

(JUNE 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED

Budget Bureau No. 1004-0135

Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT--" for such proposals

5. Lease Designation and Serial No.

SF 079601

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

LYDIA RENTZ LEASE

9. API Well No.

10. Field and Pool, or Exploratory Area

11. County or Parish, State

RIO ARRIBA, NM

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

FOUR STAR OIL AND GAS CO.

3. Address and Telephone No.

3300 N. Butler, Farmington, New Mexico 87401 (505)325-4397

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

TYPE OF ACTION

- ☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☐ Other

- ☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on well Completion or Recompletion Report and Log form)

13. 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.)

Four Star Oil and Gas Company requests approval to utilize flow timers as an alternative measurement method pursuant to BLM NTL 92-5 "Standards for Meter Measuring Low Gas Volumes" on the following well:

LYDIA RENTZ Well No. 1

Please see attached discussion and map

RECEIVED
DEC - 8 1995
BTL CORL DIST
DIST. 3

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

Signed

Richard Hindi BLM

Title Operating Unit Manager

Date

11/1/95

(This space for Federal or State office use)

Approved by

Don R. [Signature]

for
Title

Chief, Lands and Mineral Resources

Date

DEC 5 1995

Conditions of approval, if any:

ALTERNATIVE MEASUREMENT
LYDIA RENTZ NO. 1

DISCUSSION

Four Star Oil and Gas Company requests permission to utilize a flow timer as an alternative measurement method pursuant to BLM NTL 92-5 "Standards for Meters Measuring Low Gas Volumes" on the following well:

Lydia Rentz Well No. 1

The reason for alternative measurement is to cut costs in order to economically continue to produce a marginal well. The flow timer will also reduce uncertainty limits in measuring small volumes of gas. The well produces on average fourteen (14) MCFD from the Blanco P. C. South Field. The flow timer selected is the Precision General Q-70. This flow timer records the amount of time in hours and tenths that the differential pressure is greater than 0.7 inches of H₂O. The total time is multiplied by a "flow factor" that is derived from periodic tests with a portable chart recorder.

Four Star Oil and Gas Company is the designated "transporter" of the gas produced. This well is tied into an El Paso Natural Gas Co. Central Delivery Point meter with six (6) other wells also on the Lydia Rentz lease. The other six wells are continuously metered with orifice plate meter runs equipped with electronic flow recorders. The electronic flow recorders are Applied Automation Totalflow 6400 Series Flow Computers. The monthly CDP meter volume is allocated back to the individual wells in direct proportion to the individual well metered volumes. Attached is an information sheet with field, legal location and production on each well tied to the CDP. Also attached is a schematic map locating the alternative measurement equipment.

Four Star Oil and Gas Company Well Meters Upstream of EPNG CDP Meter # 87932

Well	BLM LEASE DESIGNATION	FIELD/ POOL NAME	Township	Range	Section	Spot	Legal	Allocation Meter #	El Paso CDP Meter #	Gas Production MCFD
Lydia Rentz #1	SF-079601	Blanco P. C. South	T25N	R03W	19	M	990' FSL/990' FWL	(EPNG #87932)	87932	14
Lydia Rentz #9	SF-079601	W. Lindrith GP-DK	T25N	R03W	20	N	990' FSL/1650' FWL	191-185	87932	118
Lydia Rentz #9A	SF-079601	W. Lindrith GP-DK	T25N	R03W	20	I	1850' FSL/990' FEL	191-192	87932	230
Lydia Rentz #11	SF-079601	W. Lindrith GP-DK, Blanco MV	T25N	R03W	19	O	840' FSL/1820' FEL	191-184	87932	87
Lydia Rentz #11A	SF-079601	W. Lindrith GP-DK	T25N	R03W	19	K	845' FSL/1645' FWL	191-190	87932	76
Lydia Rentz #7	SF-079601	W. Lindrith GP-DK, Blanco MV	T25N	R03W	20	C	800' FNL/1820' FWL	(EPNG #94341)	87932	57
Lydia Rentz #7A	SF-079601	W. Lindrith GP-DK, Blanco MV	T25N	R03W	20	G	1650' FNL/1650' FEL	191-191	87932	167
Total										749