

STATE CORPORATION COMMISSION OF KANSAS  
OIL & GAS CONSERVATION DIVISION

WELL COMPLETION OR RECOMPLETION FORM  
ACO-1 WELL HISTORY

DESCRIPTION OF WELL AND LEASE

Operator: License # 5120  
Name Range Oil Company, Inc.  
Address 240 Page Court  
220 West Douglas  
City/State/Zip Wichita, KS 67202

Purchaser N.C.R.A.

Operator Contact Person John Washburn  
Phone (316) 265-6231

Contractor: License # 5124  
Name Range Drilling Company, Inc.

Wellsite Geologist Bob Olsen  
Phone (316) 265-6231

Designate Type of Completion  
 New Well  Re-Entry  Workover

Oil  SWD  Temp Abd  
 Gas  Inj  Delayed Comp.  
 Dry  Other (Core, Water Supply etc.)

If ONWO: old well info as follows:  
Operator  
Well Name  
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:  
 Mud Rotary  Air Rotary  Cable

Est. 5-10-85 5-23-85 6-18-85  
Spud Date Date Reached TD Completion Date  
Total Depth 2687 None PBD

Amount of Surface Pipe Set and Cemented at 230 feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set feet  
If alternate 2 completion, cement circulated from feet depth to w/SX cmt

API NO. 15-169-20 283-0000  
County Saline  
990' FNL, 780' FWL NE 18 Sec 16S Rge 1  East  West

4290 Ft North from Southeast Corner of Section  
1860 Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

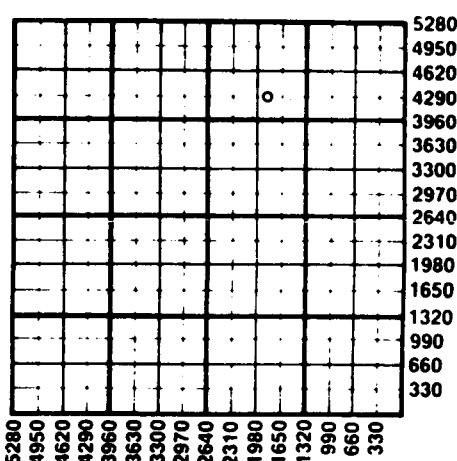
Lease Name Nelson "C" Well # 1

Field Name Hunter NW

Producing Formation Miss.

Elevation: Ground 1308 KB 1313

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water:  Disposal  Repressuring  
Docket # No produced water

Questions on this portion of the ACO-1 call:  
Water Resources Board (913) 296-3717

Source of Water:  
Division of Water Resources Permit #

Groundwater Ft North from Southeast Corner (Well) Ft West from Southeast Corner of Sec Twp Rge  East  West

Surface Water Ft North from Southeast Corner (Stream, pond etc) Ft West from Southeast Corner Sec Twp Rge  East  West

Other (explain) (purchased from city, R.W.D. #)

INSTRUCTIONS: This form shall be completed in duplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 90 days after completion or recompletion of any well. Rule 82-3-130 and 82-3-107 apply. Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form. See rule 82-3-107 for confidentiality in excess of 12 months. One copy of all wireline logs and drillers time log shall be attached with this form. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature H. G. McMahon, III

Title Geologist Date 7-22-85

Subscribed and sworn to before me this 22nd day of July 1985

Notary Public David T. Jervis

Date Commission Expires

DAVID T. JERVIS  
NOTARY PUBLIC  
STATE OF KANSAS  
My Appt. Exp. 8-4-88

K.C.C. OFFICE USE ONLY  
F  Letter of Confidentiality Attached  
C  Wireline Log Received  
C  Drillers Timelog Received  
Distribution  
 KCC  SWD/Rep  NGPA  
 KGS  Plug  Other (Specify)

Form ACO-1 (7-85) RECEIVED STATE CORPORATION COMMISSION

NOV 18 1985

Operator Name Range Oil Company, Inc. Lease Name Nelson "C" Well #. 1

Sec. 18 Twp. 16S Rge. 1 East  West  County Saline

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 (2559-2685) 30-30-60-60 Blow:v wk Rec: 20' OCM (15%oil) w/GSFO on top IFP 53-30 ISIP 401, FFP 45-37, FSIP 477, T:102°F

DST #2 (2560-2687) 30-30-60-60 Blow:v wk Rec: 4' F.O. + 90' MCO (80%oil-20%Mud) IFP 30-30, ISIP 507, FFP 45-60, FSIP 487, T:102°F

| Name   | Top          | Datum |
|--------|--------------|-------|
| Heeb   | 1832 (- 519) |       |
| Tor    | 1848 (- 535) |       |
| Dg Sh  | 1859 (- 546) |       |
| Dg Sd  | 1885 (- 572) |       |
| Brn Ls | 1981 (- 668) |       |
| LKC    | 2043 (- 730) |       |
| BKC    | 2374 (-1061) |       |
| Miss*  | 2682 (-1369) |       |
| LTD    | 2686 (-1373) |       |
| RTD    | 2687 (-1374) |       |

\*Sample top

| CASING RECORD <input checked="" type="checkbox"/> New <input checked="" 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 1/2                                      | 8 5/8 (new)                                                                                                                                             | 23             | 230                                                                           | Common         | 250         | 3% CaCl                                       |
| Production                                                                                     | 7 7/8                                       | 4 1/2 (used)                                                                                                                                            | 9.5            | 2684                                                                          | Common         | 75          | 10% NaCl, 6% Gil, 2% Gel, 1% CaCl, 0.75% F.R. |
| PERFORATION RECORD                                                                             |                                             |                                                                                                                                                         |                | Acid, Fracture, Shot, Cement Squeeze Record                                   |                |             |                                               |
| Shots Per Foot                                                                                 | Specify Footage of Each Interval Perforated |                                                                                                                                                         |                | (Amount and Kind of Material Used)                                            |                | Depth       |                                               |
|                                                                                                |                                             |                                                                                                                                                         |                | 100 Gal 10% FE acid; 250 gal 15% FE acid; 500 gal 15% FE acid;                |                | 2684-2687   |                                               |
| TUBING RECORD                                                                                  |                                             |                                                                                                                                                         |                | Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                |             |                                               |
| Date of First Production                                                                       |                                             | Set At                                                                                                                                                  |                | Packer at                                                                     |                |             |                                               |
| 6-18-85                                                                                        |                                             | 2 3/8 EUE                                                                                                                                               |                | 2684 KB                                                                       |                | No Pkr      |                                               |
| Date of First Production                                                                       |                                             | Producing Method                                                                                                                                        |                |                                                                               |                |             |                                               |
| 6-18-85                                                                                        |                                             | <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (explain) |                |                                                                               |                |             |                                               |
| Estimated Production Per 24 Hours                                                              |                                             | Oil                                                                                                                                                     | Gas            | Water                                                                         | Gas-Oil Ratio  | Gravity     |                                               |
| 11 Bbls                                                                                        |                                             | 0 MCF                                                                                                                                                   | 0 Bbls         | 0 CFPB                                                                        |                |             |                                               |

METHOD OF COMPLETION

Production Interval

Disposition of gas:  Vented  Open Hole  Perforation  
 Sold  Other (Specify) ..... 2684-2687  
 Used on Lease  Dually Completed .....  
 Commingled