

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

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

Contractor: license # 5181
name Slawson Drilling Company, Inc.

Wellsite Geologist Bob Hammond
Phone 316-262-5503

PURCHASER

Designate Type of Completion

New Well Re-Entry Workover

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

If OWWO: old well info as follows:

Operator NA
Well Name
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method: Mud Rotary Air Rotary Cable
4-29-83 5-6-83 5-18-84
Spud Date Date Reached TD Completion Date

3629' PBT
Total Depth PBT

Amount of Surface Pipe Set and Cemented at 569 feet

Multiple Stage Cementing Collar Used? Yes No

If Yes, Show Depth Set NA feet

If alternate 2 completion, cement circulated
from NA feet depth to w/ SX cmt

API NO. 15-051-23,412-00-00
County Ellis
SE NW SW Sec. 22 Twp. 13S Rge. 18 East
(location)

1650 Ft North from Southeast Corner of Section
4290 Ft West from Southeast Corner of Section
(Note: locate well in section plat below)

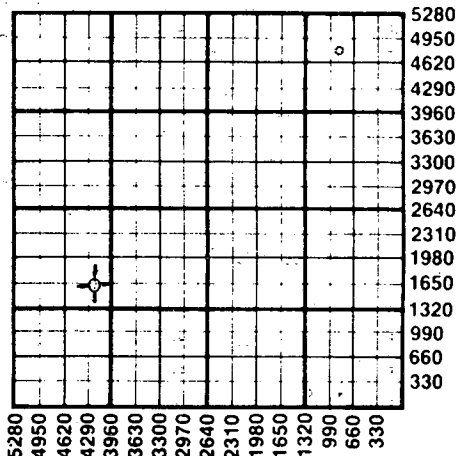
Lease Name Braun "E" Well# 1

Field Name Marvin

Producing Formation None

Elevation: Ground 2059' KB 2065'

Section Plat



WATER SUPPLY INFORMATION

Source of Water:
Division of Water Resources Permit #
 Groundwater Ft North From Southeast Corner and (Well) Ft. West From Southeast Corner of Sec Twp Rge East West
 Surface Water Ft North From Southeast Corner and (Stream, Pond etc.) Ft West From Southeast Corner Sec Twp Rge East West
 Other (explain) Produced water from M. Braun Lease (purchased from city, R.W.D.#)

Disposition of Produced Water: Disposal Repressuring
Docket # CD-78324 (C-22,167)

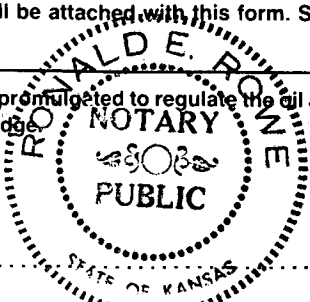
INSTRUCTIONS: This form shall be completed in duplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 90 days after completion or recompletion of any well. Rules 82-3-130 and 82-3-107 apply.

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 Jim W. Sullivan
Title District Engineer
Date 8-22-84



Subscribed and sworn to before me this 22nd day of August, 1984

Notary Public Ronald E. Jones
Date Commission Expires My Appt. Exp. Sept. 9, 1987

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)

RECEIVED
AUG 23 1984
CONSERVATION DIVISION
Wichita, Kansas

22 Twp. 13 Rge. 18 W

Operator Name Energy Reserves Group Lease Name Braun "E" Well# 1 SEC. 22 TWP. 13S RGE. 18 East West

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 Lansing-Kansas City 3496'-3528'
 Op 30, SI 60, OP 60, SI 120
 1st open - weak blow, dead in 11 minutes.
 2nd open - no blow
 Rec. 20' mud. VSSO inttool
 IHP = 1,924 IFP = 33-33 ISIP = 44
 FHP = 1,902 FFP = 33-33 FSIP = 33
 BHT 114° F Chlorides 64,000 P.P.M.

DST #2 Arbuckle 3610'-3629'
 Op 30, SI 60, Op 60, SI 120
 1st open - weak steady blow 1" in bucket
 2nd open - weak steady blow 1" in bucket
 Rec. 90' oil cut mud
 (3% Gas, 47% Oil, 2% Wtr, & 48% Mud)
 IHP = 2,011 IFP = 33-44 ISIP = 965
 FHP = 1,989 FFP = 44-65 FSIP = 1,009
 BHT = 118° Chlorides 56,000 P.P.M.

Name	Top	Bottom
<u>DRILLERS LOG</u>		
Shale & Sand	0	165
Shale	165	572
Shale & Sand	572	1145
Shale	1145	1346
Anhydrite	1346	1381
Shale	1381	2765
Shale & Lime	2765	2950
Lime & Shale	2950	3445
Lime	3445	3528
Lime	3528	3629

FORMATION TOPS

Topeka	3082
Heebner	3325
Toronto	3349
Lansing	3380
Stark Shale	3562
Base KC	3607
Arbuckle	3623
RTD	3629
LTD	3630

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	28	569	50/50 poz	350	2% gel, 3% cc
Production	7-7/8	5-1/2	14	3624	50/50 poz	200	2% gel, 10% salt
(Recovered 2719' of 5-1/2" csg before plugging well)							
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
shots per foot	specify footage of each interval perforated			(amount and kind of material used)			Depth
				Acidized with 1500 gal 15% NE			3624-29'
				Plugged with 165 sxs 50/50 poz, 6% cc, 3% gel, 20 sxs gel, 4 sxs hulls & 1 8-5/8" plug. (See attached Form CP-4)			
TUBING RECORD							
size	NA	set at	packer at	YRAT	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Date of First Production	Producing method <input type="checkbox"/> flowing <input type="checkbox"/> pumping <input type="checkbox"/> gas lift <input type="checkbox"/> Other (explain)						
NA							
Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity		
	Bbls	MCF	Bbls	CFPB			

Disposition of gas: vented sold used on lease

METHOD OF COMPLETION: open hole perforation other (specify)

PRODUCTION INTERVAL: 3624-2629 Swab tested dry

Dually Completed. Commingled