

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
HOBBS, NEW MEXICO 88240

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO. *45F*

NM-54400

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Shell 15 Fed. Com.

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Lucky Lake Queen

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

15-15-29

12. COUNTY OR PARISH 13. STATE

Chaves

NM

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR

McClellan Oil Corporation ✓

3. ADDRESS OF OPERATOR

P.O. Drawer 730, Roswell, NM 88202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)

See also space 17 below.
At surface

NW NW
660' FNL & 660' FWL

NE NW 1650

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

3907 GL

12. COUNTY OR PARISH

Chaves

NM

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other) Gas venting approval

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

REPAIRING WELL

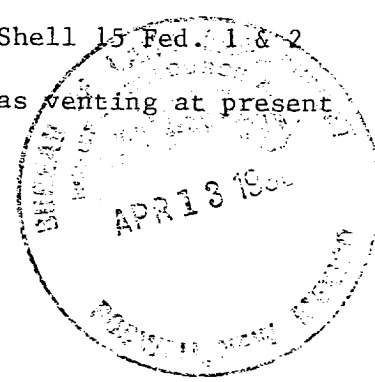
ALTERING CASING

ABANDONMENT*

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

Request approval for gas venting.

Reasons for venting of gas: The amount of gas flowing to a central battery is used for pump jack engines, dump values, heater treater and now for an engine, on disposal well (Shell Fed. 15 #3). A gas pipeline to said well would prove to be uneconomical. Total gas produced from Shell 15 Fed. 1 & 2 is 57 MCF/day. Most of this gas is used on equipment. Gas venting at present is T.S.T.M.



18. I hereby certify that the foregoing is true and correct

SIGNED Mitch Lee

TITLE Prod. & Compl. Engr.

DATE 4-10-90

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

APPROVED
DATE PETER W. CHESTER

APR 24 1990

*See Instructions on Reverse Side

BUREAU OF LAND MANAGEMENT
ROSWELL RESOURCE AREA



PHILLIPS 66 NATURAL GAS COMPANY

A SUBSIDIARY OF PHILLIPS PETROLEUM COMPANY

ODESSA, TEXAS 79762
4001 PENBROOK, PHONE: 915 367-1266

September 20, 1988

Field Tests

McClellan Oil Company
Box 730
Roswell, NM. 88202

Attention: Paul Ragsdale

Dear Sir:

Listed below are the results of the Gas-Oil-Ratio test that we ran on your lease in the Lucky Lake, South/Queen field in Chaves County, NM.

<u>Lease</u>	<u>Wells</u>	<u>24 Hr. Oil Prod.</u>	<u>Daily Gas Vol. Mcf</u>	<u>GPM</u>	<u>GOR</u>	<u>Length of Test</u>
Shell "15" Fed. Com.	1&2	29.10	57	1.758	1959	24 Hr.

Attached is a copy of the chromatograph analysis.

Thank you for your assistance in making it possible for us to test your lease.

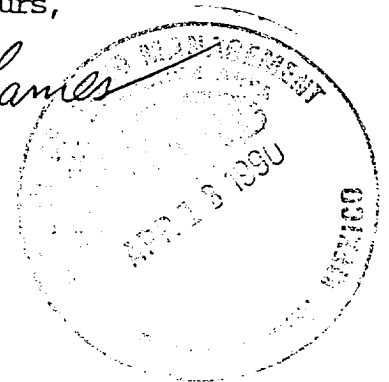
Very truly yours,

D. R. Thames

D. R. Thames

DRT:cas - RC

Attachment



**** CERTIFICATE OF ANALYSIS ****

PHILLIPS PETROLEUM COMPANY
NATURAL GAS ANALYSIS
ODESSA, TEXAS

Producer: McClellan Oil
 Lease: Shell "15" Fed Com Q60' NW
 County/State: CHAVES, NM.

Meter: G
 ST/SYS:

Analysis

Secured: 09/15/88
 Sec By: CJ

Analyzed: 09/19/88
 Run By: B

Run No: G-467
 Trans Code: N

Components	Percents	GFMs	Plus GFMs
Hydrogen Sulfide	0.00		
Nitrogen	51.73		
Oxygen	0.00		
Carbon Dioxide	0.23		
Methane	23.37		
Ethane	9.01	2.397	7.422
Propane	6.78	1.858	5.025
I-Butane	1.34	0.436	
N-Butane	3.00	0.941	
I-Pentane	1.18	0.429	1.790
N-Pentane	1.19	0.429	
C6-Plus	2.17	0.932	
Total	100.000	7.422	

Test Car GPM Equivalent

Z-Factor

Calculated Specific Gravity

Field Gravity (Ranarex)

BTU's

Dry

Saturated

Delivery Condition

Gas Factor

Flowing Temperature

Flowing Pressure

1.758
 0.99676
 1.048
 0.000
 912.45
 897.37
 887.91
 0.97310
 88.0
 11.00

H2S Comments:

Data from GPA Publication 2145-86

Pressure Base: 14.65 PSIA

Temperature: 60 Deg F

Date: 9-15-88	Baro: 16.70
Type Gas: Gas	Atmos. Temp: 86°
Location: New Mexico	Trap Press: 11#
County: CHAVES	Gas Temp: 88°
Well: Lucky Lake, South	Type of Trap
Section: Queen	Heat () Conv ()
Company: McClellan Oil	H ₂ S: 4 PPM
Lease: Shell "15" Federal Com	CO ₂ : PG
Well: 15-15-79	Choke
Sampler: CAROL JETTER	FTP
	Bomb Press: 11#

WFO 29.0
WFO 87

RECEIVED

APR 25 1990

OCD
NOBBS OFFICE