

Sun Production Division
Southwestern District

**Sun Exploration and
Production Company**

901 W Wall
Post Office Box 1861
Midland Texas 79702
915 685 0300

September 23, 1982

Mr. Joe Ramey
State of New Mexico
Energy & Minerals Dept.
P.O. Box 2088
Santa Fe, New Mexico 87501

Copy: State of New Mexico
Energy & Minerals Dept.
P.O. Box 1980
Hobbs, New Mexico 88240

Re: Walter Lynch Well #1
Drinkard
Unit Letter K, Sec. 1
T-22-S, R-37-E
Lea County, New Mexico

Mr. Ramey,

File → Sun Exploration and Production Company received administrative approval (Order No. DHC-345 dated August 12, 1982) for an exception to Rule 303-A of the Division Rules and Regulations for the referenced well. This exception was to permit Sun to remove the down-hole separation equipment and to commingle the production from the Drinkard and Wantz Granite Wash in the well-bore.

Attached is a C-103 form explaining the workover procedure that was done. The Drinkard and the Wantz granite wash were not downhole commingled as planned. A retrievable bridge plug was set to shut off the granite wash and the lower Drinkard before the upper Drinkard was perforated. The bridge plug has been left in the well due to the good production in the upper Drinkard. When the production declines the bridge plug will then be pulled and the well will be commingled in the future.

If you have any questions concerning the above information, please contact Mr. Coby Osborne, Segment Engineer at (915) 685-0335.

Very truly yours,

DeeAnn Kemp
Accounting Assistant II

DAK/js

OIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-103
Revised 10-1-78

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
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LAND OFFICE	
OPERATOR	

5a. Indicate Type of Lease
State ☐ For ☒
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 & Production Co.	8. Farm or Lease Name Walter Lynch
3. Address of Operator P.O. Box 1861, Midland, Texas 79702	9. Well No. 1
4. Location of Well UNIT LETTER <u>K</u> <u>1980</u> FEET FROM THE <u>West</u> LINE AT <u>1980</u> FEET FROM THE <u>South</u> LINE, SECTION <u>1</u> TOWNSHIP <u>22-S</u> RANGE <u>37-E</u> NMPM.	10. Field and Pool, or Wharft Drinkard
15. Elevation (Show whether DF, RT, GR, etc.) GR 3357'	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 OF IS. ☐	PLUG AND ABANDONMENT ☐
PULL OR ALTER CASING ☐	OTHER ☐	CASING TEST AND CEMENT JOB ☐	OTHER <u>Perf & Acdz</u> ☒

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. Attempt to RIH w/ 1,875" OD Otis standing valve w/ 1.791 seals, unable to get below 4991, POH w/ SV, RIH w/ 1.906 gage ring, worked thru crossover 4991, Lower gage ring 7131', Gage ring stopped at Otis SN POH w/ gage ring.

Otis WL. RIH w/ 1.820 imp block. Tag & work thru "C" seating shoe, 7133 tag in Otis OSTSD 7139. Ran 2" otis "N" standing valve, set SV in OSTSD 7139, Kill well w/ 130 bbl 2% KCL, Rise J-Latch seal assy from RDH PKR 4982, POH & lay down 2-1/6" buttress tbq & J-Latch Sub.

NU BOP (Hydric) work 2-7/8 tbq, attempting to release 7" Otis RDH-PKR @ 4982, unable to rise PKR max. pull 85,000#, left 75,000# pulled on PKR, Load 7" csg w/ 52 bbl KCL, left 1000# on csg

McCullough ran free point, 100% stuck at 4982, 100% free at 4979. McCullough chemical cut 2-7/8" tbq at 4967. POH laying down 2-7/8" tbq. RIH w/ 5-3/4" overshot. 2-7/8" grapple, w/ Mill control, cut tip guide, bump sub jars, 6-4 1/2" DC, 2-7/8" WS tag and worked over fish at 4967. Jarred on fish for 1/2 hr, jarred fish free. POH w/ 2-7/8" WS, 6-4 1/2" DC's, jarr, bumper sub, cut tip guides, 2-7/8" grapple, 5-3/8" overshot, POH to 4876'.

Finish POH, recover cut off JT 2-7/8 tbq, 7" Otis RDN PKR and 15 jts 2-3/8 NU tbq.

(cont

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 Accounting Assistant II DATE Sept. 23, 1982

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

Walter Lynch # 1
Perf & Acdz cont.

Lack 57 jts 2-3/8 tbg.

GO WL Perf. Drinkard Zone 658 . 6705, w/ 3-1/8" Densi-Jet 12 select-fire Csg GUN
12 Gm. chg. .36 EH

RIH w/ 5" Baker RBP & FB PKR, 2-7/8 tbg, set RBP 6986, PU 6556'.

Lower PKR, Test RBP 3500# Held OK. Rise pkr, Howco spot 100 gal 15% NEFE acid. 6956-6840.
PU & set FB PKR 6729, Acidize old perfs 6840-6956 w/ 3000 gal 15% NEFE, preceeded acid
w/ 3000 gal gelled 10# brine, flush w/ 2% KCL, No communication.
Swab 3½ hrs. Rec. 14B0. Rise FB PKR, Retrieve RBP 6986, Reset RBP 6754, set FB PKR 6543.

Rise & Lower FB pkr. Test RBP 6761 2000#. Held OK. Howco spot 100 gal 15% NEHCL 6705-6579
Set PKR 6484. Trap 500# CP, Acidize Drinkard perfs 6585-6705 w/ 5000 gal 15% NEFE &
3000 gal gelled 10# Brine in 2 stages. Flow 3½ hrs on ½" to 10/64" chk, Rec. 7 B0.

Flow, 1 B0, Strong continuous gas. Flow 7½ hrs. 25 B0. Kill well w/ 50 bbl 2% KCL,
Rise FB PKR 6484, remove BOP, reset

FB PKR, TS 6489, FB PKR 6481, Swab 1 hr. Rec 0 B0, Well started flowing, 24/64" Chk, Rec 1B0.

Connect well head, hot oil flow line, open well up on 14/64". Flow at rate of 930mcfpd
TP 1450#.

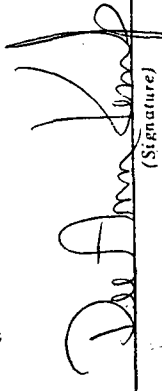
NEW MEXICO OIL CONSERVATION COMMISSION
GAS-OIL RATIO TESTS

C-116
Revised 1-1-65

Operator		Pool		County										
Sun Exploration & Production Co.		Drinkard		Lea										
Address		P.O. Box 1861, Midland, Texas 79702		TYPE OF TEST - (X) ☐ Scheduled ☐ Completion ☐ Special ☒										
LEASE NAME	WELL NO.	LOCATION			DATE OF TEST	CHOKE SIZE	TBG. PRESS.	DAILY ALLOW-ABLE	LENGTH OF TEST HOURS	PROD. DURING TEST				GAS - OIL RATIO CU.FT./BBL
		U	S	T						R	WATER BBLs.	GRAV. OIL	OIL BBLs.	
Walter Lynch	1	K	1	22-S	37-E	9-23-82	F 26/64	290	24	22	83	842	10,145	

No well will be assigned an allowable greater than the amount of oil produced on the official test.
During gas-oil ratio test, each well shall be produced at a rate not exceeding the top unit allowable for the pool in which well is located by more than 25 percent. Operator is encouraged to take advantage of this 25 percent tolerance in order that well can be assigned increased allowables when authorized by the Commission.
Gas volumes must be reported in MCF measured at a pressure base of 15.025 psia and a temperature of 60° F. Specific gravity base will be 0.60.
Report casing pressure in lieu of tubing pressure for any well producing through casing.
Mail original and one copy of this report to the district office of the New Mexico Oil Conservation Commission in accordance with Rule 301 and appropriate pool rules.

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


(Signature)

Accounting Assistant II
(Title)

September 23, 1982
(Date)