

SIDE TWO

ACO-1 WELL HISTORY ~~(W)~~

OPERATOR Getty Oil Company

LEASE Cahoj Unit

SEC. 17 TWP. 1S RGE. 34

FILL IN WELL INFORMATION AS REQUIRED:

WELL NO. 931

Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.

| FORMATION DESCRIPTION, CONTENTS, ETC. | TOP | BOTTOM | NAME | DEPTH |
|---|-------|----------|---------------|----------|
| <input checked="" type="checkbox"/> Check if no Drill Stem Tests Run. | | | | |
| Sand & Clay | 0 | 235 | | |
| Shale | 235 | 400 | | |
| Shale & Sand | 400 | 1970 | | |
| Sand & Shale | 1970 | 2915 | | |
| Shale & Sand | 2915 | 2971 | Top Anhydrite | 2969 |
| Anhydrite | 2971 | 3005 | | |
| Shale & Shells | 3005 | 3385 | | |
| Shale & Lime | 3385 | 3810 | | |
| Lime & Shale | 3810 | 3940 | Top Topeka | 3818 |
| Shale & Lime | 3940 | 4362 | Top Oread | 3924 |
| | | | Top Douglas | 3983 |
| | | | Top Lansing | 4022 |
| | *** 4 | shots/ft | .38" SDJ | 4076-86' |
| | " | | " | 4043-47' |
| | " | | " | 4022-32' |
| | " | | " | 4192-95' |
| Ran Compensated Density Dual Spaced Neutron Log 4324-60' | | | | |
| Ran Dual Induction Guard Log 4326-320' | | | | |
| If additional space is needed use Page 2, Side 2 | | | | |

Report of all strings set— surface, intermediate, production, etc. CASING RECORD (New) or ~~(XXXXX)~~

| Purpose of string | Size hole drilled | Size casing set (in O.D.) | Weight lbs/ft. | Setting depth | Type cement | Sacks | Type and percent additives |
|-------------------|-------------------|---------------------------|----------------|---------------|----------------|------------|--|
| Surface | 12 1/4" | 8-5/8" | 24 | 320' | Lite Class "A" | 90 80 | 2%CaCl2 & 1/4#/sk flocele 3% CaCl2 |
| Production | 7-7/8" | 5 1/2" | 14 | 4360' | Lite Class "A" | 100 150 | 10#/sk Gilsonite 10%Salt, 3/4%CFR-2 & 2% De-Air |
| | | | | | Lite | 550 | 10#/sk Gilsonite & 1/4#/sk flocele |

LINER RECORD

PERFORATION RECORD

| Top | Bottom, ft. | Sacks cement | Shots per ft. | Size & type | Depth interval |
|-----|-------------|--------------|---------------|-------------|----------------|
| | | | 4 | .38" SDJ | 4261-63' |
| | | | 4 | " | 4266-69' |
| | | | 4 | " | 4225-29' |
| | | | 4 | " | 4192-95' |
| | | | 4 | " | 4177-83' |

TUBING RECORD

| Size | Setting depth | Packer set at |
|------|---------------|---------------|
| | | 4 |
| | | 4 |

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD 4shots/ft-- .38"SDJ--4130-34' ***

| Amount and kind of material used | Depth interval treated |
|--|------------------------|
| Acidized w/ 1500 gal. 15% NE. Flushed w/ 104 BSW. | 4261-63' & 4266-69' |
| Acidized w/ 1000 gal. 15% NE & 3000 gal. 15% CRA. | 4192-95' |
| Acidized w/ 1800 gal. 15% CRA. | 4177-83' |
| Acidized w/ 1500 gal. 15% CRA. | 4130-34' |
| Acidized w/ 300 gal. 7 1/2% HCl, 900 gal. 12% HCl & 3% HF & 300 gal 7 1/2% HCl | 4043-47' |

| | | |
|--|--|-------------------------------|
| Date of first production 1-20-84 | Producing method (flowing, pumping, gas lift, etc.) Pumping | Gravity |
| Estimated Production -I.P. Oil 57 bbls. | Gas MCF | Water 8 1223 bbls. |
| Disposition of gas (vented, used on lease or sold) | | Gas-oil ratio CFPB |
| | | Perforations 4022-4195' OA |

RECEIVED
STATE COMMUNICATION COMMISSION
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CONSERVATION DIVISION
Wichita, Kansas