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5A. Indicate Type of Lease
STATE ☐ FEE ☒

5. State Oil & Gas Lease No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work b. Type of Well OIL WELL ☒ GAS WELL ☐ OTHER ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐		7. Unit Agreement Name	
2. Name of Operator Sun Exploration and Production Co.		8. Farm or Lease Name Walter Lynch	
3. Address of Operator P.O. Box 1861, Midland, Texas 79702-1861		9. Well No. 2	
4. Location of Well UNIT LETTER <u>L</u> LOCATED <u>1980</u> FEET FROM THE <u>South</u> LINE AND <u>600</u> FEET FROM THE <u>West</u> LINE OF SEC. <u>1</u> TWP. <u>22</u> RGE. <u>37</u> NMPM		10. Field and Pool, or Wildcat <u>Drinkard/Wantz Granit</u> <u>Wash Paddock</u> <u>San Andres</u>	
11. Elevations (show whether DF, RT, etc.) 3364' KB		12. County Lea	
21A. Kind & Status Plug. Bond -----		19. Proposed Depth 6500'± CIBP	
21B. Drilling Contractor -----		19A. Formation San Andres	
22. Approx. Date Work will start ASAP		20. Rotary or C.T. -----	

23.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17 1/2	13 3/8	40	338	350 Sxs	
12 1/4	9 5/8	36	2854	2100 Sxs	
7 7/8	7	23	5217	350 Sxs	

1. MIRU. POH w/dual rodstrings & pumps. NU BOP. Pump 10# brine down lwr tbg string (TD to 6500').
2. POH w/short string 2-3/8 tbg, visually inspect. Rlse 5" Otis Perma-latch pkr @ 6477' & POH w/pkr & 2-3/8 tbg, visually inspect.
3. Run gauge ring & junk basket. RIH w/5" CIBP on WL & set @ 6500'±. Dump 2 sx cmt on CIBP.
4. RIH w/7" cmt ret. on 2-3/8 tbg to 4850'±, circ hole w/10# brine. Set retainer, trap 500 psi on annulus. Halliburton squeeze Paddock perfs (5018-5160') w/100 sx Class 'C' cmt w/fluid loss additive + 100 sx 'C' Neat cmt. Snap out of retainer, lve 5 sx cmt on top. POH.
5. Dresser perf San Andres Set I 4286-4320', 1 JSPF, 35 holes w/4" Jumbo Jet CG, NCF VI 22.5 GC, per Lane Wells GR/N dated 10-26-64.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM; IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

Signed Eddie W. Seay Title Associate Accountant Date 1-27-86

(This space for State Use)
Eddie W. Seay

APPROVED BY Oil & Gas Inspector TITLE DATE **JAN 30 1986**

CONDITIONS OF APPROVAL, IF ANY:

* Will be recompleted in the Eunice (San Andres), South Field

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JAN 29 1986

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Walter Lynch, Well 2
Con't.

6. RIH w/7" RBP, 7" RDG pkr & SN on 2-3/8 tbg to 4350'. Set RBP @ 4350' & test to 1000 psi; spot 1 sx SD on top. PU to 4320', Halliburton spot 100 gals 15% NEFE HCl w/additives* 4320-4260'. PU & set pkr @ 4175'±. Trap 500 psi on csg.
7. Halliburton acdz Set I w/2,000 gals 15% NEFE HCl w/additives* at 4-5 BPM. Drop 52 RCNBS spaced evenly thruout acid. If ballout occurs, surge off balls & continue w/treatment. Flush to btm perf w/2% KCl wtr**. Max WHTP 3000 psi.
8. Swab back load. Evaluate FE.
9. Rlse pkr, lwr & circ SD off RBP. Latch RBP & pull up to 4270'±. Reset RBP & test to 1000 psi. Spot 1 sx SD on top. POH w/pkr & tbg.
10. Dresser perf San Andres Set II 4211-4247', 1 JSPF, 37 holes w/4" Jumbo Jet CG, NCF VI 22.5 GC, per Lane Wells GR/N log dated 10-26-64.
11. RIH w/7" RDG pkr & SN on 2-3/8 tbg to 4247'. Halliburton spot 100 gals 15% NEFE HCl w/additives* 4247 to 4187'. PU & set pkr @ 4100'±. Trap 500 psi on csg.
12. Halliburton acdz Set II w/2,000 gals 15% NEFE HCl w/additives* at 4-5 BPM. Drop 55 RCNBS spaced evenly thruout acid. If ballout occurs, surge off balls & continue w/treatment. Flush to btm perf w/2% KCl wtr**. Max WHTP 3000 psi.
13. Swab back load. Evaluate FE.
14. Rlse pkr, lwr & circ SD off RBP. Latch RBP & pull up to 4205'. Reset RBP & test to 1000 psi. Spot 1 sx SD on top. POH w/pkr & tbg.
15. Dresser perf San Andres Set III 4150-4195', 1 JSPF, 46 holes w/4" Jumbo Jet CG, NCF VI 22.5 GC, per Lane Wells GR/N log dated 10-26-64.
16. RIH w/7" RDG pkr & SN on 2-3/8 tbg to 4195'. Halliburton spot 100 gals 15% NEFE HCl w/additives* 4195 to 4135'. PU & set pkr @ 4050'. Trap 500 psi on csg.
17. Halliburton acdz Set III w/2,000 gals 15% NEFE HCl w/additives* at 4-5 BPM. Drop 70 RCNBS spaced evenly thruout acid. If ballout occurs, surge off balls & continue w/treatment. Flush to btm perf w/2% KCl wtr**. Max WHTP 3000 psi.
18. Swab back load. Evaluate FE.
19. Rlse pkr, lwr & circ SD off RBP. Latch RBP & reset @ 4350', test to 1000 psi. Spot 1 sx SD on top. PU & set pkr @ 4050'. Trap 500 psi on csg.
20. Halliburton acdz all San Andres perms w/30,000 gals 60 Quality foamed 15% HCl (consisting of 12,000 gals 15% HCl*** & approx 468,600 SCF N₂) at 10 BPM in three stages. Divert each stage w/400 gals gelled sat'd brine***** and 800 lbs GRS. Estimated WHTP 3000 psi. Flush w/3000 gals 2% KCl wtr***** and approx. 117,150 SCF N₂.
21. Flow or swab back load. Evaluate.
22. Rlse pkr, lwr & circ SD off RBP. Latch RBP & POH w/RBP, pkr & tbg.
23. RIH w/2-3/8" tbg string & pumping setup w/66 rodstring & 1½" pump. TS @ 4330'±, SN @ 4300'. POP & test.

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