

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  
Box 2256, Wichita, KS 67201

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

Contractor: License # 8241  
Name Emphasis Oil Operations

Wellsite Geologist Gary Misak  
Phone (316) 792-2756

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

2-06-85                      2-15-85                      3-28-85  
 .....                      .....                      .....  
 Spud Date                  Date Reached TD          Completion Date

4000' RTD                      3900'  
 .....                      .....  
 Total Depth                  PBDT

Amount of Surface Pipe Set and Cemented at 277 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/.....SX cmt  
*Wireline Log Recd*

API NO. 15-051-24:084  
County Ellis

NE SW NW Sec. 31 Twp. 11S Rge. 20  East  West

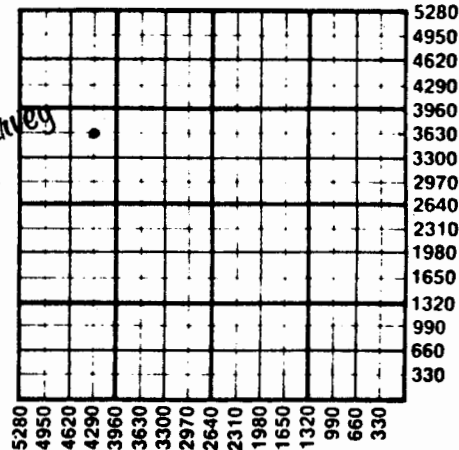
3630 Ft North from Southeast Corner of Section  
4290 Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

Lease Name Huck "A" Well # 6

Field Name Nicholson South

Producing Formation Arbuckle

Elevation: Ground 2263' 2268' KB.  
Section Plat



APR 18 1985  
State Geological Survey  
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) Ellis City Water..... (purchased from city, R.W.D. #)

Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity
107 Bbls	MCF	120 Bbls	CFPB		33.5

W03-11-12

91637

SIDE TWO

Operator Name Energy Reserves Group, Inc. Lease Name Huck "A" Well # 6

Sec 31 Twp 11S Rge 20 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 [X] Yes [ ] No
Samples Sent to Geological Survey [X] Yes [ ] No
Cores Taken [ ] Yes [X] No

Formation Description [X] Log [ ] Sample

DST No. 1 3851-3884', Arbuckle
Op. 30, SI 60, Op 60, SI 120.
Rec. 180 ft. GIP, 422 ft. gassy oil cut muddy water.
IFP 110 to 165; ICIP 198; IHP 2144
FFP 187 to 220; FCIP 231; FHP 2134

Table with 3 columns: Name, Top, Bottom. Rows include Anhydrite, Topeka, Heebner, Toronto, Lansing, B/Kansas City, Arbuckle, LTD.

METHOD OF COMPLETION

Production Interval

Disposition of gas: [ ] Vented [ ] Open Hole [X] Perforation [ ] Solid [ ] Other (Specify) [ ] Used on Lease [ ] Dually Completed [ ] Commingled

3861-3888

CASING RECORD, PERFORATION RECORD, TUBING RECORD. Includes tables for casing details, perforation intervals, and tubing specifications.

Date of First Production 3-16-85 Producing Method [ ] Flowing [X] Pumping [ ] Gas Lift [ ] Other (explain)

And P1

31-11-20W

EMPHASIS OIL OPERATIONS  
P. O. BOX 506  
RUSSELL, KS 67665



DRILLERS LOG

OPERATOR: Energy Reserves Group, Inc. 925 Patton Road Great Bend, KS 67530	CONTRACTOR: Emphasis Oil Operations P. O. Box 506 Russell, KS 67665
LEASE: Huck "A"                      WELL: #6	LOCATION: NE SW NW Section 31-11S-20W Ellis County, Kansas
ROTARY TOTAL DEPTH: 4000'	ELEVATION: 2268' K.B.
LOG TOTAL DEPTH: 4001'	
COMMENCED: 2-6-85	DATE COMPLETED: 2-15-85
CASING: 8 5/8" @ 277' with 250 sks cement 5 1/2" @ 3998' with 700 sks cement	STATUS: Oil Well

APR - 3 1985

DEPTHS & FORMATIONS

(All measurements from K.B.)

State Geological Survey  
WICHITA BRANCH

Topsoil & Sand	30'	Anhydrite	1723'
Sand	280'	Shale	2865'
Shale & Sand	1149'	Shale & Lime	3200'
Sand	1374'	Lime & Shales	3884'
Shale & Sand	1681'	Lime (RTD)	4000'

STATE OF KANSAS )  
                          ) ss:  
COUNTY OF RUSSELL)

Joe K. Branum, of Emphasis Oil Operations, states that the above and foregoing is a true and correct log of the above captioned well, to the best of his knowledge.

\_\_\_\_\_  
Joe K. Branum