

Operator Name The Anschutz Corp. Lease Name Catlin Well # 5-11 SEC 311 TWP. 33S. RGE. 9 East West

WELL LOG

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken Yes No
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No

Formation Description
 Log Sample

DST #1 (4750'-4744')

DST #2 (4770'-4800')

(SEE ATTACHED)

| Name | Top | Bottom |
|-----------------|-------|--------|
| Post Rock | 0' | 50' |
| Shale & Red Bed | 50' | 340' |
| Red Bed & Shale | 340' | 1220' |
| Lime & Shale | 1220' | 1950' |
| Shale & Lime | 1950' | 2266' |
| Lime & Shale | 2266' | 5044' |

RELEASED

JAN 17 1986

FROM CONFIDENTIAL

| CASING RECORD <input type="checkbox"/> new <input type="checkbox"/> used | | | | | | | |
|-----------------------------------------------------------------------------|-------------------|---------------------------|----------------|---------------|----------------|--------------|-------------------------------|
| Report all strings set - conductor, surface, intermediate, production, etc. | | | | | | | |
| Purpose of string | size hole drilled | size casing set (in O.D.) | weight lbs/ft. | setting depth | type of cement | # sacks used | type and percent additives |
| Surface | 12-1/4 | 8-5/8 | 24 | 334' | Class H | 200 | 2% CC, 1/2# Flowseal per sack |

| PERFORATION RECORD | | Acid, Fracture, Shot, Cement Squeeze Record | |
|--------------------|---------------------------------------------|---------------------------------------------|-------|
| shots per foot | specify footage of each interval perforated | (amount and kind of material used) | Depth |
| | | | |
| | | | |
| | | | |

| TUBING RECORD | | | |
|---------------|--------|-----------|--------------------------------------------------------------------|
| size | set at | packer at | Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No |
| | | | |

| Date of First Production | Producing method <input type="checkbox"/> flowing <input type="checkbox"/> pumping <input type="checkbox"/> gas lift <input type="checkbox"/> Other (explain) | | | |
|-----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-------|---------------|
| | Oil | Gas | Water | Gas-Oil Ratio |
| Estimated Production Per 24 Hours | Bbls | MCF | Bbls | Gravity |

Disposition of gas: vented
 sold
 used on lease

METHOD OF COMPLETION

open hole perforation
 other (specify)

Dually Completed.
 Commingled

PRODUCTION INTERVAL