



APR 5 1984

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**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. 4E 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 7 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. 4E.

SUN EXPLORATION AND PRODUCTION COMPANY RESPECTFULLY REQUESTS THE APPLIED FOR EXEMPTION BE RETROACTIVE TO May 11, 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

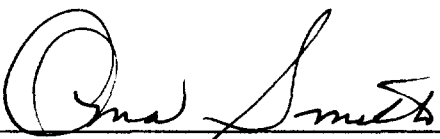
TITLE: CONSERVATION REPRESENTATIVE

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. 4E 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 other 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 _____		
b. TYPE OF COMPLETION:		NEW WELL ☒	WORK OVER ☐	DEEP-EN ☐	PLUG BACK ☐	DIFF. RESVR. ☐	Other _____
2. NAME OF OPERATOR						5. LEASE DESIGNATION AND SERIAL NO.	
Sun Oil Company						NM 047	
3. ADDRESS OF OPERATOR						6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2525 N. W. Expressway, Oklahoma City, OK 73112						N/A	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*						7. UNIT AGREEMENT NAME	
At surface 1120' FNL & 1120' FWL (NW NW)						N/A	
At top prod. interval reported below						8. FARM OR LEASE NAME	
At total depth						New Mexico Federal -N-	
14. PERMIT NO.						9. WELL NO.	
DATE ISSUED						4 E	
5-21-80						10. FIELD AND POOL, OR WILDCAT	
12. COUNTY OR PARISH						Basin Dakota	
13. STATE						11. SEC. T. R. M., OR BLOCK AND SURVEY OR AREA	
San Juan						Sec. 7-T30N-R12W	
15. DATE SPUDDED						12. COUNTY OR PARISH	
8-25-80						San Juan	
16. DATE T.D. REACHED						13. STATE	
9-10-80						New Mexico	
17. DATE COMPL. (Ready to prod.)						19. ELEV. CASINGHEAD	
11-9-80						5911' GR	
18. ELEVATIONS (DF, RNB, RT, GR, ETC.)*						20. TOTAL DEPTH, MD & TVD	
5911' GR						6855'	
21. PLUG, BACK T.D., MD & TVD						22. IF MULTIPLE COMPL., HOW MANY*	
6812'						23. INTERVALS DRILLED BY	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*						ROTARY TOOLS	
6,596' - 6610', 6,653' - 6,655', 6,672' - 6,782'						X	
25. TYPE ELECTRIC AND OTHER LOGS RUN						CABLE TOOLS	
DIL - DNL - FDC - CAL						25. WAS DIRECTIONAL SURVEY MADE	
26. CASING RECORD (Report all strings set in well)						NO	
27. WAS WELL CORED						NO	
29. LINER RECORD						30. TUBING RECORD	
31. PERFORATION RECORD (Interval, size and number)						32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
6,596 - 6610'						DEPTH INTERVAL (MD)	
6,653 - 6655'						6,596'-6,782'	
6,672 - 6782'						AMOUNT AND KIND OF MATERIAL USED	
						Acidz. 2,500 gals 15% HCl	
						Frac. w/2,797 Bbls of YF4PSD	
33.* PRODUCTION						34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)	
DATE FIRST PRODUCTION						TEST WITNESSED BY	
11-8-80						Ivan Hines	
PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)						35. LIST OF ATTACHMENTS	
Flowing						CNL-DIL logs	
WELL STATUS (Producing or shut-in)						36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records	
Awaiting Pipeline (SI)						SIGNED <u>Deanne Owens</u> TITLE Distr. Pror. Supervisor	
DATE OF TEST						DATE 11-13-80	
11-8-80							
HOURS TESTED							
24							
CHOKES SIZE							
64							
PROD'N. FOR TEST PERIOD							
10							
OIL—BSL.							
10							
GAS—MCF.							
685							
WATER—BSL.							
10							
OIL GRAVITY-API (CORR.)							
43.2							

*(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: "Nuts (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.)

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	NAME	MEAN DEPTH	TRUE VERT. DEPTH
Fruitland	1706'	2065'	Tertiary	Surface	740'
Picture Cliff	2065'	2278'	Cretaceous	740'	
Cliff House	3666'	3890'	Meseverde Grp.	3316'	4930'
Point Lookout	4438'	4764'	Mancos Form.	5878'	6754'
Dakota	6594'	6624'	Dakota Form.	6754'	6934'
Morrison	6795'		Jurassic	6934'	7000'

Supervisors: 1-1-21
1-1-21

All distances must be from the outer boundaries of the Section.

$$f_1, f_2, f_3, \dots, f_n, \dots \in C(\mathbb{R}^n, \mathbb{R}) \text{ and } f_1, f_2, f_3, \dots, f_n, \dots \in C(\mathbb{R}^n, \mathbb{R})$$

1100 000 1

1979

A. r. r.

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

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.

ILLEGIBLE

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

Position

Company _____

Date _____

I hereby certify that the above location shows the actual survey made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

17 Feb. 80

Date Surveyed
 Gerald W. Huddleston

Displaced Products of the
in the form of

6844

FD-302 (REV. 11-27-70) PRINTED IN U.S.A.

☐ ENTIRE COPY OF DOCUMENT
EVALUATION REPORT

Redistribution - Correction
[X] of Title Records No.

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