

N. M. OIL CONG. COMMISSION
P. O. BOX 1980
HOBBS, NEW MEXICO 88240

Form 9-331
Dec. 1973

Form Approved.
Budget Bureau No. 42-R1424

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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 Form 9-331-C for such proposals.)

1. oil well gas well other

2. NAME OF OPERATOR
Sun Exploration & Production Co.-Midland

3. ADDRESS OF OPERATOR
P. O. Box 1861, Midland, Texas 79702

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: Unit Ltr. P
AT TOP PROD. INTERVAL: 660' FNL to 660' FWL
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	<input type="checkbox"/>		<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>		<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>		<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>		<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>		<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>		<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>		<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>		<input type="checkbox"/>
(other) perf & acdz San Andres			<input checked="" type="checkbox"/>

5. LEASE NM032369	
6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
7. UNIT AGREEMENT NAME	
8. FARM OR LEASE NAME Elliott B-12	
9. WELL NO. 1	
10. FIELD OR WILDCAT NAME Paddock	
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 12, T-22, R-37	
12. COUNTY OR PARISH Lea	13. STATE New Mexico
14. API NO.	
15. ELEVATIONS (SHOW DF, KDB, AND WD)	

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

1984
12-13 MIRU Bates WS, POH w/rods & pump, NU BOP, POH w/2-3/8 pumping set up, RIH w/6-1/8 bit. 2 - 4-3/4 DC, Baker 7" csg scraper, 1 jt 2-7/8 tbg.
12-14 Fin TIH w/6-1/8" bit & 7" csg scraper to 5150' tag fill pump 300 bbls 2% KCL could not circ POOH/
12-15 RIH w/6-1/8 bit, 2 - 4-3/4 DC on 2-7/8 WS, w/bull dog bailer pump 480' Ran Bit, Bail & drill 5150-5200, Bit stope, drill 1 hr unable to make any hole, POH
12-16 RIH w/7" Bkr RBP, ret head & 7" RDG pkr on 2-7/8" WS set RBP at 4296' PU & set RDG pkr @ 4265' load hole w/2% KCL wtr test RBP to 2000# test csg above pkr to 500# POOH Pengo dump 2 sk on BP
12-18 Pengo Perf SA set I 4200-4220 1 SP2F 11 holes w/4 csg gun. Western spot 2 bbls 15% NEFE acid from 4220-4170' PU & set pkr @ 4103' Trap 500# on annulus acidize perfs w/2000 gal 15% NEFE acid w/17 RCNBS spaced thru out
12-19 Released Pkr, POH/ GO perf SA set I 4138-4200 w/1 JS2F, 4" CG 23 GC. RIH w/1200' 2-7/8 tbg.
Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.
(See attachment)

18. I hereby certify that the foregoing is true and correct
SIGNED Dee Ann Kemp TITLE Associate Acct. DATE 4-17-85

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY: **ACCEPTED FOR RECORD**

Guo
APR 21 1985

*See Instructions on Reverse Side

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G. G. D.
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17. Continued

- 12-20 GO perf SA set I from 4138-4124' 1 JSPF 4" csg gun. GO PB w/sd from 4276-4199 w/WL bailer TIH w/ret. head on 7" RDG pkr & SN on 2-7/8" WS to 4200'
- 12-21 Western spot 5 bbls 15% NEFEHCL 4200-4075, raise & set pkr @ 4009', press annulus to 500 psi, Western acidz SA set I perfs 4125-4220 w/8000 gals 15% NEFEHCL
- 12-27 GO PB w/sd from 4214' to 4144' hole taking sd GO perf SA II 4054-70 & 4098-94 w/4" csg gun 18 holes 23 GC 1 JSP2F .43 EHD
- 12-28 WO Bkr for RBP TIH w/RBP & 7" pkr on 2-7/8" WS Set RBP at 4110' PU to 4090'
- 12-29 Set pkr 4100' test RBP to 2000# PU to 4090' and spot 3 bbls 15% NEFEHCL acid from 4090' to 4015' Set pkr at 3935' Western acidize SA set II perfs w/3000 gals 15% NEFEHCL acid w/27 RCNBS spaced thru out
- 1985
- 1-1 POH w/2-7/8" WS rec swab mandrel & 400' of swab line TIH w/2-7/8" WS set pkr at 3935'
- 1-5 Rel Pkr, lwr & latched onto RBP @ 4110 & POH/ RIH w/RTRV HD on 2-7/8 WS
- 1-6 Install stripper head, tag and clean out PB SD 4035-4280, Circ hole clean, PU & wait 1/2 hr, lwr & tag 1' fill/POH & LD 2-7/8 WS
- 1-12 Set pumping unit, WO electricity
- 1-30 MIRU DA&S WS POH w/pump & rods NU BOP POH w/2-3/8" prod. tbg TIH w/7" RBP & set at 4110' dump 2 sk sd on BP Run & set 7" cmt retainer at 4030' Press annulus to 500# Howco EIR into perfs 4054 to 94 3½ BPM @ 650# Sqz perfs w/100 sks Class C + .5% Halad- + 100 sks Class C neat Sqz to 2000# w/190 sks PU out of retainer rev out 10 sks PU to 4000'
- 1-31 POH/RIH w/6¼ bit, 6 - 3½ DC's on 2-3/8 tbg, tagged & drilled cmnt ret & soft cmnt 4030-4049, circ clean, PU to 4000' to WOC
- 2-1 Tag & drlg med cmt from 4049-4100' fell thru lwr & tag sd at 4105' circ clean test sqz to 1000# POH TIH w/7" pkr set at 4000' swab tbg to 3700'
- 2-2 RIH, Tag FL @ 3700
- 2-5 Rel pkr POH TIH w/ret. tool unable to latch RBP @ 4110' POH ret. tool flared out TIH w/6-1/8" shoe w/wire catchers rotate over neck on RBP POH no recovery TIH w/6-1/8" shoe w/V catchers worked over RBP at 4110' POH no recovery
- 2-6 TIH w/6" magnet on 2-3/8" tbg tag RBP at 4110' rec. wire from wash over shoe TIH w/shoe w/V catchers work over RBP POH no recovery TIH w/ret tool latch RBP tbg parted while pulling 40,000# over tbg wt. POH left 11½ jts 2-3/8" tbg TIH w/4-11/16" OS latch tbg rel ret. tool POH rec all fish. TIH w/6-1/8" cut rite shoe 2 - 3-1/8 DCs
- 2-6 Cut over top cup on RBP POH to 1000'
- 2-7 TIH w/4-11/16" OS, bumper sub & jars 6 - 3-1/2" DCs on latch RBP at 4110' jar plug loose POH rec. RBP TIH w/6¼" bit & 6 - 3½" DCs on 2-3/8" WS to 4000'
- 2-8 Lwr bit, tagged & drld med. cmnt 4113-4220, circ hole clean, press to 1000psi unable to pump into set I or set II/POH/GO WL reperf SA Set I 4124-4220 1 JSP2F, 49hole. w/4" csg gun 23 GC
- 2-9 RIH w/7" FB pkr on 2-3/8 tbg to 4220, Hal spot 2 bbls 15% NEFEHCL 4220-4150 PU & s. pkr @ 4102, trap 500 on csg, Hal acidz SA set I perfs 4124-4220 w/7500 gals NEFEHCL + 100 balls
- 2-12 Rel pkr POH TIH w/2-3/8" prod tbg & pumping setup TS 4249 SN 4215 RIH w/ 2"X1½"X20' pump on 76 rod string hang on
- 2-23 MIRU DA&S WS POH w/rods & pump NU BOP POH w/2-3/8" prod tbg TIH w/2-3/8" tbg OE to 4150' Howco PB w/sd from 4270' to 4110' POH to 1000'
- 2-26 POH w/2-3/8 tbg, GO perf SA Set II 4054-4070, & 4078-4094 1 JSP2F 18 holes w/4" csg gun, 23 GC. .48 EH RIH w/7" FB Pkr on 2-3/8 tbg to 4094, Hal spot 3 bbls 15% NEFEHCL 4094-4019, PU & Set pkr @ 3967, trap 500 on csg, Hal acidz SA Set II w/3000 gals 15% NEFEHCL + 50 RCNBS
- 2-27 Rlse pkr, lwr & tag sand at 4124, PB w/sand 4124-4110/POH w/2-3/8 tbg & pkr.
- 2-28 RIH w/7" cmt ret on 2-3/8 tbg, set ret @ 4027, trap 500 on csg, Hal EIR & sqz set II perfs 4054-4094 w/200 sxs class "C" neat, FP 2500, rev out 17 sxs cmt, POH

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17. Continued

1985

- 3-1 RIH w/6¼ bit, 6 - 3½ DCs on 2-3/8 tbg tagged & drilled cmt ret 4027-4029, circ hole clean, PU to 4000'
- 3-2 Lwr bit, tag & drill hard cmt 4029-4095, cmt stringers 4095-4110, test sqz to 1000 psi OK, Wash sd 4110-4295 RBP, circ hole cln/POH & LD DCs & bit/RIH w/7" FB pkr on 2-3/8 tbg to 3000
- 3-5 RIH w/7" FB pkr on 2-3/8 tbg, set pkr @ 4102, press annulus to 500 psi/ Western acdz SA SET I perms 4124-4220 w/12000 G 15% gelled acid in 2 equal stg's down 2-3/8 tbg
- 3-7 POH w/pkr & 2-3/8 tbg/RIH w/2-3/8 tbg & pumping setup, TS 4250, PN 4219, SN 4216/RIH w/2X1½X20 pump on 76 rod string, spaced out, hung on
- 3-16 POH w/rods & pump/NU BOP, POH w/2-3/8 pumping setup, RIH w/7" RBP & FB pkr on 2-7/8 WS, set RBP @ 4027, tested to 2000 OK, POH/crc WL. Perf SA 3948-68 1 JSP2F 10 holes w/4" csg gun 23 GC .43 EH
- 3-19 Fin perf SA from 3968-3996 1 JSP2F 28' 14 holes 4" csg gun 23 GC .43 EHD TIH w/7" FB pkr to 3864' rel pkr to 3997' Western spot 3 bbls 15% NEFE acid from 3997 to 3922' Set pkr at 3864' press annulus to 500# Western acidize SA perms 3948-96 w/5000 gals 15% NEFE acid w/37 ball sealers
- 3-21 Released Pkr & lower thru perms, raise & set pkr @ 3769, press annulus to 500 ps OK/Howco sqz SA perms 3948-3996 w/200 sxs Class C 2% CaCl, FP 3200 psi w/150 sxs cmt in formation, Rev out 15 sxs cmt, released pkr & POH
- 3-22 TIH w/6-1/8" bit, 4 - 4-3/4" DCs Tag & drlg hard cmt from 3775 to 3920' circ cln
- 3-23 Fin drlg cmt 3920-3996' lwr to 4025' tag plug circ cln. Test sqz to 1000# TOH w/bit TIH w/ret head wash to plug could not latch TOH
- 3-26 RIH w/6-1/8 X 5½ washover shoe on 2-7/8 WS to 4022, Washed over hard cmt 4022-4024 & SD 4024-4025, circ hole cln & POH/ rec cmt pieces & 1' cmt core, RIH w/RTRV HD on 2-7/8 WS to 4025, latched onto RBP & POH w/RBP/RIH w/2-3/8 pumping setup, TS 4261, SN 4227
- 3-27 ND BOP NU wellhead RIH w/2"X1½"X12' pump on 66 rod string spaced out hung off
- 4-4 24 hrs, P, 34 BO, 42 BW, 72 MCF, GOR 2130/1, 10X54X1½, FL 4123' from surf

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O.C.F.
HOBBS CARRIE