

(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

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)

5. Lease Designation and Serial No.

SF 079602

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

L L McCONNELL LEASE

9. API Well No.

10. Field and Pool, or Exploratory Area

11. County or Parish, State

RIO ARRIBA, NM

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

TYPE OF SUBMISSION

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

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☐ Other _____
- ☐ Change 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 and proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths of 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 two(2) wells:

L.L. McConnell Well No. 6

L.L. McConnell Well No. 11

g-30-25N-3W
D-29-25N-3W

Please see attached discussion and map

RECEIVED
DEC - 6 1995
OIL CON. DIV.
DIST. 3

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

Signed

Rached Hindi

Title **Operating Unit Manager**

Date **11/1/95**

(This space for Federal or State office use)

Approved by

David R. [Signature]

Title

for Chief, Lands and Mineral Resources

Date

DEC 5 1995

Conditions of approval, if any:

ALTERNATIVE MEASUREMENT
L. L. MCCONNELL WELL NO.s 6 AND 11

DISCUSSION

Four Star Oil and Gas Company requests permission to utilize flow timers as an alternative measurement method pursuant to BLM NTL 92-5 "Standards for Meters Measuring Low Gas Volumes" on the following two (2) wells:

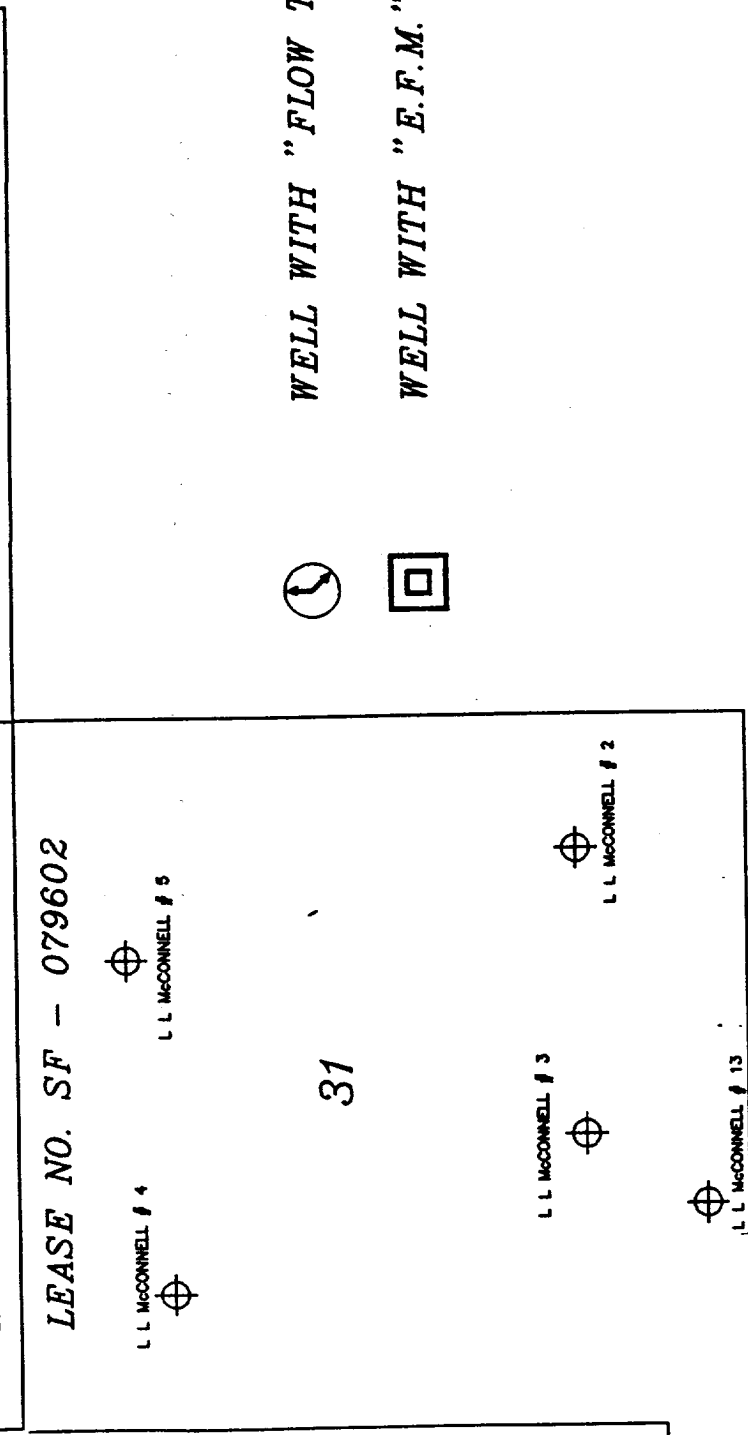
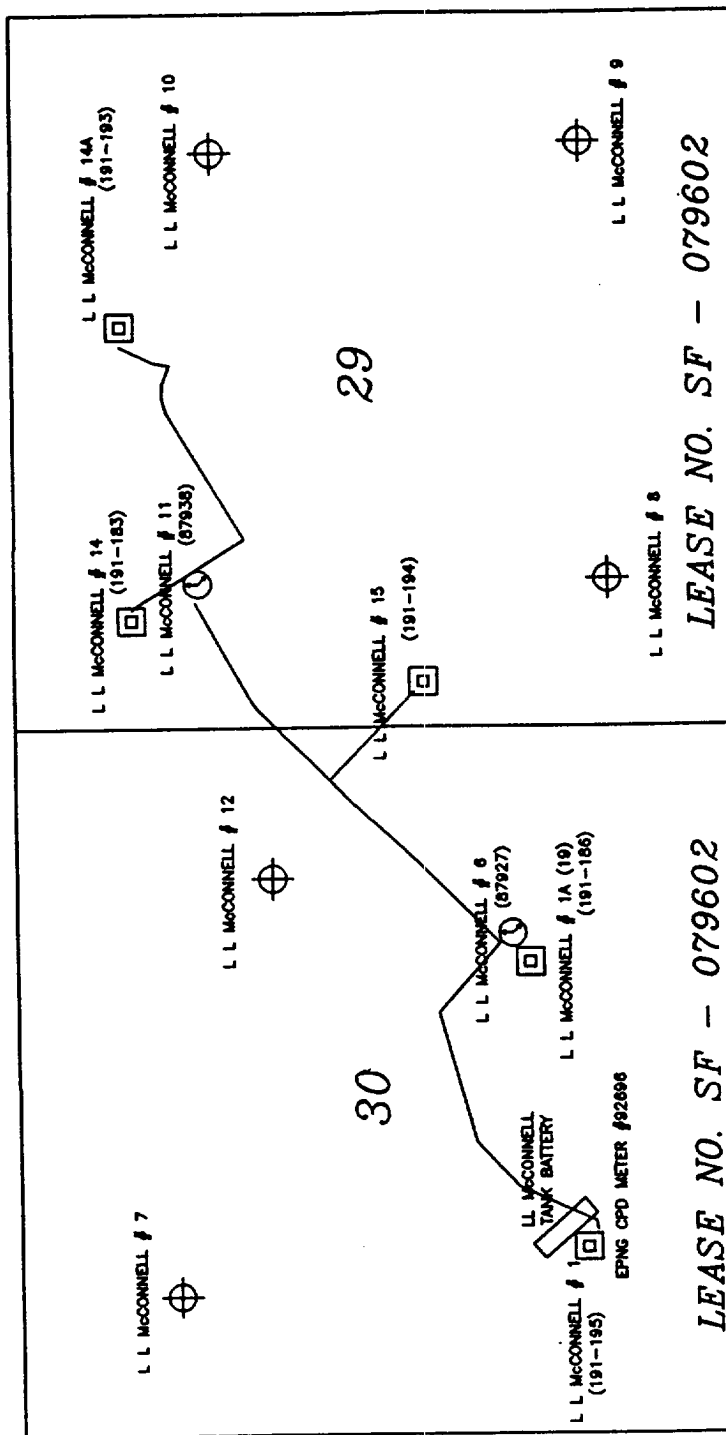
L. L. McConnell Well No. 6

L. L. McConnell Well No. 11

The reason for alternative measurement is to cut costs in order to economically continue to produce marginal wells. The flow timers will also reduce uncertainty limits in measuring small volumes of gas. The wells produce on average six (6) and nine (9) MCFD respectively 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. The two wells are tied into an El Paso Natural Gas Co. Central Delivery Point meter with five (5) other wells also on the L. L. McConnell lease. The other five 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 # 97696										
Well	BLM LEASE DESIGNATION	FIELD/ POOL NAME	Township	Range	Section	Spot	Legal	Allocation Meter #	El Paso CDP Meter #	Gas Production MCFD
L. McConnell #6	SF-079602	Blanco P. C. South	T25N	R03W	30	N	1190' FSL/1450' FWL	(EPNG #87927)	97696	6
L. McConnell #11	SF-079602	Blanco P. C. South	T25N	R03W	29	D	1190' FNL/899' FWL	(EPNG #87938)	97696	9
L. McConnell #1	SF-079602	W. Lindrith GP-DK, Blanco MV	T25N	R03W	30	N	1190' FSL/1450' FWL	191-195	97696	36
L. McConnell #1A	SF-079602	W. Lindrith GP-DK	T25N	R03W	30	J	1760' FSL/1850' FEL	191-186	97696	59
L. McConnell #14	SF-079602	W. Lindrith GP-DK, Blanco MV	T25N	R03W	29	D	855' FNL/790' FWL	191-183	97696	46
L. McConnell #14A	SF-079602	W. Lindrith GP-DK	T25N	R03W	29	B	790' FNL/2310' FEL	191-193	97696	42
L. McConnell #15	SF-079602	W. Lindrith GP-DK	T25N	R03W	29	L	2310' FSL/330' FWL	191-194	97696	34
Total										232



WELL WITH "FLOW TIMER"

WELL WITH "E.F.M."