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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:

CASES 249 AND 315  
(Consolidated)  
ORDER No. R-69-A

THE MATTER OF THE APPLICATION OF  
AMERADA PETROLEUM CORPORATION  
FOR AN ORDER ESTABLISHING PRORATION  
UNITS AND UNIFORM SPACING OF WELLS  
FOR THE BAGLEY-SILURO-DEVONIAN POOL,  
LEA COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at Santa Fe, New Mexico, on April 24, 1951 and again on April 15, 1952, before the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission."

NOW, on this 29th day of April 1952, the Commission, a quorum being present, having considered the testimony adduced and the exhibits received at said hearings, and being fully advised in the premises,

FINDS:

(1) That due public notice has been given as required by law, and the Commission has jurisdiction of this cause and all the matters and things relating thereto.

(2) That heretofore, the Commission, by virtue of Order No. R-69, to which reference is hereby made, established 80-acre proration units, establishing a spacing pattern, provided for an allowable equal to one and one-half times the top allowable for a 40-acre proration unit (with deep-pool adaptation), and provided for an exception to the 80-acre drilling pattern with adjustment of allowables.

(3) That Order No. 69, effective May 1, 1951, was a temporary Order, established for a period of one year.

(4) That geological and engineering data now available to the Commission indicates that one well apparently will drain 80 acres, and the Bagley-Siluro-Devonian pool should be developed on 80-acre proration units for a further period of one year.

Cases 249 and 315 (Consolidated)  
Order No. R-69-A

(5) That information presented to the Commission indicates that the adoption of secondary-recovery methods at present is not necessary.

(6) That the operators in the Bagley-Siluro-Devonian pool should present to the Commission a monthly report showing complete production and reservoir information.

(7) That Order No. R-69 should be extended for a period of one year upon the conditions and limitations herein set forth.

IT IS THEREFORE ORDERED:

(1) That Order No. R-69, be, and it hereby is extended for a period of one year from the first day of May 1952, upon the following terms and conditions, to-wit:

(a) That each operator in the Bagley-Siluro-Devonian pool shall file with the Commission office at Santa Fe, New Mexico, on or before the 15th day of each and every month, a monthly tabulated report for each well showing the allowable, the actual oil production, the oil runs, water production, gas production, cumulative oil production, cumulative water production, and cumulative gas production. This requirement is in addition to and supplementary to the other reports and surveys presently required by the Commission, and is not in substitution or in lieu thereof.

(b) That said operators shall cause a pool-wide bottom-hole pressure survey to be taken during the months of July 1952, November 1952, and March 1953, and the results thereof reflecting such pressures of each well shall be submitted in writing to the Commission on or before the fifth day of the following month. (Bottom-hole pressure tests shall be taken as prescribed by Rule 302 of the Commission's Rules and Regulations.)

(c) At the regular Commission hearing for the month of April in 1953, the operators shall show cause why said pool shall not be placed on a 40-acre spacing pattern with allowable adjustment.

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

OIL CONSERVATION COMMISSION - Signed by: Edwin L. Mechem, Chairman;  
Guy Shepard, Member; R. R. Spurrier, Secretary

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. 249  
(Consolidated with Case No. 315)  
Order No. R-69-D

THE MATTER OF THE APPLICATION OF  
THE OIL CONSERVATION COMMISSION  
UPON ITS OWN MOTION FOR AN ORDER  
DIRECTED TO THE OPERATORS IN THE  
BAGLEY-SILURO-DEVONIAN POOL, LEA  
COUNTY, NEW MEXICO, TO SHOW CAUSE  
WHY SAID POOL SHOULD NOT BE PLACED  
ON 40-ACRE SPACING WITH ALLOWABLE  
ADJUSTMENT, UPON EXPIRATION OF  
TEMPORARY ORDER.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing on May 19, 1954, at Santa Fe, New Mexico, before the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission".

NOW, on this 30<sup>th</sup> day of June, 1954, the Commission, a quorum being present, having considered the testimony adduced and exhibits received at said hearings, and being fully advised in the premises,

FINDS:

(1) That due notice having been given and proper service had upon the operators in said pool as required by law, the Commission has jurisdiction of this cause.

(2) That originally the Commission issued Temporary Order R-69, effective May 1, 1951, to and including May 1, 1952, authorizing the development and production of the Bagley-Siluro-Devonian Pool on an 80-acre spacing pattern with 80-acre proration units.

(3) That thereafter and prior to the expiration of Order R-69, the Commission after due notice and hearing issued Order R-69-A, which granted an extension of Order R-69, as modified, for a period of one year from and after May 1, 1952.

(4) That thereafter and prior to the expiration of Order R-69-A as modified by Order R-69-B, the Commission after due notice and hearing issued Order R-69-C, effective June 1, 1953, to and including June 1, 1954, which authorized the development and production of the Bagley-Siluro-Devonian Pool on an 80-acre spacing pattern with 80-acre proration units.

(5) That for the prevention of waste and in the interests of conservation, the provisions of said Commission Temporary Order R-69-C, as hereinafter modified and set forth, should be made permanent.

Order No. R-69-D

IT IS THEREFORE ORDERED:

(a) That 80-acre spacing of wells and establishment of 80-acre proration units in the Bagley-Siluro-Devonian Pool, Lea County, New Mexico, described as:

Township 11 South, Range 33 East, NMPM  
All Section 34; NW/4 and S/2 Section 35

Township 12 South, Range 33 East, NMPM  
N/2 and SE/4 of Section 3; all of Section 2;  
E/2 NW/4 and N/2 NE/4 of Section 11

be, and the same is hereby authorized; such proration units to consist of the E/2 and the W/2 respectively of each governmental survey quarter section therein and the well location thereon shall be in the center (permissive tolerance 150 feet) of the northwest and southeast quarter sections thereof.

PROVIDED, HOWEVER, that the following described units do, and shall constitute permissible exceptions to the spacing and proration unit plan aforesaid:

Township 11 South, Range 33 East, NMPM  
N/2 NW/4 of Section 35; S/2 NW/4 of Section 35

Township 12 South, Range 33 East, NMPM  
N/2 NW/4 of Section 3; S/2 NW/4 of Section 3;  
N/2 NE/4 of Section 2; SW/4 NE/4 and NW/4 SE/4 of  
Section 2; SE/4 NE/4 and NE/4 SE/4 of Section 2;  
S/2 SE/4 of Section 2;  
N/2 NE/4 of Section 11

(b) That no well shall be drilled or produced in said pool except it be in conformity with the spacing and proration unit pattern hereinabove authorized unless, after notice and hearing, a special order of authorization is had and obtained from the Commission.

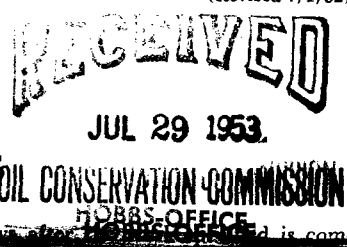
(c) That should any well be drilled off-pattern, under authority of any special order, then, and in that event, the same shall be entitled only to an allowable equal to that of a standard 40-acre proration unit with deep pool adaptation as provided by Commission rules. Nothing contained in this order shall be construed as requiring by the Commission the drilling of any wells at any location.

IT IS FURTHER ORDERED: That the Bagley-Siluro-Devonian Pool and the 80-acre proration units therein, hereby established and confirmed, be and the same hereby are granted an allowable equal to the top allowable for wells in the Bagley-Siluro-Devonian depth range, calculated by the use of the 80-acre proportional factor as provided for in Rule 505 of the Rules and Regulations of this Commission, together with the acreage factor, if any there be;

PROVIDED HOWEVER, that no well in such pool will be assigned an allowable greater than the amount of oil produced on official gas-oil ratio tests during a 24-hour period in compliance with Rule 301 of the said Rules and Regulations.

NEW MEXICO OIL CONSERVATION COMMISSION  
Santa Fe, New Mexico

## MISCELLANEOUS REPORTS ON WELLS



Submit this report in TRIPLICATE to the District Office, Oil Conservation Commission, within 10 days after the work is completed. It should be signed and filed as a report on Beginning Drilling Operations, Results of test of casing shut-off, result of plugging of well, result of well repair, and other important operations, even though the work was witnessed by an agent of the Commission. See additional instructions in the Rules and Regulations of the Commission.

Indicate Nature of Report by Checking Below

REPORT ON BEGINNING DRILLING OPERATIONS		REPORT ON RESULT OF TEST OF CASING SHUT-OFF		REPORT ON REPAIRING WELL	
REPORT ON RESULT OF PLUGGING WELL		REPORT ON RECOMPLETION OPERATION		REPORT ON (Other) <b>BHP SURVEY</b>	

July 24, 1953

(Date)

Tatum, New Mexico

(Place)

Following is a report on the work done and the results obtained under the heading noted above at the

**Amerada Petroleum Corporation**

(Company or Operator)

(Lease)

(Contractor)

Well No. **All** in the  $\frac{1}{4}$   $\frac{1}{4}$  of Sec.T. **Bagley Siluro-Devonian** Pool, **Lea** County.The Dates of this work were as follows: **July 1 & 2, 1953**

Notice of intention to do the work (was) (was not) submitted on Form C-102 on \_\_\_\_\_, 19\_\_\_\_.

(Cross out incorrect words)

and approval of the proposed plan (was) (was not) obtained.

**Subsea datum: -6700'****BHT @ datum: 178° F**

## DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

Lease	Well No.	Elev. of	Top of Prod. Form.	Date of Test	Shut In Time	Run Depth	BHP @ Run Depth	BHP @ Datum
Candle	2	4266'	11,012'	7-2	51/20	10,966'	4084	4084
Candle	5	4256'	10,860'	7-2	56/40	10,946'	4168	4173
Chambers	1	4250'	11,010'	7-2	58/05	10,950'	4097	4097
Mathers	1	4254'	10,934'	7-2	68/16	10,934'	4176	4185
Mathers "A"	1	4257'	10,938'	7-2	55/09	10,957'	4064	4064
Mathers "A"	2	4260'	10,960'	7-2	53/56	10,960'	4173	4173
State BT "A"	1	4246'	10,950'	7-1	50/31	10,926'	4173	4182
State BT "C"	1	4252'	10,959'	7-1	49/32	10,722'	4097	4173
State BT "C"	3	4252'	10,895'	7-1	48/26	10,942'	4176'	4179
State BT "D"	1	4250'	10,900'	7-1	57/09	10,950'	4124	4124
State BT "D"	2	4249'	10,699'	7-1	53/55	10,749'	3306	3394
State BT "D"	3	4247'	10,792'	7-1	54/59	10,527'	3928	4079

Witnessed by **Wm. M. Capps**  
(Name)**Amerada Petroleum Corporation**  
(Company)**Engineer**  
(Title)

Approved:

OIL CONSERVATION COMMISSION

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

Name **K. V. Stephenson**Position **Assistant District Superintendent**Representing **Amerada Petroleum Corporation**Address **Roswell Star Route, Tatum, New Mexico****Engineer District 1**

(Title)

**JUL 29 1953**

(Date)

NEW MEXICO OIL CONSERVATION COMMISSION  
Santa Fe, New Mexico

## MISCELLANEOUS REPORTS ON WELLS

Submit this report in TRIPLICATE to the District Office, Oil Conservation Commission, within 10 days after the work specified is completed. It should be signed and filed as a report on Beginning Drilling Operations, Results of test of casing shut-off, result of plugging of well, result of well repair, and other important operations, even though the work was witnessed by an agent of the Commission. See additional instructions in the Rules and Regulations of the Commission.

Indicate Nature of Report by Checking Below

REPORT ON BEGINNING DRILLING OPERATIONS		REPORT ON RESULT OF TEST OF CASING SHUT-OFF		REPORT ON REPAIRING WELL	
REPORT ON RESULT OF PLUGGING WELL		REPORT ON RECOMPLETION OPERATION		REPORT ON (Other) BHP SURVEY	

March 31, 1953 Monument, New Mexico  
(Date) (Place)

Following is a report on the work done and the results obtained under the heading noted above at the

Amerada Petroleum Corporation  
(Company or Operator) (Lease)

Well No. All in the 1/4 1/4 of Sec.  
(Contractor)

T. R. NPM, Bagley-Siluro-Devonian Pool, Lea County.

The Dates of this work were as follows:

Notice of intention to do the work (was) (was not) submitted on Form C-102 on \_\_\_\_\_, 19\_\_\_\_,  
(Cross out incorrect words)

and approval of the proposed plan (was) (was not) obtained.

Subseadatum: -6700'

BHT @ Datum: 178°F.

## DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

LEASE	WELL NO.	ELEV	TOP OF PROD. FORM.	DATE OF TEST	SHUT IN TIME	RUN DEPTH	BHP@ RUN DEPTH	BHP : DATUM
Caudle	2	4266'	11,012'	3-13	49	10,966'	4087	4087
Caudle	5	4256'	10,860'	3-13	52	10,941'	4141	4146
Chambers	1	4250'	11,010'	3-14	51	10,950'	4101	4101
Mathers	1	4254'	10,934'	3-19	49	10,932'	4169	4176
Mathers "A"	1	4257'	10,938'	3-13	50	10,957'	4072	4072
Mathers "A"	2	4260'	10,960'	3-14	49	10,960'	4166	4166
State BT"A"	1	4246'	10,950'	3-13	50	10,926'	4186	4194
State BT"C"	1	4252'	10,959'	3-14	50	10,720'	4194	4191
State BT"C"	3	4252'	10,895'	3-13	50	10,940'	4229	4232

Witnessed by W. G. Abbott Amerada Petroleum Corporation Petroleum Engineer  
(Name) (Company) (Title)

Approved: OIL CONSERVATION COMMISSION

Ray J. Garbrough  
(Name)  
(Title)  
(Date)

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

Name: [Signature]  
Position: Assistant District Superintendent  
Representing: Amerada Petroleum Corporation  
Address: Drawer D, Monument, New Mexico

# NEW MEXICO OIL CONSERVATION COMMISSION Santa Fe, New Mexico

## MISCELLANEOUS REPORTS ON WELLS

Submit this report in TRIPLICATE to the District Office, Oil Conservation Commission, within 10 days after the work specified is completed. It should be signed and filed as a report on Beginning Drilling Operations, Results of test of casing shut-off, result of plugging of well, result of well repair, and other important operations, even though the work was witnessed by an agent of the Commission. See additional instructions in the Rules and Regulations of the Commission.

Indicate Nature of Report by Checking Below

REPORT ON BEGINNING DRILLING OPERATIONS		REPORT ON RESULT OF TEST OF CASING SHUT-OFF		REPORT ON REPAIRING WELL	
REPORT ON RESULT OF PLUGGING WELL		REPORT ON RECOMPLETION OPERATION		REPORT ON (Other) BHP SURVEY	

March 31, 1953 Monument, New Mexico  
(Date) (Place)

Following is a report on the work done and the results obtained under the heading noted above at the

Amerada Petroleum Corporation (Company or Operator) (Lease)

(Contractor), Well No. in the 1/4 1/4 of Sec.

T., R., NMPM., Bagley Siluro-Devonian Pool, Lea County.

The Dates of this work were as follows:

Notice of intention to do the work (was) (was not) submitted on Form C-102 on (Cross out incorrect words) 1953, 19.

and approval of the proposed plan (was) (was not) obtained.

### DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

LEASE	WELL NO.	ELEV. df	TOP OF PROD. FORM.	DATE OF TEST	SHUT IN TIME	RUN DEPTH	BHP @ RUN DEPTH	BHP @ DATUM
State BT"D"	1	4250'	10,900'	3-13	50	10,950'	4150	4150
State BT"D"	2	4249'	10,699'	3-13	50	10,749'	3427	3481
State BT"D"	3	4247'	10,792'	3-14	51	10,527'	3883	4038
State BT"I"	1	4250'	10,922'	3-13	50	10,940'	4158	4161
State BT"L"	1	4245'	10,840'	3-14	50	10,900'	4142	4155
State BT"M"	1	4255'	10,976'	3-13	49	10,955'	4194	4194
State BT"N"	1	4258'	10,850'	3-13	50	10,949'	4172	4174

Witnessed by W. G. Abbott (Name) Amerada Petroleum Corporation (Company) Petroleum Engineer (Title)

Approved:

OIL CONSERVATION COMMISSION

Roy Yankovitch (Name)  
(Title)

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

Name: (Signature)

Position: Assistant District Superintendent

Representing: Amerada Petroleum Corporation

Address: Drawer D, Monument, New Mexico

Also being submitted are the results of the Bottom Hole Pressure tests @ -6700' taken in March, 1953.

<u>Lease and Well</u>	<u>Shut In Time</u>	<u>BHP</u>
State "B" a/c-1 Well #1	74 hrs.	4180
State "B" a/c-1 Well #2	58 "	4157
State "C" a/c-1 Well #1	52 "	4185
State "C" a/c-1 Well #2	72 "	4200
State "C" a/c-1 Well #3	56 "	4135

Very truly yours,

TEXAS PACIFIC COAL AND OIL CO.

*John Yuronka*

John Yuronka,  
District Engineer



ORIGINAL

## NEW MEXICO OIL CONSERVATION COMMISSION

## MISCELLANEOUS REPORTS ON WELLS

RECEIVED

AUG 11 1952

Submit this report in triplicate to the Oil Conservation Commission District Office within ten days after the work specified is completed. It should be signed and filed as a report on beginning drilling operations, results of shooting well, results of test of casing shut off, result of plugging of well, and other important operations, even though the work was witnessed by an agent of the Commission. See additional instructions in the Rules and Regulations of the Commission.

Indicate nature of report by checking below.

REPORT ON BEGINNING DRILLING OPERATIONS		REPORT ON REPAIRING WELL	
REPORT ON RESULT OF SHOOTING OR CHEMICAL TREATMENT OF WELL		REPORT ON PULLING OR OTHERWISE ALTERING CASING	
REPORT ON RESULT OF TEST OF CASING SHUT-OFF		REPORT ON DEEPENING WELL	
REPORT ON RESULT OF PLUGGING OF WELL		Report on Bottom Hole Pressure Survey	

July 22, 1952

Monument, New Mexico

Date

Place

Following is a report on the work done and the results obtained under the heading noted above at the Amerada

Petroleum Corporation

Company or Operator

Lease

of Sec.

T.

N. M. P. M.,

Bagley-Siluro Devonian

Pool

County.

The dates of this work were as follows: July 7th & 14th, 1952

Notice of intention to do the work was (was not) submitted on Form C-102 on 19 and approval of the proposed plan was (was not) obtained. (Cross out incorrect words.)

Subsea datum: -6700'  
BHT @ datum: 178 F.

## DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

LEASE	WELL NO.	ELEV. df	TOP OF PROD. FORMATION	DATE TEST	SHUT-IN TIME	RUN DEPTH	BHP @ RUN DEPTH	BHP @ DEPTH DATUM
Caudle	2-D	4266	11,012	7-7	54	10,966	4147	4147
Caudle	5	4256	10,860	7-14	53	10,941	4202	4208
Chambers	1	4250	11,010	7-14	53	10,950	4172	4172
Mathers	1	4254	10,934	7-14	49	10,932	4168	4178
Mathers "A"	1	4257	10,938	7-14	51	10,957	4140	4140
Mathers "A"	2	4260	10,960	7-7	53	10,960	4229	4229
State BTA	1	4246	10,950	7-14	50	10,926	4215	4221
State BTC	1	4252	10,959	7-7	55	10,720	4126	4206
State BTC	3	4252	10,895	7-7	55	10,940	4213	4217
State BTD	1	4250	10,900	7-14	53	10,950	4185	4185
State BTD	2	4249	10,699	7-7	53	10,835	3685	3729
State BTD	3	4247	10,792	7-7	52	10,530	3878	4030

Witnessed by W. G. Abbott Amerada Petroleum Corporation Petr. Engr.

Name

Company

Title

APPROVED:  
OIL CONSERVATION COMMISSION

Roy Zuercher  
Oil & Gas Inspector  
Name  
Title

AUG 8 1952

Date

19

I hereby swear or affirm that the information given above is true and correct.

Name Dw. Tapp

Position Assistant District Superintendent

Representing Amerada Petroleum Corporation

Company or Operator

Address Drawer "D", Monument, New Mexico

**ORIGINAL** NEW MEXICO OIL CONSERVATION COMMISSION  
**MISCELLANEOUS REPORTS ON WELLS**

**RECEIVED**  
 AUG 7 1952

Submit this report in triplicate to the Oil Conservation Commission District Office within ten days after the work is completed. It should be signed and filed as a report on beginning drilling operations, results of shooting well, results of test of casing shut off, result of plugging of well, and other important operations, even though the work was witnessed by an agent of the Commission. See additional instructions in the Rules and Regulations of the Commission.

Indicate nature of report by checking below.

REPORT ON BEGINNING DRILLING OPERATIONS	REPORT ON REPAIRING WELL
REPORT ON RESULT OF SHOOTING OR CHEMICAL TREATMENT OF WELL	REPORT ON PULLING OR OTHERWISE ALTERING CASING
REPORT ON RESULT OF TEST OF CASING SHUT-OFF	REPORT ON DEEPENING WELL
REPORT ON RESULT OF PLUGGING OF WELL	Report on Bottom Hole Pressure Survey

July 22, 1952

Monument, New Mexico

Date

Place

Following is a report on the work done and the results obtained under the heading noted above at the Amerada

Petroleum Corporation

Company or Operator

Well No. All in the

Lease

of Sec. \_\_\_\_\_, T. \_\_\_\_\_, R. \_\_\_\_\_, N. M. P. M.,

Bagley-Siluro Devonian Pool Lea County.

The dates of this work were as follows: July 7th & 14th, 1952

Notice of intention to do the work was (was not) submitted on Form C-102 on \_\_\_\_\_ 19\_\_\_\_ and approval of the proposed plan was (was not) obtained. (Cross out incorrect words.) Subsea datum: -6700'  
 BHT @ datum: 178 F.

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

LEASE	WELL NO.	ELEV. df	TOP OF PROD. FORMATION	DATE TEST	SHUT-IN TIME	RUN DEPTH	BHP @ RUN DEPTH	BHP @ DATUM
State BTI	1	4250	10,922	7-14	51	10,936	4188	4193
State BTL	1	4245	10,840	7-14	49	10,900	4161	4177
State BTM H	1	4255	10,976	7-7	56	10,955	4202	4202
State BTN P	1	4258	10,850	7-7	54	10949	4194	4197

OIL CONSERVATION COMMISSION  
 SANTA FE, NEW MEXICO  
**RECEIVED**  
 AUG 11 1952

Witnessed by W. G. Abbott  
 Name

Amerada Petroleum Corporation  
 Company

Petr. Engr.  
 Title

APPROVED:  
 OIL CONSERVATION COMMISSION

Ray J. Yarbrough  
 Oil & Gas Inspector  
 Name  
 Title  
 Date AUG 8 1952

I hereby swear or affirm that the information given above is true and correct.

Name Dwight

Position Assistant District Superintendent

Representing Amerada Petroleum Corporation  
 Company or Operator

Address Drawer "D", Monument, New Mexico

## NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

## MISCELLANEOUS REPORTS ON WELLS

Submit this report in TRIPLICATE to the District Office, Oil Conservation Commission, within 10 days after the work specified is completed. It should be signed and filed as a report on Beginning Drilling Operations, Results of test of casing shut-off, result of plugging of well, result of well repair, and other important operations, even though the work was witnessed by an agent of the Commission. See additional instructions in the Rules and Regulations of the Commission.

## Indicate Nature of Report by Checking Below

REPORT ON BEGINNING DRILLING OPERATIONS		REPORT ON RESULT OF TEST OF CASING SHUT-OFF		REPORT ON REPAIRING WELL	
REPORT ON RESULT OF PLUGGING WELL		REPORT ON RECOMPLETION OPERATION		REPORT ON (Other) BHP SURVEY	

December 15, 1952 Monument, New Mexico  
(Date) (Place)

Following is a report on the work done and the results obtained under the heading noted above at the

Amerada Petroleum Corporation

(Company or Operator)

(Lease)

(Contractor)

Well No. ALL in the 1/4 of Sec.

T. R. NMPM. Bagley Siluro-Devonian Pool, Lea County.

The Dates of this work were as follows:

Notice of intention to do the work (was) (was not) submitted on Form C-102 on 19, (Cross out incorrect words)

and approval of the proposed plan (was) (was not) obtained.

Subsea Datum - 6700  
BHT @ Datum 178°F.

LEASE	Well No.	Elev. of	Top of	formation	Test	Time	Run	BHP	BHP
							Depth	Run	Datum
Caudle	2	4266'	11,012'	11-3	50	10,966'	4108	4108	
Caudle	5	4256'	10,800'	11-3	53	10,946'	3977	3981	
Chambers	1	4250'	11,010'	11-5	48	10,950'	4139	4139	
Mathers	1	4254'	10,934'	11-5	52	10,934'	4155'	4164	
Mathers "A"	1	4257'	10,938'	11-3	51	10,957'	4114	4114	
Mathers "A"	2	4260'	10,960'	11-5	50	10,960'	4210	4210	
State BT "A"	1	4246'	10,950'	11-5	51	10,926'	4206'	4213	
State BT "C"	1	4252'	10,959'	11-3	51	10,722'	4122	4200	
State BT "C"	3	4252'	10,895'	11-3	54	10,942'	4207	4210	

Witnessed by W. G. Abbott Amerada Petroleum Corporation Petroleum Engineer  
(Name) (Company) (Title)

Approved: OIL CONSERVATION COMMISSION

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

Name *DW [Signature]*

Position Assistant District Superintendent

Representing Amerada Petroleum Corporation

Address Drawer "D", Monument, New Mexico

(Title)

(Date)

# TEXAS PACIFIC COAL AND OIL COMPANY

FIELD OFFICE

December 3, 1952

PLEASE ADDRESS REPLY TO COMPANY AT  
P. O. Box 1688  
Hobbs, New Mexico

Mr. W. B. Macey, Chief Engineer  
Oil Conservation Commission  
Box 871  
Santa Fe, New Mexico

Dear Sir:

In accordance with Order No. R-69-A, the results of the Bottom Hole Pressure tests @ -6700' taken in November, 1952, on Texas Pacific Coal and Oil Company's wells in the Bagley Siluro/Devonian Pool, Lea County, N. M., are as follows:

<u>Lease and Well</u>	<u>Shut In Time</u>	<u>BHP</u>
State "B" a/c-1 Well #1	50 hrs.	4206
State "B" a/c-1 Well #2	51 "	4147
State "C" A/c-1 Well #1	54 "	4211
State "C" a/c-1 Well #2	56 "	4206
State "C" a/c-1 Well #3	58 "	4153
State "D" a/c-1 Well #1	80 "	4215

Very truly yours,

*John Yuronka*

John Yuronka,  
District Engineer

# TEXAS PACIFIC COAL AND OIL COMPANY

FIELD OFFICE

August 4, 1952

PLEASE ADDRESS REPLY TO COMPANY AT

P. O. Box 1688  
Hobbs, New Mexico

Oil Conservation Commission  
Santa Fe, New Mexico

Dear Sir:

In accordance with Order No. R-69-A, the results of the Bottom Hole Pressure tests @ -6700' taken in July, 1952, on Texas Pacific Coal and Oil Company's wells in the Bagley Siluro/Devonian Pool are as follows:

<u>Lease and Well</u>	<u>Shut In Time</u>	<u>BHP</u>
State "B" a/c-1, Well #1	72 hrs.	4283
State "B" a/c-1, Well #2	" "	4138
State "C" a/c-1, Well #1	" "	4291
State "C" a/c-1, Well #2	" "	4238
State "C" a/c-1, Well #3	" "	4218

Very truly yours,

*John Yuronka*

John Yuronka,  
District Engineer

**NEW MEXICO OIL CONSERVATION COMMISSION**  
**Santa Fe, New Mexico**

**MISCELLANEOUS REPORTS ON WELLS**

Submit this report in TRIPLICATE to the District Office, Oil Conservation Commission, within 10 days after the work specified is completed. It should be signed and filed as a report on Beginning Drilling Operations, Results of test of casing shut-off, result of plugging of well, result of well repair, and other important operations, even though the work was witnessed by an agent of the Commission. See additional instructions in the Rules and Regulations of the Commission.

**Indicate Nature of Report by Checking Below**

REPORT ON BEGINNING DRILLING OPERATIONS		REPORT ON RESULT OF TEST OF CASING SHUT-OFF		REPORT ON REPAIRING WELL	
REPORT ON RESULT OF PLUGGING WELL		REPORT ON RECOMPLETION OPERATION		REPORT ON (Other) BHP SURVEY	

..... December 15, 1952 ..... Monument, New Mexico .....  
 (Date) (Place)

Following is a report on the work done and the results obtained under the heading noted above at the

..... Amerada Petroleum Corporation .....  
 (Company or Operator) (Lease)

....., Well No. .... in the ..... 1/4 ..... 1/4 of Sec. ....  
 (Contractor)

T....., R....., NMPM, Bagley Siluro-Devonian Pool, Lea County.

The Dates of this work were as follows: .....

Notice of intention to do the work (was) (was not) submitted on Form C-102 on ....., 19.....

and approval of the proposed plan (was) (was not) obtained.

(Cross out incorrect words)  
Subsea Datum - 6700  
BHT @ Datum - 178°F.

**DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED**

LEASE	WELL NO.	ELEV. of	TOP OF PROD. FORM.	DATE OF TEST	SHUT IN TIME	RUN DEPTH	BHP @ RUN DEPTH	BHP @ DATUM
State BT"D"	1	4250'	10,900'	11-5	50	10,950	4169	4169
State BT"D"	2	4249'	10,699'	11-5	48	10,749	3430	3501
State BT"D"	3	4247'	10,792'	11-3	49	10,527	3939	4092
State BT"I"	1	4250'	10,922'	11-3	57	10,940	4195	4198
State BT"L"	1	4245'	10,840'	11-5	53	10,900	4136	4151
State BT"M"	1	4255'	10,976'	11-3	52	10,955	4184	4184
State BT"N"	1	4258'	10,850'	11-5	53	10,949	4180	4183

OIL CONSERVATION COMMISSION  
 SANTA FE, NEW MEXICO.

**RECEIVED**  
 DEC 17 1952

Witnessed by..... W. G. Abbott ..... Amerada Petroleum Corporation ..... Petroleum Engineer .....  
 (Name) (Company) (Title)

Approved: OIL CONSERVATION COMMISSION

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

Name..... Dwight .....

Position..... Assistant District Superintendent .....

Representing..... Amerada Petroleum Corporation .....

Address..... Drawer "D", Monument, New Mexico .....

(Title)

(Date)

Pool Datum -6700' Nominal Shut-In Time 48 hrs.

COMPANY LEASE	WELL	UNIT	S.T.R.	ELEV.	DATE PRESS.	SHUT-IN TIME Hrs/min	GAUGE DEPTH	BHP @ GAUGE DEPTH	GRADIENT TUBING #/100'	BHP @ POOL DATUM
<u>SURVEY OF NOVEMBER, 1949</u>										
AMERADA										
State BTA	1	J	2-12-33	4246 df	11-9-49	56/00	10,946	4247	-	4247
State BTC	1	N	35-11-33	4252 df	11-8-49	48/00	10,943	4297	33.7 AVERAGE	<u>4300</u> <u>4274</u>
<u>SURVEY OF APRIL, 1950</u>										
AMERADA										
State BTA	1	J	2-12-33	4246 df	4-6-50	44/00	10,946	4275	-	4275
State BTC	1	N	35-11-33	4252 df	4-6-50	46/00	10,800	4218	31.0	4264
State BTD	1	N	2-12-33	4250 df	4-6-50	42/00	10,950	4280	-	4280
State BTD	2	J	35-11-33	4249 df	4-6-50	48/00	10,949	4273	-	<u>4273</u>
<u>SURVEY OF OCTOBER, 1950</u>										
AMERADA										
State BTA	1	J	2-12-33	4246 df	10-16-50	54/00	10,946	4260	-	4260
State BTC	1	N	35-11-33	4252 df	10-16-50	52/00	10,787	4215	33.8	4269
State BTD	1	N	2-12-33	4250 df	10-5-50	48/00	10,950	4278	-	4278
State BTD	2	J	35-11-33	4249 df	10-5-50	50/00	10,949	4232	-	4232
State BTD	3	P	35-11-33	4247 df	10-5-50	52/00	10,947	4248	-	4248
TEXAS & PACIFIC										
State B	1	H	2-12-33		10-12-50	34/00	10,600	4110	35.0	4226
State C	1	B	2-12-33		10-11-50	24/00	10,800	4190	33.8	4235
State C	2	F	2-12-33		10-17-50	24/00	10,600	4144	32.0	4252
State C	3	L	2-12-33		10-16-50	24/00	10,800	4220	32.3 AVERAGE	<u>4266</u> <u>4252</u>
<u>SURVEY OF APRIL, 1951</u>										
AMERADA										
State BTA	1	J	2-12-33	4246 df	4-7-51	59/30	10,946	4281		4281
State BTC	1	N	35-11-33	4252 df	4-7-51	53/00	10,652	4187	35.0	4292
State BTD	1	N	2-12-33	4250 df	4-7-51	54/30	10,950	4240		4240
State BTD	2	J	35-11-33	4249 df	4-7-51	53/30	10,949	4255		4255
State BTD	3	P	35-11-33	4247 df	4-7-51	49/30	10,947	4249		4249
State BTD	1	D	2-12-33	4250 df	4-7-51	50/30	10,940	4275	33.4	4278

COMPANY LEASE	WELL	UNIT	S.T.R.	ELEV.	DATE PRESS.	SHUT-IN TIME Hrs/min	GAUGE DEPTH	BHP @ GAUGE DEPTH	GRADIENT TUBING #/100'	BHP @ POOL DATUM
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SURVEY OF APRIL, 1951 (CONT'D)

AMERADA Caudle Mathers TEXAS & PACIFIC	2	D	3-12-33	4266 df	4-7-51	56/30	10,966	4229	-	4229
	1	H	3-12-33	4254 df	4-7-51	51/00	9,154	3653	31.4	4220
	1	H	2-12-33		4-7-51	48/00	10,911	4265	35.1	4272
	1	B	2-12-33		4-7-51	48/00	10,827	4232	35.1	4276
	2	F	2-12-33		4-7-51	48/00	10,944	4265	33.4	4263
	3	L	2-12-33		4-7-51	48/00	11,023	4286	36.8	4256
									AVERAGE	4259

SURVEY OF OCTOBER, 1951

AMERADA State BTA State BTC State BTC State BTD State BTD State BTD State BTL State BTL Caudle Mathers Mathers "A" 1 TEXAS & PACIFIC	1	J	2-12-33	4246 df	10-18-51	49/00	10,926	4212	34.8	4220
	1	N	35-11-33	4252 df	10-18-51	50/00	10,725	4147	34.7	4226
	3	L	35-11-33	4252 df	10-2-51	49/00	10,940	4297	34.5	4211
	1	N	2-12-33	4250 df	10-19-51	48/00	10,950	4164	35.0	4164
	2	J	35-11-33	4249 df	10-11-51	55/00	10,775	3561	40.3	3631
	3	P	35-11-33	4247 df	10-11-51	57/00	10,570	4018	41.6	4175
	1	D	2-12-33	4250 df	10-19-51	48/00	10,936	4217	35.5	4222
	1	P	2-12-33	4245 df	10-3-51	69/00	10,900	4145	33.8	4160
	2	D	3-12-33	4266 df	10-2-51	49/30	10,966	4166	44.8	4166
	1	H	3-12-33	4254 df	10-20-51	77/00	10,660	4078	33.8	4177
	1	B	3-12-33	4257 df	10-18-51	51/00	10,957	4198	34.3	4198
	1	H	2-12-33	4230 df	10-3-51	40/00	10,872	4238	35.2	4258
	1	B	2-12-33	4232 df	10-3-51	40/00	10,818	4192	31.3	4228
	2	F	2-12-33	4238 df	10-3-51	40/00	10,908	4230	24.7	4237
3	L	2-12-33	4242 df	10-3-51	40/00	10,942	4230	46.0	4230	
								AVERAGE	4167	

SURVEY OF APRIL, 1952

AMERADA State BTA State BTC State BTC	1	J	2-12-33	4146 df	4-7-52	48/54	10,946	4224	-	4224
	1	N	35-11-33	4252 df	4-9-52	45/00	10,725	4156	34.3	4234
	3	L	35-11-33	4252 df	4-9-52	46/30	10,940	4241	34.8	4245



BAGLEY-SILURO DEVONIAN POOL BOTTOM HOLE PRESSURES  
Pool Datum -6700' Nominal Shut-In Time 48 hrs.

COMPANY LEASE	WELL	UNIT	S.T.R.	ELEV.	DATE PRESS.	SHUT-IN TIME Hrs/min	GAUGE DEPTH	BHP @ GAUGE DEPTH	GRADIENT TUBING #/100'	BHP @ POOL DATUM
<u>SURVEY OF APRIL, 1952 (CONT'D)</u>										
AMERADA										
State BTD	1	N	2-12-33	4250 df	4-7-52	46/54	10,950	4205	-	4205
State BTD	2	J	35-11-33	4249 df						
State BTD	3	P	35-11-33	4247 df	4-9-52	46/15	10,570	3901	49.0	4086
State BTL	1	D	2-12-33	4250 df	4-7-52	49/00	10,940	4233	34.5	4236
State BTL	1	P	2-12-33	4245 df	4-8-52	44/30	10,900	4191	34.5	4206
Caudle	2	D	3-12-33	4266 df	4-9-52	46/30	10,966	4181	-	4181
Caudle	5	A	3-12-33	4254 df	4-8-52	44/15	10,946	4219	36.7	4222
Mathers	1	H	3-12-33	4254 df	4-8-52	45/45	10,654	4076	37.1	4187
Mathers "A" 1	1	B	3-12-33	4257 df	4-8-52	43/45	10,957	4178	-	4178
Mathers "A" 2	2	F	3-12-33	4260 df	4-7-52	50/30	10,960	4213	-	4213
TEXAS & PACIFIC										
State B	1	H	2-12-33	4230 df						4240
State C	1	B	2-12-33	4243 df						4205
State C	2	F	2-12-33	4238 df						4200
State C	3	L	2-12-33	4242 df						4212
								AVERAGE		4205

BACLEY SILURO-DEVONIAN BOTTOM HOLE PRESSURES  
Pool Datum -6700' Nominal Shut-In Time 48 hrs.

COMPANY LEASE	WELL	UNIT	S.T.R.	ELEV.	DATE PRESS.	SHUT-IN TIME Hrs/min	GAUGE DEPTH	BHP @ GAUGE DEPTH	GRADIENT TUBING #/100'	BHP @ POOL DATUM
SURVEY OF JULY, 1952										
AMERADA										
State RTA	1	J	2-12-33	4246	df 7-14	50	10,926	4215		4221
State BTC	1	N	35-11-33	4252	df 7-7	55	10,720	4126		4206
State BTC	3	L	35-11-33	4252	df 7-7	55	10,940	4213		4217
State BtD	1	N	2-12-33	4250	df 7-14	53	10,950	4185		4185
State BTD	2	J	35-11-33	4249	df 7-7	53	10,835	3685		3729
State BTD	3	P	35-11-33	4247	df 7-7	52	10,530	3878		4030
State BTI	1	D	2-12-33	4250	df 7-14	51	10,936	4188		4193
State BTL	1	P	2-12-33	4245	df 7-14	49	10,900	4161		4177
State RTM	1	H	34-11-33	4255	df 7-7	56	10,955	4202		4202
State BTN	1	P	34-11-33	4258	df 7-7	54	10,949	4194		4197
Candle	2	D	3-12-33	4266	df 7-7	54	10,966	4147		4147
Candle	5	A	3-12-33	4256	df 7-14	53	10,941	4202		4208
Chambers	1	F	11-12-33	4250	df 7-14	53	10,950	4172		4172
Mathers	1	H	3-12-33	4254	df 7-14	49	10,932	4168		4178
Mathers "A"	1	B	3-12-33	4257	df 7-14	51	10,957	4140		4140
Mathers "A"	2	F	3-12-33	4260	df 7-7	53	10,960	4229		4229
TEXAS & PACIFIC										
State B	1	H	2-12-33			72				4283
State B	2	B	11-12-33			72				4138
State C	1	B	2-12-33			72				4291
State C	2	F	2-12-33			72				4238
State C	3	L	2-12-33			72				4218

BAGLEY SILURO-DEVONIAN BOTTOM HOLE PRESSURES  
Pool Datum -5700' Nominal Shut-In Time 48 Hrs.

COMPANY  
LEASE

WELL	UNIT	S.T.R.	ELEV.	DATE PRESS.	SHUT-IN TIME Hrs/min	GAUGE DEPTH	BHP @ GAUGE DEPTH	GRADIENT TUBING #/100'	BHP@ POOL DATUM
<u>SURVEY OF NOVEMBER, 1952</u>									
AMERADA									
State BTA	1	2-12-33	4246'	df 11-5	51	10,926'	4206'		4213
State BTC	1	35-11-33	4252'	df 11-3	51	10,722'	4122		4200
State BTC	3	35-11-33	4252'	df 11-3	54	10,942'	4207		4210
State BTD	1	2-12-33	4250'	df 11-5	50	10,950'	4169		4169
State BTD	2	35-11-33	4249'	df 11-5	48	10,749	3430		3501
State BTD	3	35-11-33	4247'	df 11-3	49	10,527	3939		4092
State BTI	1	2-12-33	4250'	df 11-3	57	10,940	4195		4198
State BTL	1	2-12-33	4245'	df 11-5	53	10,900	4136		4151
State BTM	1	34-11-33	4255'	df 11-3	52	10,955	4184		4184
State BTN	1	34-11-33	4258'	df 11-5	53	10,949	4180		4183
Caudle	2	3-12-33	4266'	df 11-3	50	10,966	4108		4108
Caudle	5	3-12-33	4256'	df 11-3	53	10,946	3977		3981
Chambers	1	11-12-33	4250'	df 11-5	48	10,950	4139		4139
Mathers	1	3-12-33	4254'	df 11-5	52	10,934	4155		4164
Mathers "A"	1	3-12-33	4257'	df 11-3	51	10,957	4114		4114
Mathers "A"	2	3-12-33	4260'	df 11-5	50	10,960	4210		4210
TEXAS & PACIFIC									
State B	1	2-12-33			50				4206
State B	2	11-12-33			51				4147
State C	1	2-12-33			54				4211
State C	2	2-12-33			56				4206
State C	3	2-12-33			58				4153
State D	1	2-12-33			80				4215

IT IS FURTHER ORDERED:

(a) That each operator in said pool shall take or cause to be taken bottom-hole pressure tests of each producing well operated by him in said pool during the months of July of each calendar year; the results of such tests shall be tabulated, and reflect the pressure of each well; the same shall be filed on or before the 5th day of August, of each calendar year, with the Commission at Santa Fe, New Mexico (with copy to Hobbs office); it is further provided, that such bottom-hole pressure tests shall be taken in conformity with the requirements of Rule 302 of the Commission's Rules and Regulations as revised.

This order supersedes all previous temporary orders and interlocutory orders heretofore issued in this case.

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

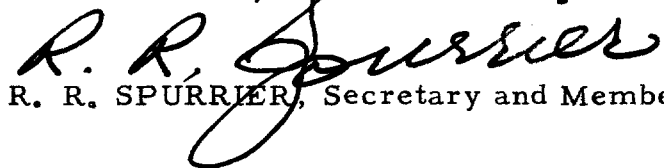
STATE OF NEW MEXICO  
OIL CONSERVATION COMMISSION



EDWIN L. MECHEM, Chairman



E. S. WALKER, Member



R. R. SPURRIER, Secretary and Member

S E A L