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AMBASSADOR OIL CORPORATION

3109 WINTHROP AVENUE

P. O. Box 9338

FORT WORTH 7, TEXAS

JULY 19, 1960

F. KIRK JOHNSON
PRESIDENT

*write order
for*

RE: APPLICATION FOR ADMINISTRATIVE
APPROVAL FOR CONVERSION OF UNIT
WELL 27-6 TO WATER INJECTION
STATUS, NORTH CAPROCK QUEEN
UNIT No. 2, LEA AND CHAVES
COUNTIES, NEW MEXICO

OIL CONSERVATION COMMISSION
STATE OF NEW MEXICO
SANTA FE, NEW MEXICO

ATTENTION: MR. JAMES E. KAPTEINA

GENTLEMEN:

IN COMPLIANCE WITH YOUR INSTRUCTIONS RECEIVED JULY 18, 1960, WE ARE
RE-SUBMITTING THE SUBJECT APPLICATION.


ATTACHED, IN TRIPLICATE, ARE:

- (1) OUR LETTER OF APPLICATION DATED JULY 7, 1960.
- (2) PHOTOSTATIC COPY OF COMMISSION FORM C-116, DATED SEPTEMBER 11, 1958, INDICATING PRODUCTION OF 7.75 BARRELS OF OIL DURING A TWELVE-HOUR TEST OF WELL No. 27-4.
- (3) PHOTOSTATIC COPY OF COMMISSION FORM C-116, DATED JUNE 9, 1960, INDICATING PRODUCTION OF 36.0 BARRELS OF OIL DURING A TWENTY-FOUR HOUR TEST OF THE No. 27-4 WELL.
- (4) PLAT OF THE AREA INDICATING THE OWNER OF EACH LEASE AND THE LOCATION OF ALL WATER INJECTION WELLS AND PRODUCING WELLS. WELL No. 27-6, PROPOSED FOR CONVERSION, IS CIRCLED IN RED.

AS STATED IN OUR LETTER OF APPLICATION, ALL OFFSET OPERATORS HAVE BEEN NOTIFIED OF THE PROPOSED EXPANSION. FURTHER, OUR LETTER DATED JULY 15, 1960, DIRECTED TO THE ATTENTION OF MR. DAN NUTTER, TRANSMITTED SIGNED WAIVERS FROM EACH OF THE OFFSET OPERATORS.

WE BELIEVE THESE ATTACHMENTS WILL COMPLETE THE REQUIREMENTS OF COMMISSION ORDER R-1053-B, THEREBY ENABLING THE SECRETARY-DIRECTOR TO GRANT APPROVAL OF THE EXPANSION.

VERY TRULY YOURS,

for 
JIMMIE D. CHRISTNER
ASS'T. MGR. ENGINEERING

JBM
ATTACHMENTS

MANHATTAN OFFICE
AMBASSADOR OIL CORPORATION
3109 WINTEROP AVENUE

F. KIRK JOHNSON
PRESIDENT

1960 JUL 11 AM 8:37 PM
P.O. Box 9338
FORT WORTH, TEXAS
JULY 7, 1960
1960 JUL 11 PM 1 13

RE: APPLICATION FOR ADMINISTRATIVE
APPROVAL FOR CONVERSION OF UNIT
WELL 27-6 TO WATER INJECTION
STATUS, NORTH CAPROCK QUEEN
UNIT No. 2, LEA AND CHAVES
COUNTIES, NEW MEXICO

OIL CONSERVATION COMMISSION
STATE OF NEW MEXICO
SANTA FE, NEW MEXICO

GENTLEMEN:

BY DIRECTION OF COMMISSION ORDER No. R-1053-B, DATED JULY 28, 1958, AMBASSADOR OIL CORPORATION, AS OPERATOR OF THE NORTH CAPROCK QUEEN UNIT No. 2, REQUESTS ADMINISTRATIVE APPROVAL FOR THE CONVERSION OF THE ABOVE REFERENCED WELL TO WATER INJECTION STATUS. THIS WELL IS LOCATED IN THE SE/4 SW/4 OF SECTION 11, T-13-S, R-31-E, CHAVES COUNTY, NEW MEXICO.

WE ARE APPLYING FOR EXPANSION OF THIS FLOOD BY VIRTUE OF THE FACT THAT UNIT WELL No. 27-4 HAS RESPONDED TO WATER INJECTION WITH THE LATEST TEST INFORMATION AS FOLLOWS:


<u>PUMP DIA.</u>	<u>DATE</u>	<u>PERIOD</u>	<u>SPM</u>	<u>STROKE</u>	<u>OIL BBLs</u>	<u>WATER BBLs</u>	<u>WATER CUT</u>
1 1/4	5-8	24	14	34	5	0	0
1 1/2	5-28	24	17	34	15	0	0
1 1/2	6-9	24	17	34	36	0	0

WE FEEL THAT UNLESS WELL No. 27-6 IS CONVERTED TO INJECTION STATUS IN THE IMMEDIATE FUTURE, ULTIMATE RECOVERY OF OIL FROM THE CAPROCK QUEEN RESERVOIR WILL BE DECREASED DUE TO AN UNBALANCED FLOOD PATTERN.

TO FURTHER COMPLY WITH COMMISSION ORDER No. R-1053-B, THE ATTACHED PLAT IS FURNISHED SHOWING ALL SURROUNDING OFFSET OPERATORS AND NEAREST WATER INJECTION WELLS. THE WELL PROPOSED TO BE CONVERTED IS OUTLINED IN RED.

WAIVERS FROM OPERATORS OF ALL OFFSET PRODUCING PROPERTIES ARE BEING REQUESTED AND WILL BE FORWARDED TO THE COMMISSION AS SOON AS THEY ARE RECEIVED. THIS IS BEING DONE IN HOPES OF OBTAINING ADMINISTRATIVE APPROVAL WITHOUT HAVING TO WAIT THE FIFTEEN-DAY PERIOD SPECIFIED IN THE COMMISSION ORDER.

VERY TRULY YOURS,


JIMMIE D. CHRISTNER
ASS'T. MGR. ENGINEERING

JDC:JBM
ATTACHMENT

NEW MEXICO OIL CONSERVATION COMMISSION

GAS-OIL RATIO REPORT

OPERATOR AMERICAN OIL CORPORATION POOL CANYON QUEEN
ADDRESS 2101 Winchester, Ft. Worth, Texas MONTH OF July & August, 19 58
SCHEDULED TEST X COMPLETION TEST _____ SPECIAL TEST _____ (Check One)
(See Instructions on Reverse Side)

Lease	Well No.	Date of Test	Producing Method	Choke Size	Test Hours	Daily Allowable Bbls.	Production During Test			GOR Cu. Ft. Per Bbl.
							Water Bbls.	Oil Bbls.	Gas MCF	
North Canyon Queen Well 1	1	7-1	1	•	10	3	0	1.43	1521	1521
	1	7-1	1	•	24	12	0	9.26	1521	1521
	1	7-1	1	•	24	10	0	8.04	1521	1521
	1	7-1	1	•	16	3	0	1.32	1521	1521
	1	7-1	1	•	16	1	0	.60	1521	1521
	1	7-1	1	•	16	30	0	26.39	1521	1521
	1	7-1	1	•	16	2	0	.37	1521	1521
	1	7-1	1	•	8	3	0	1.16	1521	1521
	1	7-1	1	•	10	10	1.16	4.60	1521	1521
	1	7-1	1	•	10	12	4.60	4.30	1521	1521
	1	7-1	1	•	12	7	2.22	7.73	1521	1521
	1	7-1	1	•	8	3	0	1.16	1521	1521
	1	7-1	1	•	12	0	2.45	7.91	1521	1521
	1	7-1	1	•	10	0	0	6.77	1521	1521
	1	7-1	1	•	16	0	1.16	12.72	1521	1521
State of N.M. "T"	1	8-23	1	•	10	3	0	1.73	1521	1521
State of N.M. "U"	1	8-16	1	•	10	3	0	2.76	1521	1521

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 degrees F. Specific gravity base will be 0.60.

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 certify that the information given is true and complete to the best of my knowledge.)

Date September 11, 1958

ILLEGIBLE

AMERICAN OIL CORPORATION
Company
By R. H. Vick
E. E. Vick
Chief Engineer, Secondary Operations
Title

NEW MEXICO OIL CONSERVATION COMMISSION

GAS-OIL RATIO REPORT

OPERATOR Ambassador Oil Corporation POOL Caprock Queen
ADDRESS Box 326 Caprock, New Mexico MONTH OF June, 19 60
SCHEDULED TEST..... COMPLETION TEST..... SPECIAL TEST XX (Check One)
(See Instructions on Reverse Side.)

Lease	Well No.	Date of Test	Producing Method	Choke Size	Test Hours	Daily Allowable Bbls	Production During Test			GOR Cu. Ft Per Bbl
							Water Bbls.	Oil Bbls.	Gas MCF	
North Caprock Queen Unit #2	27-4	6-7	Pump		24	5	0	36	TSTM	TSTM
ILLEGIBLE										

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.

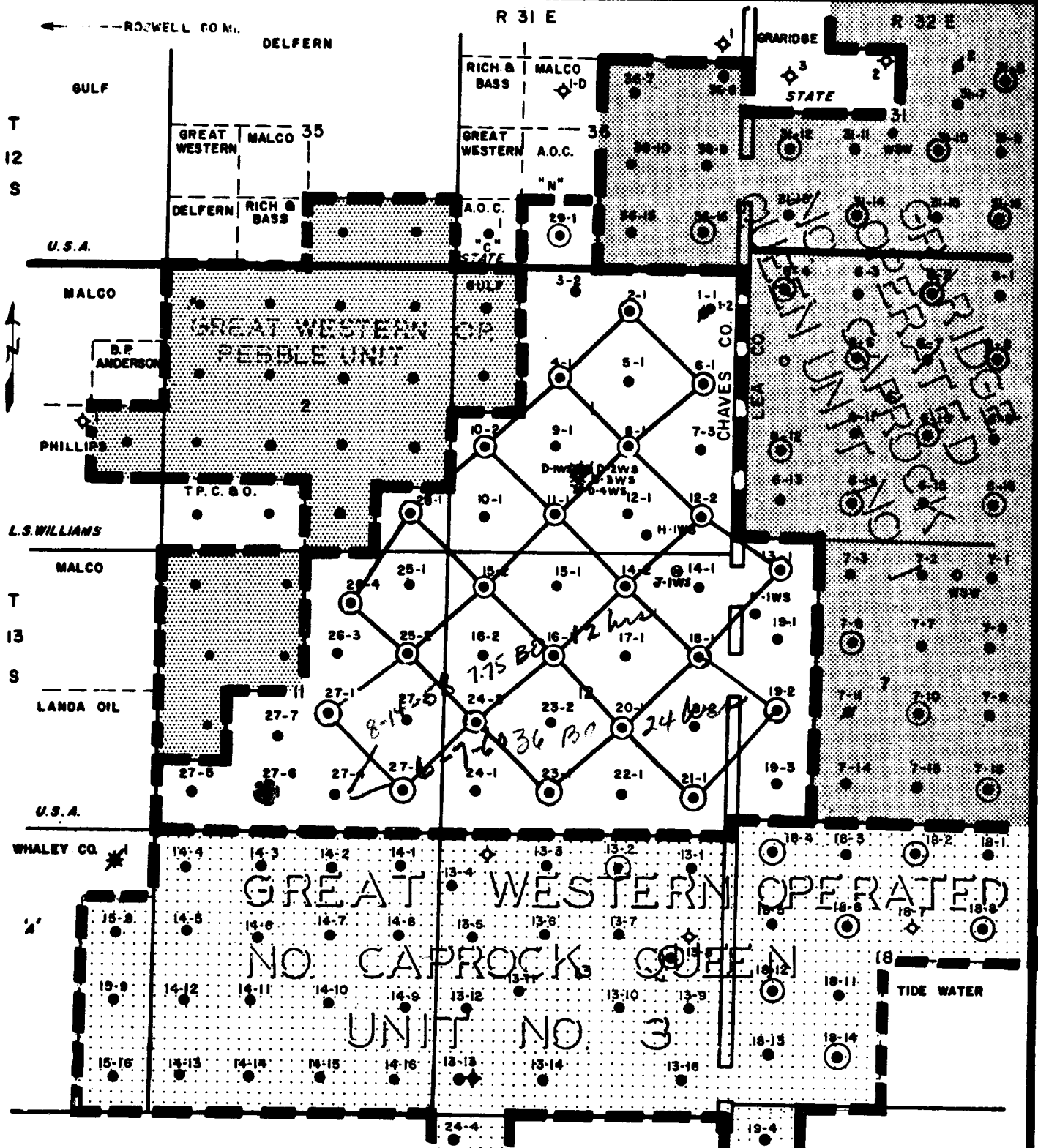
Gas volumes must be reported in MCF measured at a pressure base of 15.025 psia and a temperature of 60 degrees F. Specific gravity base will be 0.60.

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 certify that the information given is true and complete to the best of my knowledge.)

Date 9 June 1960

Ambassador Oil Corporation
Company
By Carl A. Westerman
CARL A. WESTERMAN
PETROLEUM ENGINEER



LEGEND

- PRODUCING WELLS
- ⊙ INJECTION WELL
- ⊙ PROPOSED INJECTION WELL

AMBASSADOR OPERATED

NORTH CAPROCK QUEEN UNIT NO. 2-FLOOD NO. 27
CAPROCK QUEEN POOL, LEA AND
CHAVES COUNTIES, NEW MEXICO.

SCALE
 0 1/2 Mi. 1 Mi.

C.B.M.	7-15-58
B.R.	11-25-58
B.R.	10-25-58

MAIN OFFICE 000

AMBASSADOR OIL CORPORATION

3109 WINTHROP AVENUE

P. O. Box 9338

FORT WORTH 7, TEXAS

JULY 15, 1960

1960 JUL 15 AM 10:24
KIRK JOHNSON
PRESIDENT

RE: APPLICATION FOR ADMINISTRATIVE
APPROVAL FOR CONVERSION OF UNIT
WELL No. 27-6 TO WATER INJECTION
STATUS, NORTH CAPROCK QUEEN UNIT
No. 2, LEA AND CHAVES COUNTIES,
NEW MEXICO (ORDER No. R-1053-B,
DATED JULY 28, 1958)

OIL CONSERVATION COMMISSION
STATE OF NEW MEXICO
SANTA FE, NEW MEXICO

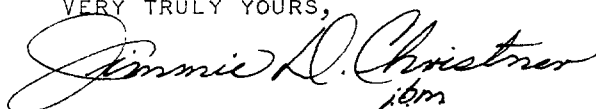
ATTENTION: MR. DAN NUTTER

GENTLEMEN:

IN OUR JULY 7, 1960, LETTER TO YOU REQUESTING ADMINISTRATIVE APPROVAL
OF THE SUBJECT CONVERSION, WE STATED THAT WE HAD REQUESTED WAIVERS
FROM OPERATORS OF ALL OFFSET PRODUCING PROPERTIES.

ATTACHED ARE THE SIGNED WAIVERS NECESSARY TO ELIMINATE THE FIFTEEN-
DAY WAITING PERIOD SPECIFIED IN THE COMMISSION ORDER.

VERY TRULY YOURS,

A handwritten signature in cursive script that reads "Jimmie D. Christner". Below the signature, the initials "jbm" are written in a smaller, simpler script.

JIMMIE D. CHRISTNER
ASS'T. MGR. ENGINEERING

JBM
ATTACHMENTS

AMBASSADOR OIL CORPORATION

Post Office Box 9338

FORT WORTH, TEXAS

JULY 7, 1960

OPERATIONS	
JUL 12 1960	
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<input type="checkbox"/> Prim:	
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RE: CONVERSION OF UNIT WELL 27-6 TO
WATER INJECTION STATUS, NORTH
CAPROCK QUEEN UNIT No. 27-6, LCA
AND CHAVES COUNTIES, NEW MEXICO

GRARIDGE CORPORATION
Post Office Box 752
BRECKENRIDGE, TEXAS

GREAT WESTERN DRILLING COMPANY
Post Office Box 1659
MIDLAND, TEXAS

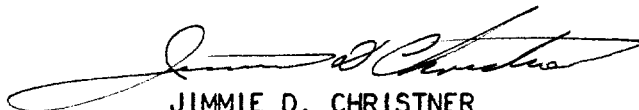
✓ T. P. COAL AND OIL COMPANY
FORT WORTH NATIONAL BANK BUILDING
FORT WORTH, TEXAS

GENTLEMEN:

AMBASSADOR OIL CORPORATION PLANS TO EXPAND THE WATER INJECTION PROGRAM
IN THE ABOVE UNIT BY CONVERSION OF WELL No. 27-6 TO INJECTION STATUS.
THIS WELL IS CIRCLED IN RED ON THE ATTACHED PLAT.

WE HAVE REQUESTED OIL CONSERVATION COMMISSION ADMINISTRATIVE APPROVAL
FOR THIS CONVERSION. IN AN EFFORT TO OBTAIN APPROVAL BEFORE EXPIRATION
OF THE FIFTEEN-DAY PERIOD PROVIDED FOR IN COMMISSION ORDER No. R-1053-B,
WE WOULD GREATLY APPRECIATE YOUR SIGNING AND RETURNING ONE COPY OF THIS
LETTER TO THIS OFFICE AS SOON AS POSSIBLE IF YOU HAVE NO OBJECTIONS TO
THE PROPOSED EXPANSION.

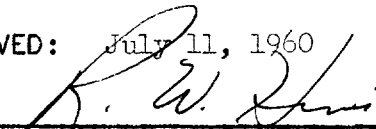
VERY TRULY YOURS,



JIMMIE D. CHRISTNER
Ass't. MGR. ENGINEERING

JDC:JBM
ATTACHMENTS

APPROVED: July 11, 1960

By: 
Vice President, Production

FOR: TEXAS PACIFIC COAL AND OIL COMPANY

AMBASSADOR OIL CORPORATION

POST OFFICE BOX 9338

FORT WORTH, TEXAS

JULY 7, 1960

OPERATIONS	
JUL 11 1960	
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RE: CONVERSION OF UNIT WELL 27-6 TO
WATER INJECTION STATUS, NORTH
CAPROCK QUEEN UNIT No. 2, LEA
AND CHAVES COUNTIES, NEW MEXICO

✓ GRARIDGE CORPORATION
POST OFFICE BOX 752
BRECKENRIDGE, TEXAS

GREAT WESTERN DRILLING COMPANY
POST OFFICE BOX 1659
MIDLAND, TEXAS

T. P. COAL AND OIL COMPANY
FORT WORTH NATIONAL BANK BUILDING
FORT WORTH, TEXAS

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VERY TRULY YOURS,



JIMMIE D. CHRISTNER
ASS'T. MGR. ENGINEERING

JDC:JBM
ATTACHMENTS

APPROVED:

By:

For:

F. H. Garrison
Graridge Corporation

AMBASSADOR OIL CORPORATION

Post Office Box 9338

FORT WORTH, TEXAS

JULY 7, 1960

OPERATIONS	
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RE: CONVERSION OF UNIT WELL 27-6 TO
WATER INJECTION STATUS, NORTH
CAPROCK QUEEN UNIT No. 2, LEA
AND CHAVES COUNTIES, NEW MEXICO

GRARIDGE CORPORATION
Post Office Box 752
BRECKENRIDGE, TEXAS

☒ GREAT WESTERN DRILLING COMPANY
Post Office Box 1659
MIDLAND, TEXAS

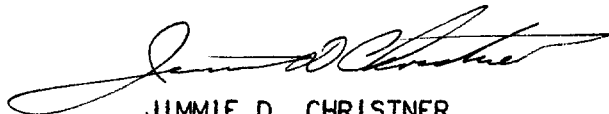
T. P. COAL AND OIL COMPANY
FORT WORTH NATIONAL BANK BUILDING
FORT WORTH, TEXAS

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VERY TRULY YOURS,



JIMMIE D. CHRISTNER
ASS'T. MGR. ENGINEERING

JDC:JBM
ATTACHMENTS

APPROVED:

By:

For:

John J. Lupton
Great Western Drilling Co.