** The person who can be reached by phone regarding any questions concerning this information.

NOTARY PUBLIC)
Phyllis Wischer
1905 Sherman Street, Suite 700

Denver, CO 80203

Wichita, Kansas

MY COMMISSION EXPIRES: 4/25/87

Credo Petroleum Corporation LEASE

SEC. 11 TWP. 2S RGE. 19W(W)

FILL IN WELL INFORMATION AS REQUIRED:

WELL NO. 1 SHOW GEOLOGICAL MARKERS, LOGS RUN,

| luding depth interval tested, cushion used, time tool open, flowing and | ТОР | воттом | NAME | DEPTH |
|---|--|---|------|-------|
| FORMATION DESCRIPTION, CONTENTS, ETC. | 107 | BOTTOM | Nom. | |
| X Check if no Drill Stem Tests Run. | l | | | ł |
| X Check if samples sent to Geological | Survey | | , | |
| Shale & Sand Shale Lime Shale & Lime Streaks Sand & Shale Streaks Shale & Lime Streaks Sand Shale Anhydrite Shale Shale & Lime Sand Shale & Lime Lime & Shale Streaks Shale & Lime Lime RTD | 0 220 293 876 1239 1319 1376 1509 1807 1811 2140 2258 2301 2414 2629 3021 | 220 293 876 1239 1319 1376 1509 1807 1811 2140 2258 2301 2414 2629 3021 3627 3627 | | |
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| additional space is needed use Page 2, | | | | |
| | <u> </u> | l | | |

| Report of all stri | ngs set — surface, | intermediate, | production, e | tc. CASING | RECORD | (New) | or (Ws/ | (a/d/) | |
|--|----------------------|------------------------------|----------------|--------------------------------|-------------------|------------------------|----------|--|--|
| Purpose of string | Sixe hole drilled | Size casing set (in O.D.) | Weight lbs/ft. | Setting depth | Туре се | ment | Speks | Type and percent additives | |
| Surface | 12 1/4" | 8 5/8'' | 24# | 217' | Common | | 150 | 2% Ge1, 3% C.O | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | <u> </u> | | | | | | |
| LINER RECORD | | | | PERFORATION RECORD | | | | | |
| Top, ft. | Bettom, ft. | tom, ft. Secks cement | | Shots | Shots per ft, Siz | | e & type | Depth Interval | |
| | TUBING RECO | ORD | | | | | | | |
| Size | Setting depth Packer | | set of | | | | | | |
| | , | CID, FRACT | URE, SHOT, | CEMENT SQ | UEEZE REC | ORD | | | |
| Amount and kind of material used | | | | | | Depth interval treated | | | |
| | | | | | | | | Managamilian oligisejt tidli ter kannamicianir davatahibi spanianis, jassaga | |
| | | | | | | | | | |
| | | | | | , | | | | |
| Date of first production Producing metho | | | g method (flo | wing, pumping, gas lift, etc.) | | | Gravity | | |
| Estimated Production - | I.P. | | Gas | | Water | % | bbls. | Gas-oil retio | |

Perforations