

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 # 5318
Name Energy Reserves Group, Inc.
Address 925 Patton Road
City/State/Zip Great Bend, Ks. 67530

Purchaser Koch Oil Company

Operator Contact Person Jim Sullivan
Phone (316) 792-2756

Contractor: License # 5302
Name Red Tiger Drilling Company

Wellsite Geologist Rob Hammond
Phone 316-722-3444

Designate Type of Completion
 New Well Re-Entry Workover
 Oil SWD Temp Abd
 Gas Inj Delayed Comp.
 Dry Other (Core, Water Supply etc.)

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

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable
6/4/85 6/12/85 6-20-85
Spud Date Date Reached TD Completion Date
3,950' 3924'
Total Depth PBTD
Wireline Log Recd 252.65
Amount of Surface Pipe Set and Cemented at...feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set...feet
If alternate 2 completion, cement circulated
from 1685 feet depth to surface w/475 SX cmt

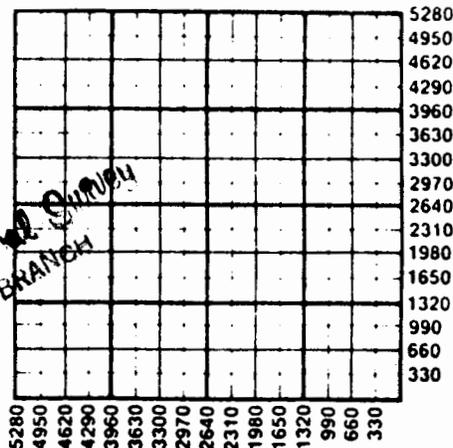
API NO. 15-051-24,235 31-11-20W
County Ellis
SE/4 SW/4 NW/4 Sec. 31 Twp. 11S Rge. 20W East West

2970 Ft North from Southeast Corner of Section
4290 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

Lease Name Huck "A" Well # 7
Field Name Nicholson, South

Producing Formation Arbuckle
Elevation: Ground 2,262' KB 2,267'

Section Plat



JUL 18 1985
State Geologist
WICHITA BRANCH

WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal Repressuring
Docket # E-23,529

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) Paul Dreiling, Ellis, Ks. 67637
(purchased from city, R.W.D. #)

| Estimated Production Per 24 Hours | Oil | Gas | Water | Gas-Oil Ratio | Gravity |
|-----------------------------------|---------|-------|---------|---------------|---------|
| | 65 Bbls | - MCF | 21 Bbls | | CFPB |

METHOD OF COMPLETION

Production Interval

Disposition of gas: Vented Open Hole Perforation
 Sold Other (Specify) ...3848-68
 Used on Lease

W O S - M - 18

41639

SIDE TWO

Operator Name Energy Reserves Group, Inc. Lease Name Huck "A" #3 Well # 7

Sec. 31 Twp. 11S Rge. 20W East West County Ellis

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 No. 1 Lansing 3596 to 3652'
 Op 30, SI 60, Op 60, SI 120
 Rec. 3' clean oil
 379' of slightly oil cut watery mud.
 IFP 104-124 ICIP 455 IHP 2073
 FFP 187-241 FCIP 454 IHP 1924

| Name | Top | Bottom |
|---------------|------|----------|
| Anhydrite | 1678 | (+589) |
| Topeka | 3281 | (-10') |
| Heebner | 3498 | (-123.1) |
| Toronto | 3524 | (-1257) |
| Lansing | 3537 | (-1270) |
| B/Kansas City | 3748 | (-1481) |
| Arbuckle | 3845 | (-157) |
| LTD | 3946 | (-1679) |
| RTD | 3950 | |

| CASING RECORD <input checked="" 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" | 20# | 260' | 50/50 Poz | 100 | 2% Gel 3% CC |
| Production | 7 7/8" | 5 1/2" | 14# | 3,947' | 50/50 Poz Lite | 275 500 | 3% CC |
| PERFORATION RECORD | | | | Acid, Fracture, Shot, Cement Squeeze Record | | | |
| Shots Per Foot | Specify Footage of Each Interval Perforated | | | (Amount and Kind of Material Used) | | Depth | |
| 4 spf | 3863-68 | | | 3000 gals of 15% NE acid | | | |
| 4 spf | 3848-52 | | | | | | |
| TUBING RECORD | | | | Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | | | |
| Date of First Production | Producing Method | | | | | | |
| 6-23-85 | <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (explain) | | | | | | |