lbs TBA-110.
 - C. Pump 3000 gals 15% NE acid
 - D. Pump 500 gals gelled brine w/500 lbs TBA-110.
 - E. Pump 4000 gals 15% NE acid.
 - F. Flush to perfs w/2% KCL water.

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21. Swab back load. Evaluate FE.
22. POH w/WS, pkr and RBP. RIH w/2-3/8 J-55 production string. Specific pumping instructions will be issued after evaluation of FE.

Acid additives/1000 gals

- 1 gal HAI-55 (inhibitor)
- 3 gals Losurf-259 (Ne agent)

Pur-gel 30/1000 gals

- 167 lbs KCL
- 30 lbs WG-18 (gelling agent)
- 0.6 gals CL-19 (crosslinker)
- 5 lbs BA-10 (pH buffer)
- 2.5 lbs BA-2 (pH buffer)
- 1 gal Losurf-259 (Ne agent)
- 20 lbs Adomite Aqua (fluid loss)
- 1 lb GBW-3 Breaker

Pre-pad and gelled brine/1000 gals

- 167 lbs KCL (pre-pad only)
- 30 lbs WG-18 (gelling agent)
- 1 gal Losurf-259 (Ne agent)