

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See instructions on
reverse side)Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other P & A Oil Well

b. TYPE OF COMPLETION:

NEW WELL ☐ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____

2. NAME OF OPERATOR

Sun Oil Company

3. ADDRESS OF OPERATOR

P. O. Box 1861 - Midland, TX 79702

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface 660' FNL & 660' FWL Ut. Ltr. "D"

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

5. LEASE DESIGNATION AND SERIAL NO.

NM 12412

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Sloan Federal

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Lusk Yates

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

Sec. 22, T 19 S, R 32 E

12. COUNTY OR PARISH

Lea

13. STATE

NM

15. DATE SPUDDED

On Plug Back
9-30-80

16. DATE T.D. REACHED

17. DATE COMPL. (Ready to prod.)

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*

3612' GR

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

10,879'

21. PLUG, BACK T.D., MD & TVD

PBD 3700'

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

X

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

27. WAS WELL CORED

No

28. * On Initial Completion

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
*13 3/8"	48#	350'	17 1/2"	400 sx	None
* 9 5/8"	36#	4400'	12 1/4"	2700 sx	None
					None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
* 7"	3790'	10,915'	2000				

31. PERFORATION RECORD (Interval, size and number)

*On Plug Back

* 3000-01' 4 JSPF .43 4 holes
2955-65' 4 JSPF .43 4 holes
2932-42' 1 JSPF .43 11 holes
2824-34' 1 JSPF .43 11 holes

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3000-01, 2870-71	Sqzd w/450 sx C1 "C" Neat
2932-65	Acdz w/3000 gals 15% NEHCL pearhead
2824-3301	Frac w/15000 gal gels 3% Acid
2824-2965	15000 gals wtr, 3850 gal 5% Gel

33. *No production on plug back

PRODUCTION

KCL wtr - 44400# 20/40 sd

DATE FIRST PRODUCTION

PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)

WELL STATUS (Producing or shut-in)

* Shut-in

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
*	*	*	→	*	*	*	*
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	ACCEPTED FOR RECORD	
*	*	→	*	*	*	* <u>PS</u>	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

NA

TEST WITNESSED BY

NOV 12 1980

35. LIST OF ATTACHMENTS

U.S. GEOLOGICAL SURVEY

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

SIGNED

Doris Williams

TITLE

Sr. Accounting Assistant

DATE

11-6-80

*(See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

OIL CONSERVATION DIV.

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NOV 26 1980

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF: CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TOP TRUE VERT. DEPTH
Yates	2765'	3075'		Yates		

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPL. FB*
(Other instructions on re-
verse side)Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

NM 12412

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Sloan Federal

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Lusk Yates

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

Sec 22, T 19 S, R 32 E

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

3612' GR

12. COUNTY OR PARISH

Lea

13. STATE

NM

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

Re enter P&A well to Test Yates X

(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

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.)* Casing was not pulled or changed on plugback - Form 9-331C approved 9-26-80.

9-30 MIRU.
10-1 DIG OUT CELLAR, CHIP OUT CMT AROUND 13 3/8 CSG CUT OFF 1' of 13 3/8", WELD ON 9 5/8"
COLLAR INSTALL W H & BOP.
10-2 RAN 8 3/4 RB, 1-5 3/4" DC, DO CMT PLUG SURF TO 140'. DO CMT PLUG 905-1020', CIRC
HOLE CLEAN.
10-3 DO HARD CMT PLUG 1020-1090 LOWR RB. DO HARD CMT PLUG 2790-2875, LWR RB TO 3600
CIRC HOLE RAISE RB 3000', DISP HOLE W/5% KCL WTR. POH.
10-4 RAN CMT BOND LOG W/COLLARS 3500-1500 INDICATED POOR CMT BONDING 2800-2886, 2916-2942,
& 2968-3056. FAIR BONDING 2886-2916 & 2942-2968. RAN CIBP ON WL SET @ 3050'.
10-5 PERF 9 5/8 CSG 3000-01' W/4 JSPF, 4 HOLES. RAN PKR & 2 3/8" TBG, EIR THRU PERFS
4 BPM @ 1200 PSI. POH W/TBG & PKR. RAN CMT RETAINER ON WL, SET RET @ 2985. RAN 2 7/8
TBG, STING INTO CMT RET. EIR 4 BPM @ 1000 PSI. SQZ THRU PERFS 3000-01 W/150 SX "C"
NEAT CMT. LEFT 5 SX ON TOP CMT RET, REV OUT 5 SX CMT. POH.
10-6 CREW OFF
10-7 PERFS 2870-71. RAN PKR ON 2 7/8 TBG SET PKR 2835, UNABLE TO PUMP INTO PERFS @ 2200
PSI. LWR TBG, SPOT 100 GALS 15% NEHCL ACROSS PERFS, RAISE PKR 2825 EIR 2 1/2
BPM @ 2200 PSI. POH W/PKR. ATTEMPT RUN CMT RET ON WL, SLIPS JAMMED UNABLE TO SET.
POH W/CMT RET. RAN PKR ON 2 7/8 TBG SET @ 2735. SQZ PERFS 2870-71 W/150 SX "C"
NEAT CMT. REV OUT 68 SX CMT, LEFT 42 SX IN CSG. RAISE PKR 2545. PRESS TBG 2000#.
10-8 RLSD PKR. POH. RAN 8 3/4 BIT & 4- 5 3/4 DC. DRLD CMT 2743-2874. TAGGED CI RET
@ 2985, TESTED 1000 PSI, OK. POH, RAN 2 7/8 TBG W/PKR. SET PKR 2735.

18. I hereby certify that the foregoing is true and correct

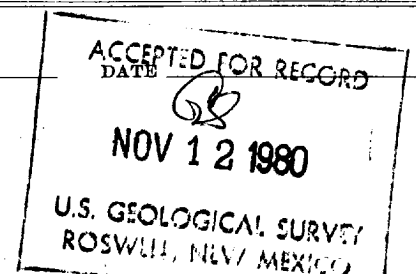
SIGNED Aris WilliamsTITLE Sr. Accounting AssistantDATE 11-6-80

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

*See Instructions on Reverse Side



Instructions

General: This form is designed for submitting proposals to perform certain well operations, and reports of such operations when completed, as indicated, on Federal and Indian lands pursuant to applicable Federal law and regulations, and, if approved or accepted by any State, on all lands in such State, pursuant to applicable State law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 17: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by local Federal and/or State offices. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones, or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to top of any left in the hole; method of closing top of well; and date well site conditioned for final inspection looking to approval of the abandonment.

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NOV 26 1990

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
SALT LAKE CITY, UTAH 84143

GPO 680-160

10-9 SWAB ½ HR REC 14 BLW, RLSD PKR. TAGGED RET @ 2985, DISP HOLE W/5% KCL, POH. PERF YATES 2955-65 W/4" OD CG. RAN 2 7/8 TBG W/PKR, SET PKR @ 2925. ACDZD PERFS W/1000 GAL 15% SPEARHEAD ACID, ¼ HR F, 3 BLAW DIED. SWAB REC 0 BO 29 BLAW. LOON.
 10-10 SWAB TR OIL, 6 BLAW. LWR PKR THRU PERFS, RESET @ 2930, 30000# TENSION. INSTALL WH, RAN BASE TEMP TO 2982. LOON.
 10-11 FRAC PERFS 2955-65 W/5000 GALS GELLED 3% ACID & 5000 GALS WTR, 12000# 20/40 SD FLUSH W/5% KCL WTR. TEMP SURVEY INDICATE ENTRY 2935-68 & 2922-35 & 2968-78. F, 0 BO, 75 BLAW, TP 750-0 ON VARIOUS CHKS. LOON.
 10-12 F, 0 BO, 13 BLAW TP 0. 9 HRS SWAB 22 BLAW, 0 OIL. FE 2 BPH, SLIGHT GAS AFTER SWAB RUN.
 10-13 CREW OFF
 10-14 SWAB 0 OIL, 29 BLAW, FE 1½ BPH, SLIGHT AMT GAS.
 10-15 7½ HRS SWAB 0 OIL, 10 BLAW, FE 1 BPH, VERY SMALL AMT GAS
 10-16 SWAB 0 OIL, 4 BLAW. POH W/TBG & PKR. RAN 9 5/8 RBP & PKR ON 2 7/8 TBG, SET RBP 2949 TEST 1500 PSI, OK. POH W/TBG & PKR. PERF YATES 2932-42, 1 JSPF, 11 HOLES. RAN PKR & 2 7/8 TBG, SET PKR 2890. 2 HR SWAB 0 OIL, 16 BLW, NO FE AFTER 1 HR. LOON.
 10-17 3 HRS, SWAB 0 OIL, 18 BW. ACDZD PERFS 2932-42 W/1000 GALS 15% NEHCL ACID. F 0 OIL, 7 BLAW, TP 600-0. SWAB 0 OIL, 38 BLAW. RLS PKR, LATCH ONTO & POH W/RBP.
 10-18 TAG PBD 2981 W/WL, DUMPED 15 SX SD 2981-2949. RAN PKR & 2 7/8 TBG TO 2942, CIRC HOLE W/5% KCL WTR. RAISE TS 2898, PKR 2890, INSTALL WH.
 10-19 FRAC PERFS 2932-42 W/10,000 GAL GELLED 3% NCL ACID, 10,000 GALS WTR & 24,000# 20/40 SD. FLUSH W/15% KCL & WTR. AVG 2800# SIP 750. LOON.
 10-20 CREW OFF
 10-21 TESTING WELL
 & 22
 10-23 POH W/PKR & TBG. RAN 8 3/4 BIT ON 2 7/8 TBG CO SD 2952-85, CIRC HOLE CLEAN, POH. RAN & SET 9 5/8 CI RETAINER @ 2855. SQZD PERFS 2932-65 W/150 SX "C" NEAT REV 8 SX CMT, CIRC HOLE W/5% KCL WTR.
 10-24 POH. PERF 2824-34 1 JSPF, 11 HOLES. RAN 2 7/8 TBG W/PKR TO 2770. REC 15 BLW, SD 1 HR. NO ENTRY. LOON.
 10-25 RLSD PKR, LWRD TBG SET PKR 2770. ACDZD PERFS 2824-34 W/1000 GAL 15% ACID, FLUSH W/5% KCL WTR.
 10-26- TESTING WELL
 28
 10-29 FRAC PERF 2824-34 w/3850 GAL 5% GELLED KCL WTR. FOAMED TO 65 QUALITY W/186000 SCF NITROGEN, 8400# 20/40 SD. F 0 OIL, 59 BLAW. TP 2000 TO 100. LOON
 10-30 F 6 BLAW 0 OIL. LWR TBG, TAG SD @ 2846, 12' BELOW BTM PERFS. POH W/2 3/8 TBG & PKR. INSTALL WELL HEAD 2' SUB IN WH. RR

Well is now TA pending further evaluation, will P & A if well is not economically feasible.

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.
3. ADDRESS OF OPERATOR
P. O. Box 1861, Midland, TX 79702
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 990' FNL & 1980' FEL
AT TOP PROD. INTERVAL: Unit Letter B
AT TOTAL DEPTH:

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

REQUEST FOR APPROVAL TO:

TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☐
PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☐
CHANGE ZONES ☐
ABANDON* ☐
(other) _____

SUBSEQUENT REPORT OF:

☐
☐
☐
☐
☐
☐
☐
☐

5. LEASE
NM 12412
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME
Sloan Federal
9. WELL NO.
2
10. FIELD OR WILDCAT NAME
East Lusk (Wolfcamp)
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 22, T-19-S, R-32-E
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.)*

Spud 9/17/83
R & C 11 Jts 13-3/8 CS 450, Howco Cmt w/ 400 Sxs "C" w/ 2% Cacl, 1/4# Flocele, FP 300-600, Plug OK Circ 100 Sxs

9/25/83
R & C 99 Jts 8-5/8 Csg. Cs 4107, FC 4063, DV 731, Hal Cmtd 1st Stage w/ 1665 Sxs Howco Lite w/ 18% Salt, & 1/4# Flocele, Tail w/ 500 Sxs "C" w/2% Cacl, FP 1500-2000, Circ 3 hrs thru DV tool, Circ 91 Sxs Cmt. Cmtd 2nd stage w/ 200 Sxs Howco Lite Tail w/ 200 Sxs "C" w/ 2% Cacl, FP 400-1300 Circ 175 Sxs cmt.

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED Dee Ann Kemp TITLE Sr. Acct. Asst. DATE 10/17/83

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY: