



APR 5 1984

**Sun Exploration and
Production Company**
Four NorthPark East
5656 Blackwell
P O Box 2880
Dallas TX 75221-2880
214 890 6000

SPECIAL RULES AND REGULATIONS
NATURAL GAS PRICING ACT SECTION 6
ADMINISTRATIVE EXEMPTION PROCEDURE

RULE 1(b) SUN EXPLORATION & PRODUCTION COMPANY'S, FORMERLY SUN OIL COMPANY, NEW MEXICO FEDERAL -N- WELL NO. 2E IS AN INFILL WELL IN THE BASIN-DAKOTA GAS POOL AS PER CASE NO. 6533, ORDER NO. R-1670-V.

RULE 5 PLAT SHOWING PRORATION UNITS IN SECTION 17 T30N R12W , LOCATION OF THE WELLS THEREON, AND THE OWNERSHIP AND LOCATION OF ALL WELLS ON DIRECT OR DIAGONALLY OFFSETTING PRORATION UNITS.

RULE 7(a) COPY OF ORDER NO. R-1670-V FOR BASIN-DAKOTA GAS POOL.

RULE 8 DOCUMENTATION AS TO DATES OF DRILLING AND/OR FIRST SALE OF GAS FOR SUN'S NEW MEXICO FEDERAL -N- WELL NO. 2E

SUN EXPLORATION AND PRODUCTION COMPANY RESPECTFULLY REQUESTS THE APPLIED FOR EXEMPTION BE RETROACTIVE TO April 23, 1981.

I HEREBY CERTIFY THAT THE INFORMATION CONTAINED HEREIN IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

SIGNED: Charles A. Gray
CHARLES A. GRAY

DATE: March 2, 1984


TITLE: CONSERVATION REPRESENTATIVE

C E R T I F I C A T I O N
NEW MEXICO INTRASTATE
NATURAL GAS PRICING ACT SECTION 6
RULE 7(c)

I HEREBY CERTIFY THAT SUN EXPLORATION & PRODUCTION COMPANY'S,
FORMERLY SUN OIL COMPANY, NEW MEXICO FEDERAL-N- WELL NO. 2E THE
ORIGINAL/EXISTING WELL ON THE REFERENCED PRORATION UNIT, HAS NOT HAD
FROM DATE OF FIRST DELIVERY OF GAS, AND SHALL NOT HAVE ITS ABILITY TO
PRODUCE INTO THE PIPELINE RESTRICTED BY THE OPERATOR BY ANY AFFIRM-
ATIVE MECHANICAL ACT, SUCH AS UNREASONABLY CLOSING-IN, CHOKING DOWN
OR INTENTIONALLY DAMAGING THE WELLBORE FOR THE PURPOSE OF RESTRICTING
THE ABILITY OF THE WELL TO PRODUCE INTO THE PIPELINE.

SUN EXPLORATION AND PRODUCTION CO.
(OPERATOR)

SUBSCRIBED AND SWORN TO THIS 2nd DAY OF MARCH, 1984,
BY: T. E. Maxwell (T. E. MAXWELL)
NORTHERN REGION MANAGER PRODUCTION OPERATIONS



NOTARY PUBLIC

MY COMMISSION EXPIRES

October 1, 1985

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 <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> Other _____										5. LEASE DESIGNATION AND SERIAL NO. NM 047	
b. TYPE OF COMPLETION: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> Other _____										6. IS INDIAN, ALLOTTEE OR TRIBE NAME N/A	
2. NAME OF OPERATOR Sun Oil Company										7. UNIT AGREEMENT NAME N/A	
3. ADDRESS OF OPERATOR 2525 N. W. Expressway Oklahoma City, Oklahoma 73112										8. FARM OR LEASE NAME New Mexico Federal -N-	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1110' FNL & 850' FWL (NW NW) At top prod. interval reported below At total depth										9. WELL NO. 2 E	
14. PERMIT NO. NNA DATE ISSUED 2-5-80										12. COUNTY OR PARISH San Juan	
										13. STATE New Mexico	
15. DATE SPUDDED 6-22-80		16. DATE T.D. REACHED 7-9-80		17. DATE COMPL. (Ready to prod.) 9-14-80		18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 5859' GR		19. ELEV. CASINGHEAD			
20. TOTAL DEPTH, MD & TVD 6860'		21. PLUG, BACK T.D., MD & TVD 6795'		22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY →		ROTARY TOOLS 6,686-92'		CABLE TOOLS	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 6,686'-92', 6,636-42', 6,600-20', 6548-54'										25. WAS DIRECTIONAL SURVEY MADE NO	
26. TYPE ELECTRIC AND OTHER LOGS RUN CNL-FDC-GR-CAL										27. WAS WELL CORED NO	
28. CASING RECORD (Report all strings set in well)											
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED	
8-5/8"		24#		363'		12-1/4"		250 Sx Class -A-			
4-1/2"		9.5#		6859'		7-7/8"		2,600 SX Howco Light/ Class A & 50-50 poz			
29. LINER RECORD											
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*		SCREEN (MD)			
30. TUBING RECORD											
SIZE		DEPTH SET (MD)		PACKER SET (MD)							
2-3/8"		2,949		6500'							
31. PERFORATION RECORD (Interval, size and number) 6,686-92' 6,636-42', 6,600-20', 6,548' -54						32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.					
						DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED			
						6,686-92'		Acidz. w/2,000 gals. 15% HCL.			
						6,636' -6554'		Frac. w/57,500 gals. Acidz w/2,500 gals 15% HCL.			
33.* PRODUCTION											
DATE FIRST PRODUCTION 9-14-80		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) GF						WELL STATUS (Producing or shut-in) Awaiting Pipeline			
DATE OF TEST 9-14-80		HOURS TESTED 4 hr.		CHOKE SIZE 1/2"		PROD'N. FOR TEST PERIOD →		OIL—BBL. 8		GAS—MCF. 988	
FLOW, TUBING PRESS. 900		CASING PRESSURE		CALCULATED 24-HOUR RATE →		OIL—BBL.		GAS—MCF.		WATER—BBL.	
										OIL GRAVITY-API (CORR.)	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented										TEST WITNESSED BY	
35. LIST OF ATTACHMENTS											
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records											
SIGNED <u>Giannie Owens</u>		TITLE <u>Dist. Pror. Supervisor</u>						DATE <u>10-24-80</u>			

*(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: "Secks 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.)

27. SUMMARY OF POROSITY ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL, TESTED, CUSHION TEST, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES			38. GEOLOGIC MARKERS			
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAN. DEPTH	TRUE VERT. DEPTH
Fruitland	1680'	2040'	Water	Tertiary	Surface	740
Picture Cliff	2040'	2246'	Water	Cretaceous	740	
Cliff House	3627'	3828'	HC & Water	Mesaverde Grp.	3316	4930
Point Lookout	4430'	4721'	Water	Mancos Form.	5878	6754
				Dakota Form.	6754	6934
				Jurassic	6934	7000
Dakota	6534'	6565'	HC & Water			
Morrison	6797'	6715'	Water			

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Supersedes 6-128
Effective 1-1-65

EXHIBIT "A"-Location & Elevation

All distances must be from the outer boundaries of the Section

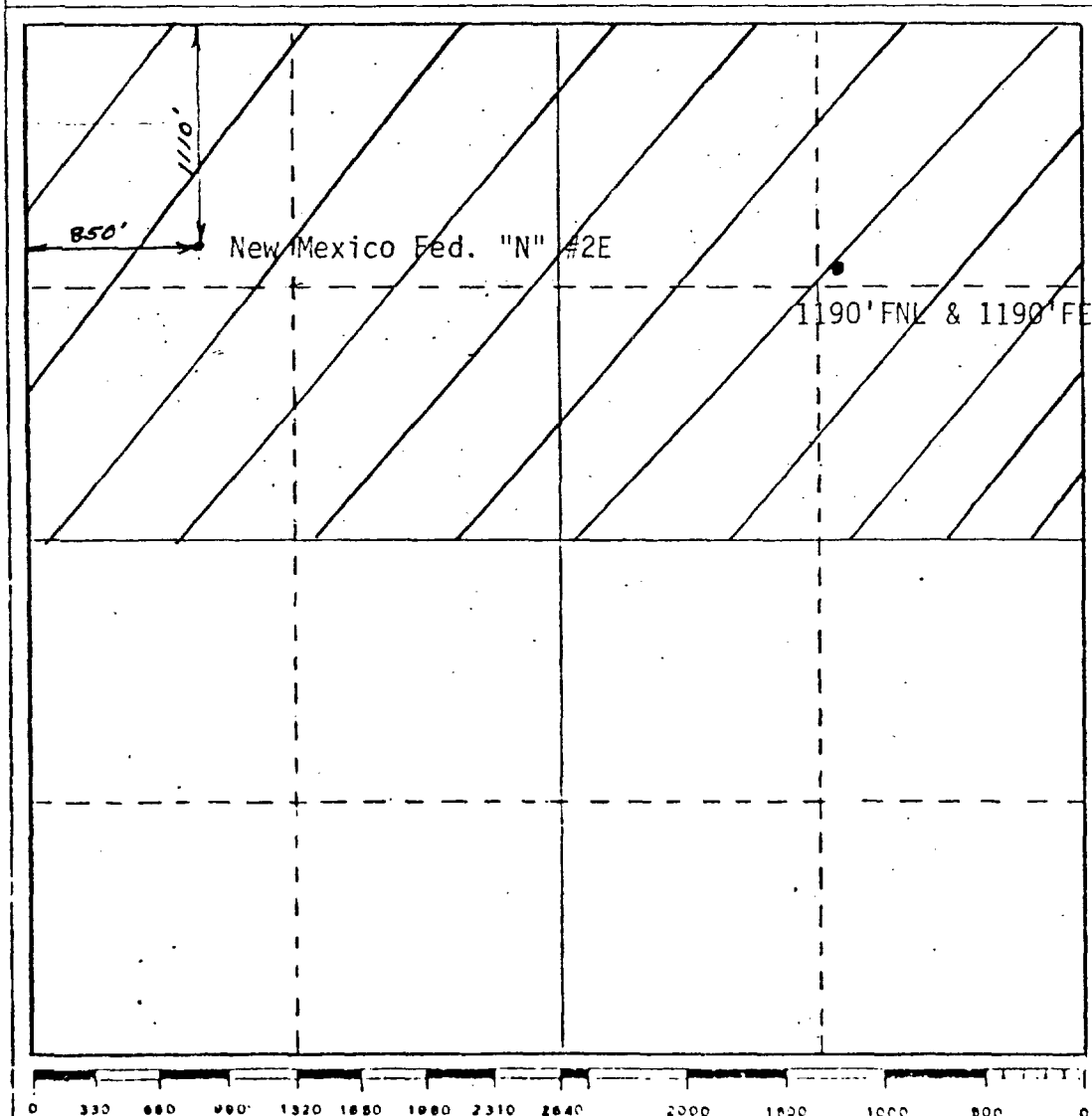
Operator Sun Oil Company		Lease USA 047 NM		Well No. Federal N#2E	
Unit Letter D	Section 17	Township 30 North	Range 12 West	County San Juan	
Actual Footage Location of Well: 1110' feet from the North line and 850' feet from the West line					
Ground Level Elev. 5859'	Producing Formation Basin Dakota		Pool Basin Dakota	Dedicated Acreage: 320 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

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

George Lapaseotes
Name **George Lapaseotes**
V. Pres. Powers Elevation

Position
Agent Consultant for

Company
Sun Gas Company

Date
2/5/80

I hereby certify that the well location shown on this plat was placed from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

29 Jan. '80

Date Surveyed
Gerald G. Huddleston
Registered Professional Engineer
and/or Land Surveyor

6844
Certificate No.

PRODUCING STATUS REPORT

OF 9 REV. 1-7-77 (C) 1977 OIL & GAS

☐ ENTERED ON ECONOMIC
EVALUATION REPORT

☒ OTHER (SEE FIELD)

TYPE OF REPORT	<input type="checkbox"/> SHUT-IN NO TEMP. CHANGE		<input type="checkbox"/> RETURN TO PRODUCTION		<input type="checkbox"/> PLUGGED AND ABANDONED		<input checked="" type="checkbox"/> FIRST RUN OR FIRST SALE		DATE RECORD REGIONAL TITLE RECORD 4-29-81			
	<input checked="" type="checkbox"/> SUN 100%		<input type="checkbox"/> SUN JOINT OPERATOR		<input type="checkbox"/> O B O C		<input type="checkbox"/> ORI <input type="checkbox"/> RI		OPERATOR NAME Sun Oil Company			
LEASE DATA	PROPERTY NAME (FIELD) New Mexico Federal-N-				ACCTG PROP NO 865642		WELL STATUS: PRODUCING		SHUT-IN		TEMPORARILY ABANDONED	
	FIELD NAME Basin (Dakota)				TITLE RECORDS NO Lse. 914210		OIL WELLS		0		0	
	DISTRICT Oklahoma City COUNTY San Juan STATE New Mexico				GAS WELLS		8		3		0	
SHUT- IN REPORT	WELL NO		TYPE OF SHUT		REASON FOR SHUT		DATE LAST PRODUCTION		DATE RETURN		BBLS OIL 24 HR RATE	
	<input type="checkbox"/> OIL LEASE <input type="checkbox"/> GAS LEASE <input type="checkbox"/> GAS WELL		<input type="checkbox"/> Depleted <input type="checkbox"/> Workover Necessary <input type="checkbox"/> Pipe Line Proration <input type="checkbox"/> Regulatory Body <input type="checkbox"/> Lack of Avail- able Connection		PRODUCTION INFORMATION (IF AVAILABLE)							
					MCF GAS 24 HR RATE		526					
					WELL LOCATION OR ATTACH WELL PLAT		Section 17-30N-12W					
RETURN TO PROD. OR ABAND.	WELL NO		DATE OF CHANGE		WELL STATUS		RECOMPLETED NEW ZONE		RECOMPLETED NEW PRODUCT		RECOMPLETED NEW OWNERSHIP	
	DATE OF SALE		TYPE OF SALE		FIRST SALE ON		CHANGE OF PURCHASER		NEW WELL		RECOMPLETED WELL	
FIRST RUN OR FIRST SALE	DATE OF SALE		TYPE OF SALE		FIRST SALE ON		CHANGE OF PURCHASER		NEW WELL		RECOMPLETED WELL	
	DATE OF SALE		TYPE OF SALE		FIRST SALE ON		CHANGE OF PURCHASER		NEW WELL		RECOMPLETED WELL	
MISC.	DATE OF SALE		TYPE OF SALE		FIRST SALE ON		CHANGE OF PURCHASER		NEW WELL		RECOMPLETED WELL	
	DATE OF SALE		TYPE OF SALE		FIRST SALE ON		CHANGE OF PURCHASER		NEW WELL		RECOMPLETED WELL	
REGION TITLE RECORD	DATE OF SALE		TYPE OF SALE		FIRST SALE ON		CHANGE OF PURCHASER		NEW WELL		RECOMPLETED WELL	
	DATE OF SALE		TYPE OF SALE		FIRST SALE ON		CHANGE OF PURCHASER		NEW WELL		RECOMPLETED WELL	

OKLAHOMA CITY DISTRICT OFFICE
 J. P. Hendrix - Mgr.
 H. L. Carroll - Admin. Serv.
 D. G. Bower - Gas Coord.
 Joe Collins - Engineering
 L. A. Brandon - Geology
 H. Snyder - Drafting
 Jeannie Owens - Pror. & Cons.
 Gerald Bright - Mgr., Land

NORTH PARK III - DALLAS
 Forrest Moore - Geology
 B. D. Brockman - Land
 Ed Williams - Drafting
 H. B. Taylor - U&JO
 I. V. Hobbs - U&JO
 J. A. Lindblom - Exp. Acctg.
 J. W. Strickland - Gas Sales
 D. J. Rhodes - Acc. Process.
 L. D. Allison - Acc. Control
 J. W. Williams - Rev. Acctg.

CAMPBELL CENTRE II - DALLAS
 H. Ellis/E. Bassham - Div. Order
 R. Bodenhamer - Tax Dept.
 Walter Martin - Roy. Disb.

GLEN CENTRAL - DALLAS
 Don Leehan - Mgr., C&LA
 Drafting - C&LA
 Admin. Clerk - C&LA