

OIL CONSERVATION COMMISSION
1000 RIO BRAZOS ROAD
AZTEC, NEW MEXICO

February 28, 1968

Mr. Harry Miller
Acoma Oil Corporation
P. O. Box 3313
Durnago, Colorado 81301

Dear Harry:

I do not have sufficient gas analysis reports on file for me to give you a definite source of the gas which produces through the bradenhead of your Lawson Federal #1 well.

Yours very truly,

A. R. Kendrick
Engineer, District #3

ARK:mc

C
O
P
Y

OIL CONSERVATION COMMISSION
1000 RIO BRAZOS ROAD
AZTEC, NEW MEXICO

February 26, 1944

Mr. Harry
Accountant
P. O. Box 3312
Durango, Colorado 81301

Dear Harry:

I do not have sufficient gas analysis reports on file to
to give you a definite source of the gas which produced the
the breakdown of your Western Federal No. 1.

Yours very truly,

A. R. Rendick
Engineer, District #3

cc: Mr.

GENERAL OFFICES
HAMM BUILDING
ST. PAUL, MINN. 55102

With file

ACOMA OIL CORPORATION
REGIONAL FIELD OFFICE
POST OFFICE BOX 3313
303-247-2605
DURANGO, COLORADO 81301

February 10, 1968

Mr. Emery C. Arnold, Supervisor
New Mexico Oil Conservation Commission
Aztec, New Mexico 87410

Dear Emery:

Forwarding herewith a couple analysis of gas taken from the Braden Head and Tubing of our Lawson Federal #1, Section 31, T32N, R11W.

From these samples, it does not appear there is any communication between the Braden Head and the Mesa Verde. Let me know what you think. Also if you have ideas as to what formation the Braden Head gas may be coming from. Best regards

Sincerely yours,

Harry
Harry J. Miller

HJM/rom

Encl



EL PASO NATURAL GAS COMPANY
SAN JUAN LABORATORYFRACTIONAL DISTILLATION ANALYSIS ☐GAS CHROMATOGRAPHY ANALYSIS ☒

Date of Run **Feb. 6, 1968** Analysis No. **VF 13395**
 Sample From **Acoma Oil Co.** Date Secured **Feb. 5, 1968**
 Sample Marked **Lawson Federal #1 (71-129-65)** Secured By **~~XXXXXXXXXX~~ H. MILLER**

COMPONENT	MOL. %	G. P. M.	LIQ. VOL. %
Carbon Dioxide	0.84		
Hydrogen Sulfide	N11		
Nitrogen	0.49		
Methane	83.98		
Ethane	9.38		
Propane	3.51	0.963	
I-Butane	0.46	0.150	
N-Butane	0.76	0.239	
I-Pentane	0.21	0.077	
N-Pentane	0.15	0.054	
Hexane	0.22	0.096	
TOTALS	100.00%	1.579	

Run By **Ross** Checked By **James *JMS***

Remarks
E. W. Woody
R L Ahrens
H. L. Molder
R. Pritchard
E. S. Oberly
R. E. Johnson
R. B. Herr
M. E. Blakely, Jr.
R. F. Lemon
J. E. Ashworth
File
+ 3 copies to Acoma Oil Co.
% Harry Miller
P.O. Box 3313
Durango, Colo. 81301

HEATING VALUE
B.T.U. PER CU. FT.

Dry Basis, 14.696 lbs./sq. in., 60° F.
 Calculated from % Composition **1168**

Calorimeter

SULPHUR CONTENT
GRAINS PER 100 CU. FT.

14.7 lbs./sq. in., 60° F.
 Hydrogen Sulfide **N11**

Mercaptans

SPECIFIC GRAVITY

14.696 lbs./sq. in., 60° F.
 Calculated from % Composition **0.674**

Calculated from % Composition
RECEIVED
FEB 12 1968
OIL CON. COM.
DIST. 3

VAPOR PRESSURE

PSIA at 100° F.
 Calculated from Mole %

Column/s Used	A E & M S
Calculation By	N G P A
Carbon Dioxide	N G P A
Hydrogen Sulfide	Lead Acetate

LOCATION AND WELL DATA

Sec. 31	T. 32	R. 11
County	San Juan	
State	New Mexico	
Location	Mesa Verde (Tubing)	
Well Pressure	Line	

EL PASO NATURAL GAS COMPANY
SAN JUAN LABORATORYFRACTIONAL DISTILLATION ANALYSIS ☐GAS CHROMATOGRAPHY ANALYSIS ☒Date of Run **Feb. 6, 1968**Analysis No. **VF 13396**Sample From **Acoma Oil Co.**Date Secured **Feb. 5, 1968**Sample Marked **Lawson Federal #1 (71-129-65)**Secured By **~~Harry Miller~~ H. MILLER**

COMPONENT	MOL. %	G. P. M.	LIQ. VOL. %
Carbon Dioxide	0.72		
Hydrogen Sulfide	N11		
Nitrogen	0.49		
Methane	82.28		
Ethane	9.61		
Propane	4.03	1.106	
I-Butane	0.63	0.206	
N-Butane	1.14	0.358	
I-Pentane	0.40	0.146	
N-Pentane	0.33	0.119	
Hexane	0.37	0.161	
TOTALS	100.00%	2.096	

HEATING VALUE
B.T.U. PER CU. FT.Dry Basis, 14.696 lbs./sq. in., 60° F.
Calculated from % Composition**1208**

Calorimeter

SULPHUR CONTENT
GRAINS PER 100 CU. FT.

14.7 lbs./sq. in., 60° F.

Hydrogen Sulfide

N11

SPECIFIC GRAVITY

14.696 lbs./sq. in., 60° F.
Calculated from % Composition**0.698**

Calculated from % Liquid

VAPOR PRESSURE

PSIA at 100° F.

Calculated from Mole %

Run By **Ross**Checked By **James***JMS*

Remarks

E. W. Woody
R L Ahrens
H. L. Holder
R. Pritchard
E. S. Oberly
R. E. Johnson
R. B. Herr
M. E. Blakely, Jr
R. F. Lemon
J. E. Ashworth
File

+ 3 copies to Acoma Oil Co. ✓
% Harry Miller
P.O. Box 3313
Durango, Colo. 81301

Column/s Used

A E & M S

Calculation By

N G P A

Carbon Dioxide

N G P A

Hydrogen Sulfide

Lead Acetate

LOCATION AND WELL DATA

Sec. **31** T. **32** N. R. **11** W.

County

San Juan

State

New Mexico

Formation

(MV) Bradenhead

Bottom Pressure

100#