

CASE 4018: Application of SOLAR
OIL COMPANY FOR A DUAL COMPLETION,
LEA COUNTY, NEW MEXICO.

Case Number

4018

Application

Transcripts.

Small Exhibits

ETC.

dearnley-meier ENGINEERING SERVICE, INC.

SPECIALIZING IN: DEPOSITIONS, HEARINGS, STATEMENTS, EXPERT TESTIMONY, DAILY COPY, CONVENTIONS

1120 SIMMS BLDG. • P. O. BOX 1092 • PHONE 243-6691 • ALBUQUERQUE, NEW MEXICO



BEFORE THE
NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

January 8, 1969

EXAMINER HEARING

IN THE MATTER OF:)

Application of Solar Oil)
Company for a dual comple-)
tion, Lea County,)
New Mexico.)

Case No. 4018

BEFORE: Daniel S. Nutter, Examiner

TRANSCRIPT OF HEARING

MR. NUTTER: Case 4018.

MR. HATCH: Case 4018, Application of the Solar Oil Company for a dual completion, Lea County, New Mexico.

Mr. Examiner, please, this case has been taken care of administratively. MC Order 1842 has approved the dual completion, so we feel that this case should be dismissed.

MR. NUTTER: In as much as this application has been handled administratively, Case 4018 will be dismissed.

STATE OF NEW MEXICO)
) ss.
COUNTY OF BERNALILLO)

I, SAMUEL MORTELETTE, Court Reporter in and for the County of Bernalillo, State of New Mexico, do hereby certify that the foregoing and attached Transcript of Hearing before the New Mexico Oil Conservation Commission was reported by me, and that the same is a true and correct record of the said proceedings, to the best of my knowledge, skill and ability.

Samuel Mortelette
COURT REPORTER

I do hereby certify that the above is a true and correct copy of the original as shown to me by the undersigned on this 1/8 day of 4018 69
Samuel Mortelette
New Mexico Oil Conservation Commission

DAVID F. CARGO
CHAIRMAN

State of New Mexico
Oil Conservation Commission



LAND COMMISSIONER
GUYTON B. HAYS
MEMBER

STATE GEOLOGIST
A. L. PORTER, JR.
SECRETARY - DIRECTOR

P. O. BOX 2068
SANTA FE

January 13, 1969

Mr. Daroyl R. Curry
Solar Oil Company
Post Office Box 5114
Midland, Texas 79701

Re: Case No. 4018
Order No. R-3659
Applicant:
Solar Oil Company

Dear Sir:

Enclosed herewith are two copies of the above-referenced Commission order recently entered in the subject case.

Very truly yours,

A. L. PORTER, Jr.
Secretary-Director

ALP/ir

Carbon copy of order also sent to:

Hobbs OCC x

Artesia OCC

Aztec OCC

Other _____

BEFORE THE OIL CONSERVATION COMMISSION
OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE HEARING
CALLED BY THE OIL CONSERVATION
COMMISSION OF NEW MEXICO FOR
THE PURPOSE OF CONSIDERING:

CASE No. 4018
Order No. R-3659

APPLICATION OF SOLAR OIL COMPANY
FOR A DUAL COMPLETION, LEA COUNTY,
NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 a.m. on January 8, 1969,
at Santa Fe, New Mexico, before Examiner Daniel S. Mutter.

NOW, on this 13th day of January, 1969, the Commission, a
quorum being present, having considered the record and the recom-
mendations of the Examiner, and being fully advised in the premises,

FINDS:

- (1) That the applicant's request for a dual completion has
been granted administratively by Administrative Order No. MC-1842.
- (2) That Case No. 4018 should be dismissed.

IT IS THEREFORE ORDERED:

That Case No. 4018 is hereby dismissed.

DONE at Santa Fe, New Mexico, on the day and year hereinabove
designated.

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

DAVID F. CARGO, Chairman

ALEX J. ARMIJO, Member

A. L. PORTER, Jr., Member & Secretary

esr/

Docket No. 1-09

DOCKET: EXAMINER HEARING - WEDNESDAY - JANUARY 8, 1969

9 A.M. - OIL CONSERVATION COMMISSION CONFERENCE ROOM,
STATE LAND OFFICE BUILDING, SANTA FE, NEW MEXICO

The following cases will be heard before Daniel S. Nutter, Examiner, or A. L. Porter, Jr., Alternate Examiner:

CASE 4016: Application of American Trading and Production Corporation for a dual completion, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval for the dual completion (conventional) of its Southeast Lea Unit Well No. 2 located in Unit L of Section 25, Township 20 South, Range 35 East, Lea County, New Mexico, in such a manner as to permit the production of gas from an undesignated Wolfcamp gas pool and gas from an undesignated Morrow gas pool through parallel strings of tubing.

CASE 3709: (Reopened)

In the matter of Case No. 3709 being reopened pursuant to the provisions of Order No. R-3366, which order established 80-acre spacing units for the Akah Nez-Devonian Oil Pool, San Juan County, New Mexico, for a period of one year. All interested parties may appear and show cause why said pool should not be developed on 40-acre spacing units.

CASE 4017: Application of Corinne Grace for compulsory pooling, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests in the Morrow formation underlying Section 8, Township 21 South, Range 24 East, North Indian Hills-Morrow Gas Pool, Eddy County, New Mexico. Said acreage to be dedicated to a well to be drilled in the SE/4 of said Section 8. Also to be considered will be the costs of drilling said well, a charge for the risk involved, a provision for the allocation of actual operating costs, and the establishment of charges for supervision of said well.

CASE 4018: Application of Solar Oil Company for a dual completion, Lea County, New Mexico. Applicant, in the above-styled cause seeks approval for the dual completion (conventional) of its Fanning "B" Well No. 1 located in Unit A of Section 33, Township 23 South, Range 37 East, Lea County, New Mexico, to produce oil from the Teague-Blinebry and undesignated Drinkard Pools through parallel strings of tubing.

CASE 4019: Application of Sinclair Oil Corporation for salt water injection, Lea County, New Mexico. Applicant, in the above styled cause, seeks authority to inject produced salt water into the Yates formation in the perforated interval from approximately 3860 feet to 4050 feet in its Mescalero Ridge Unit Well No. 2 located in Unit B of Section 28, Township 19 South, Range 34 East, Quail Ridge-Yates Pool, Lea County, New Mexico.

CASE 4020: Application of Burk Royalty Company for salt water disposal, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to dispose of produced salt water into the Yates formation in the perforated interval from 3564 to 3585 feet in its Hanson "C" Well No. 4 located in Unit K of Section 23, Township 20 South, Range 34 East, Lynch Yates-Seven Rivers Pool, Lea County, New Mexico.

CASE 4015: (Continued from December 27, 1968, Examiner Hearing)

Application of Wilson Oil Company for salt water disposal, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to dispose of produced salt water into the Yates-Seven Rivers formations, Wilson Yates-Seven Rivers Pool, Lea County, New Mexico, through the following six wells:

TOWNSHIP 21 SOUTH, RANGE 34 EAST

Wilson State Well No. 9 located in Unit F of Section 13;

Shell State Well No. 13 located in Unit H of Section 13;

Wilson State Well No. 8 located in Unit O of Section 13;

Wilson State Well No. 20 located in Unit B of Section 23;

Wilson State Well No. 21 located in Unit J of Section 23;

TOWNSHIP 21 SOUTH, RANGE 35 EAST

Wilson State Well No. 1-A located in Unit G of Section 7;

Applicant further seeks an administrative procedure whereby other wells in said pool may be approved for disposal purposes without the requirement of notice and hearing.

CASE 4010: (Continued from December 27, 1968, Examiner Hearing)

Application of John H. Trigg for a waterflood project, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks authority to institute a waterflood project by the injection of water into the Grayburg-San Andres formations through his Empire "J" Federal Well No. 1 located in Unit P of Section 1, Township 18 South, Range 26 East, Red Lake Grayburg-San Andres Pool, Eddy County, New Mexico.

CASE 4013: (Continued from December 27, 1968, Examiner Hearing)

Application of Redfern Development Corporation and Wil-Mc Oil Corporation for salt water disposal, Lea County, New Mexico. Applicants, in the above-styled cause, seek authority to dispose of produced salt water into the San Andres formation in the interval from approximately 4042 feet to 4179 feet in the Wil-Mc State "K" Well No. 1, located in Unit O of Section 11, Township 10 South, Range 32 East, Mescalero-San Andres Pool, Lea County, New Mexico. (The above perforated interval is in lieu of the originally advertised interval from 4200 feet to 4300 feet.)

NEW MEXICO OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO
APPLICATION FOR MULTIPLE COMPLETION

Form C-107
5-1-61

File 4018

Operator SOLAR OIL COMPANY		County Lea	Date 27 November 1968
Address P.O. Box 5114, Midland, Texas		Lease Fanning "B"	Well No. 1
Location of Well	Unit A	Section 33	Range 37-E
		Township 23-S	

1. Has the New Mexico Oil Conservation Commission heretofore authorized the multiple completion of a well in these same pools or in the same zones within one mile of the subject well? YES _____ NO X

2. If answer is yes, identify one such instance: Order No. _____ ; Operator Lease, and Well No. 3-21-255 514

3. The following facts are submitted:

	Upper Zone	Intermediate Zone	Lower Zone
a. Name of Pool and Formation	Teague Blinebry	<i>Wagon</i>	Imperial Tubb
b. Top and Bottom of Pay Section (Perforations)	5883-5405		6111-6214
c. Type of production (Oil or Gas)	Oil		Oil
d. Method of Production (Flowing or Artificial Lift)	Flowing		Pumping

4. The following are attached. (Please check YES or NO)
- | | | |
|-------------------------------------|--------------------------|---|
| Yes | No | |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | a. Diagrammatic Sketch of the Multiple Completion, showing all casing strings, including diameters and setting depths, centralizers and/or turbolizers and location thereof, quantities used and top of cement, perforated intervals, tubing strings, including diameters and setting depth, location and type of packers and side door chokes, and such other information as may be pertinent. |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | b. Plat showing the location of all wells on applicant's lease, all offset wells on offset leases, and the names and addresses of operators of all leases offsetting applicant's lease. |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | c. Waivers consenting to such multiple completion from each offset operator, or in lieu thereof, evidence that said offset operators have been furnished copies of the application.* |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | d. Electrical log of the well or other acceptable log with tops and bottoms of producing zones and intervals of perforation indicated thereon. (If such log is not available at the time application is filed it shall be submitted as provided by Rule 112-A.) |

5. List all offset operators to the lease on which this well is located together with their correct mailing address.
- Resler & Sheldon, 801 W. Texas, Artesia, New Mexico
- Gulf Oil Company, Gulf Bldg., Midland, Texas
- Texas Pacific Oil Co., 511 W. Ohio, Midland, Texas

6. Were all operators listed in Item 5 above notified and furnished a copy of this application? YES X NO ____ . If answer is yes, give date of such notification 27 November 1968.

CERTIFICATE: I, the undersigned, state that I am the Vice President of the Solar Oil Company (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

DOCKET NUMBER

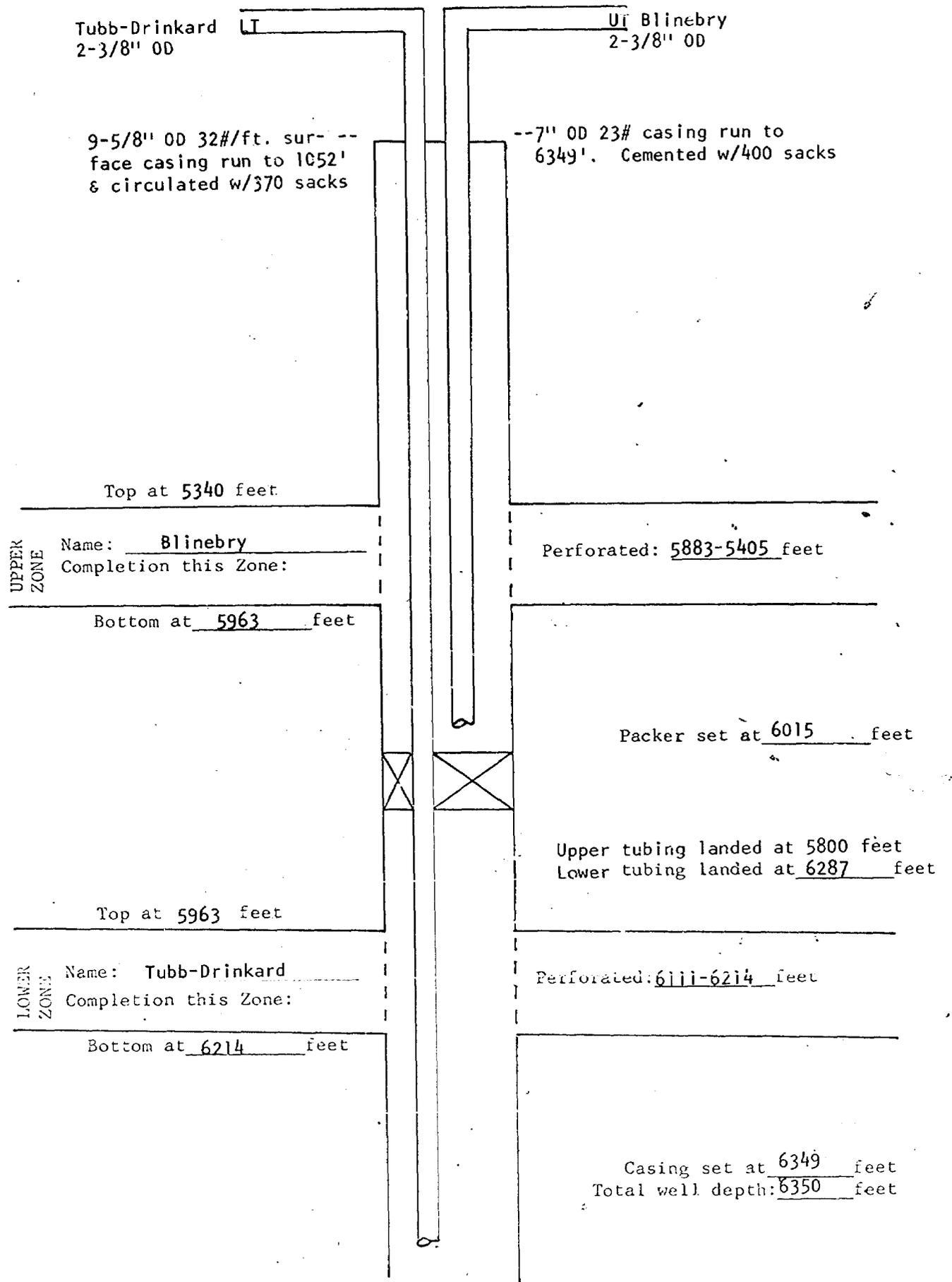
Date 12-30-68

Signature *George R. Curry*

*Should waivers from all offset operators not accompany an application for administrative approval, the New Mexico Oil Conservation Commission will hold the application for a period of twenty (20) days from date of receipt by the Commission's Santa Fe office. If, after said twenty-day period, no protest nor request for hearing is received by the Santa Fe office, the application will then be processed.

E: If the proposed multiple completion will result in an unorthodox well location and/or a non-standard proration unit in one or more of the producing zones, then separate application for approval of the same should be filed simultaneously with this application.

DIAGRAMMATIC SKETCH SHOWING MULTIPLE COMPLETION INSTALLATION



DATE: 11-15-68 OPERATOR: SOLAR OIL COMPANY LEASE: FANNING "B"
 POOL: IMPERIAL TUBB COUNTY: LEA WELL NO.: 1

Case 14018

SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

Operator SOLAR OIL COMPANY			Lease Fanning "B"			Well No. 1
Location of Well	Unit A	Sec 33	Twp 23-S	Rge 37-E	County Lea	
Name of Reservoir or Pool			Type of Prod (Oil or Gas)	Method of Prod Flow, Art Lift	Prod. Medium (Tbg or Csg)	Choke Size
Upper Compl	Teague Blinebry		Oil	Flow	Tbg.	24/64"
Lower Compl	Imperial Tubb		Oil	Pump	Tbg.	

FLOW TEST NO. 1

Both zones shut-in at (hour, date): 11-3-68 9:00 AM

Well opened at (hour, date): 11-4-68 9:00 AM

	Upper Completion	Lower Completion
Indicate by (X) the zone producing.....	<u>X</u>	<u> </u>
Pressure at beginning of test.....	<u>540</u>	<u>60</u>
Stabilized? (Yes or No).....	<u>Yes</u>	<u>Yes</u>
Maximum pressure during test.....	<u>780</u>	<u>60</u>
Minimum pressure during test.....	<u>540</u>	<u>60</u>
Pressure at conclusion of test.....	<u>780</u>	<u>60</u>
Pressure change during test (Maximum minus Minimum).....	<u>240</u>	<u>0</u>
Was pressure change an increase or a decrease?.....	<u>Increase</u>	<u> </u>

Well closed at (hour, date): 11-5-68 9 AM Total Time On
Production 21-1/2 hrs 0

Oil Production _____ Gas Production _____
During Test: 207 bbls; Grav. _____; During Test _____ MCF; GOR _____

Remarks 1000# charts used on 3000# recorder

FLOW TEST NO. 2

	Upper Completion	Lower Completion
Well opened at (hour, date): <u>1:30 PM 11-6-68</u>		
Indicate by (X) the zone producing.....	<u> </u>	<u>X</u>
Pressure at beginning of test.....	<u>780</u>	<u>60</u>
Stabilized? (Yes or No).....	<u>Yes</u>	<u>Yes</u>
Maximum pressure during test.....	<u>780</u>	<u>240</u>
Minimum pressure during test.....	<u>780</u>	<u>60</u>
Pressure at conclusion of test.....	<u>780</u>	<u>60</u>
Pressure change during test (Maximum minus Minimum).....	<u>0</u>	<u>180</u>
Was pressure change an increase or a decrease?.....	<u> </u>	<u>Increase</u>

Well closed at (hour, date) 12:15 11-7-68 Total time on
Production 0 23 hrs.

Oil Production _____ Gas Production _____
During Test: 34 bbls; Grav. _____; During Test _____ MCF; GOR _____

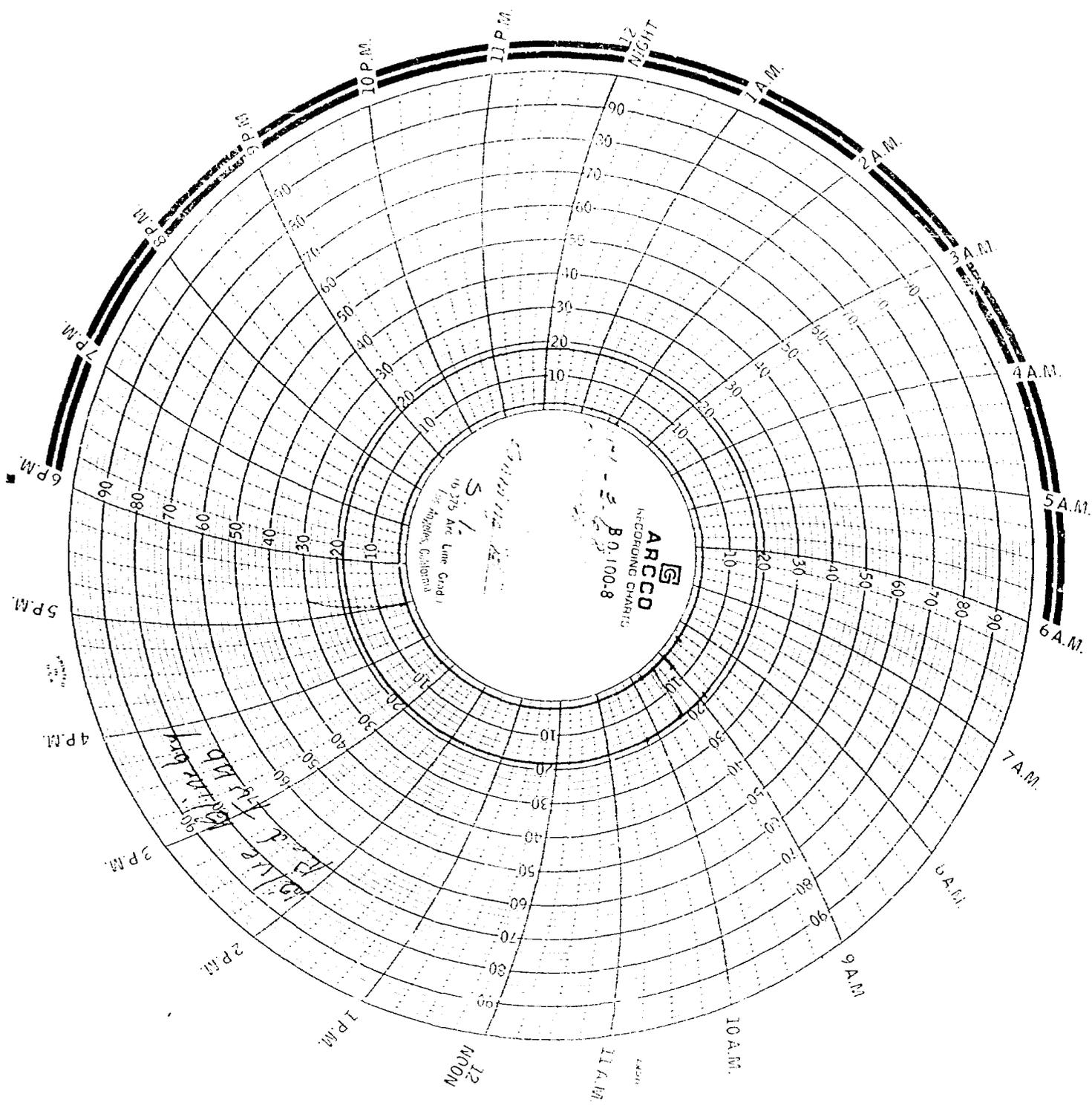
Remarks 1000# charts used on 3000# recorder

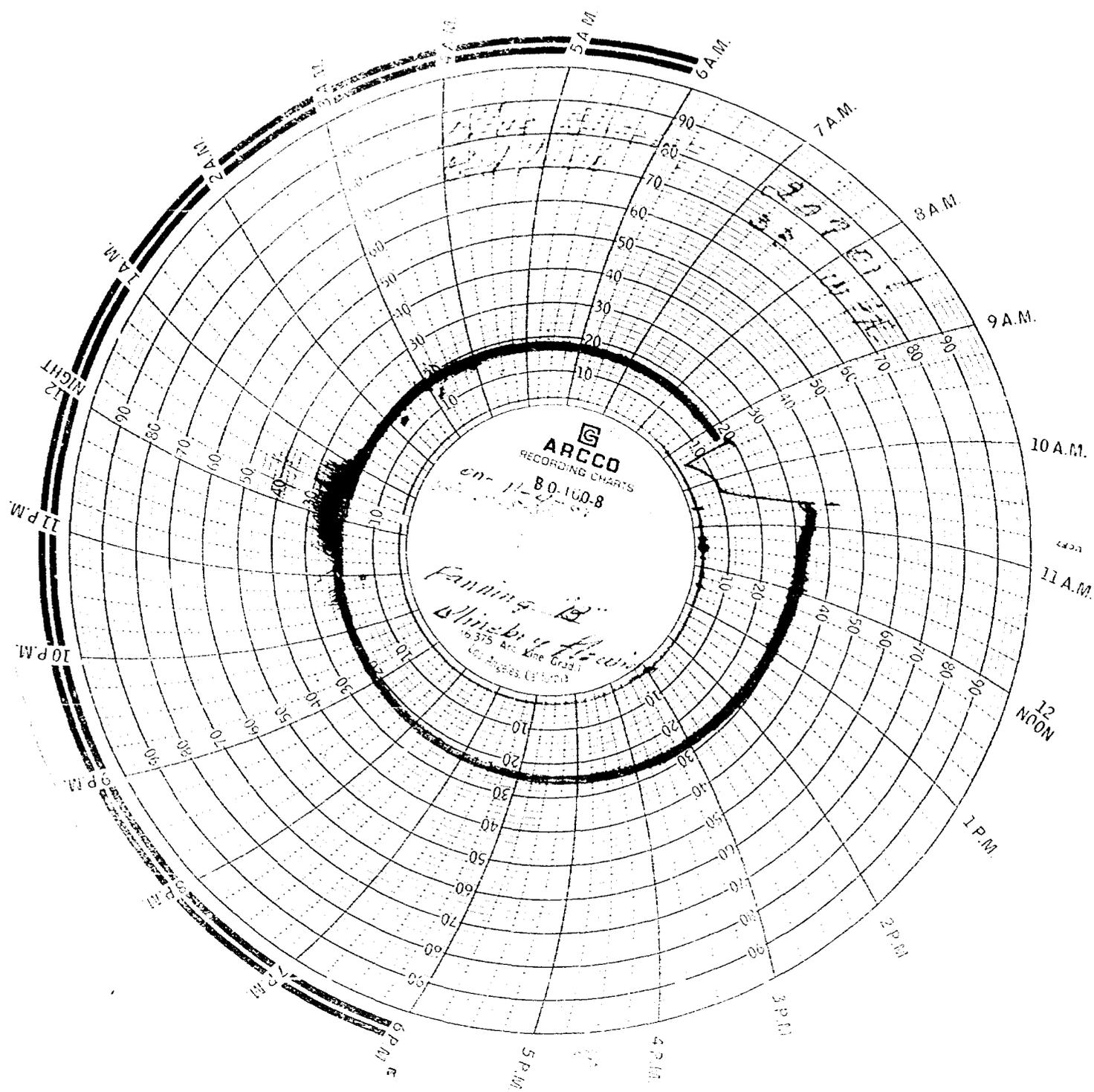
I hereby certify that the information herein contained is true and complete to the best of my knowledge.

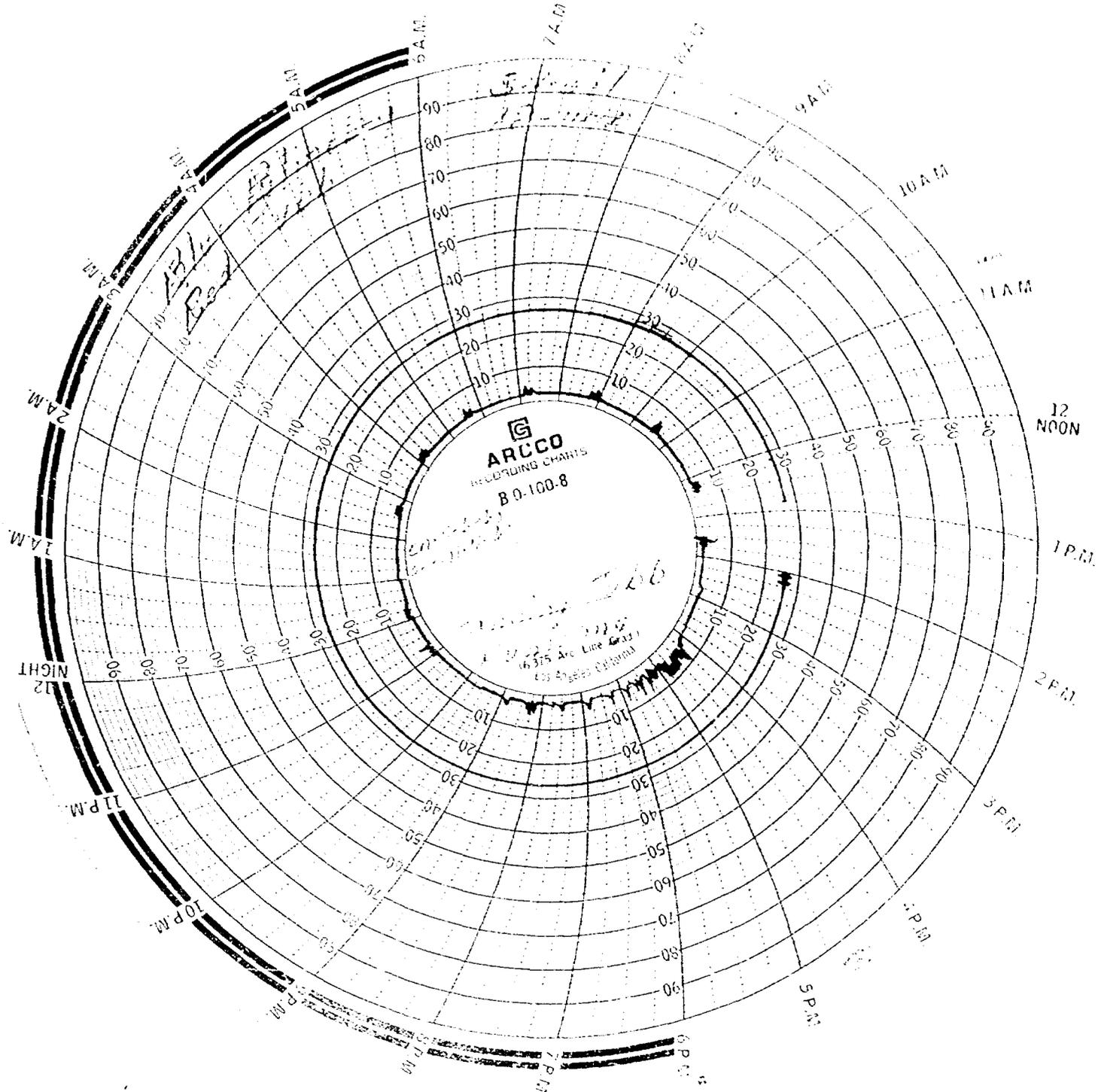
Approved _____ 19_____
New Mexico Oil Conservation Commission

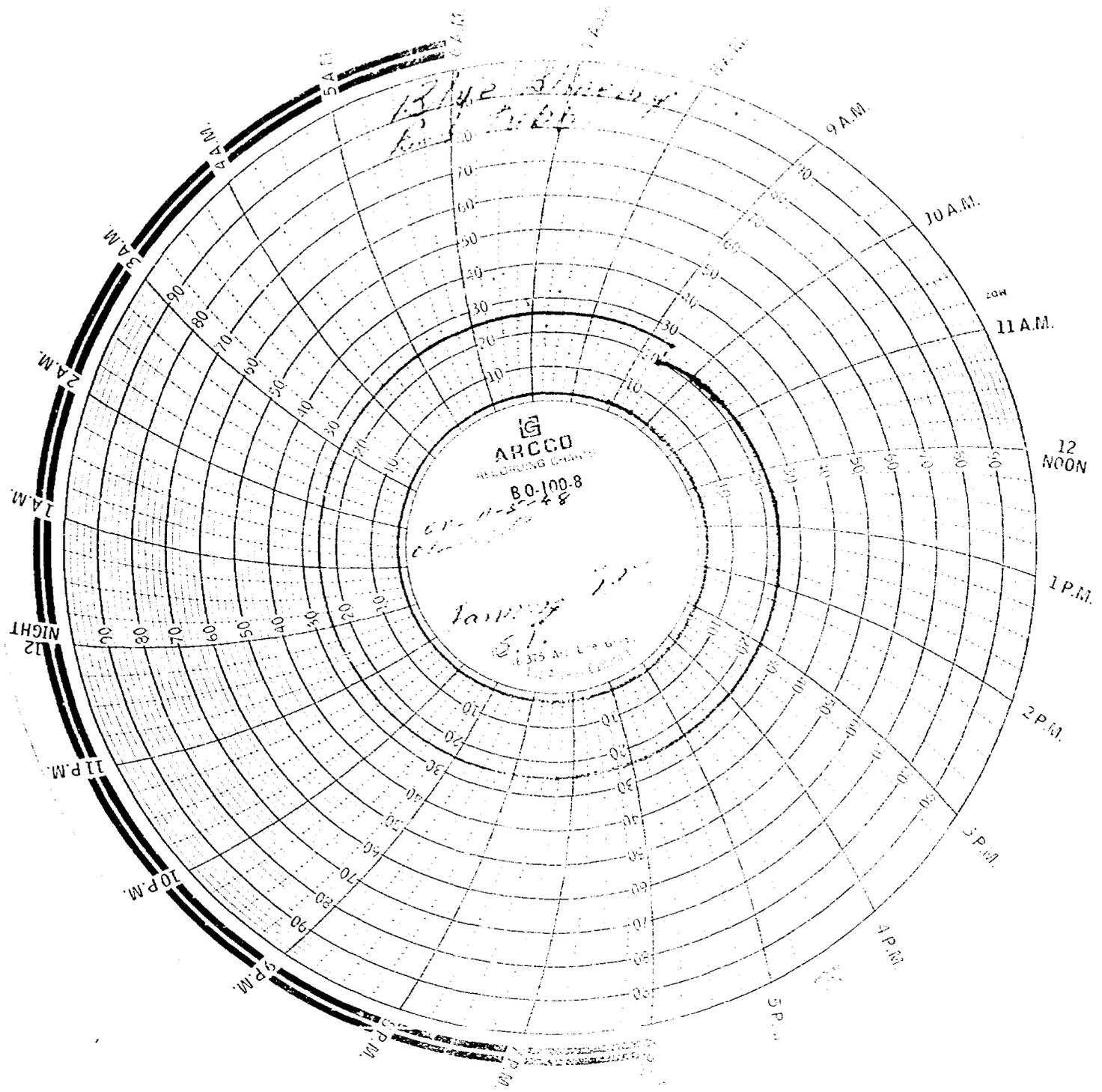
Operator SOLAR OIL COMPANY
By MJ Smith
Title Production Clerk
Date 27 November 68

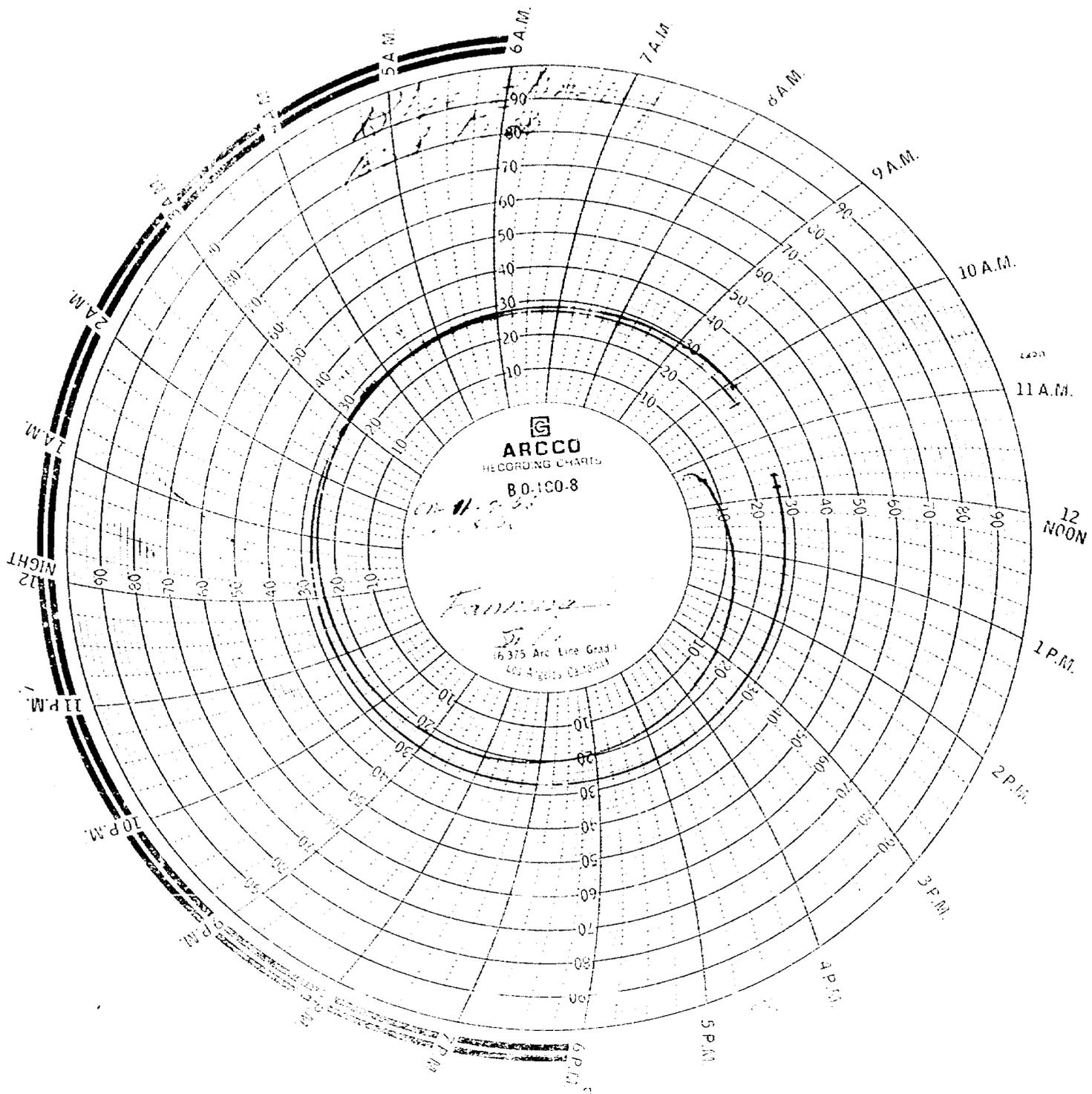
By _____
Title _____











DRAFT

GMH/esr

BEFORE THE OIL CONSERVATION COMMISSION
OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE HEARING
CALLED BY THE OIL CONSERVATION
COMMISSION OF NEW MEXICO FOR
THE PURPOSE OF CONSIDERING:

CASE No. 4018

Order No. R- 3659

APPLICATION OF SOLAR OIL COMPANY
FOR A DUAL COMPLETION, LEA COUNTY,
NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 ~~o'clock~~ a.m. on
January 8, 1969, at Santa Fe, New Mexico, before Examiner
Daniel S. Nutter.

NOW, on this _____ day of January, 1969, the Commission,
a quorum being present, having considered the record and the
recommendations of the Examiner, and being fully advised in the
premises,

FINDS:

- (1) That the applicant's request for ~~dismissal~~ *a dual completion has been* should be granted *administratively by ~~MC-1842~~ Administrative Order No. MC-1842.*
- (2) *That Case No. 4018 should be dismissed.*

IT IS THEREFORE ORDERED:

That Case No. 4018 is hereby dismissed.

DONE at Santa Fe, New Mexico, on the day and year herein-
above designated.