

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
address 925 Patton Road
City/State/Zip Great Bend, KS 67530

Operator Contact Person Jim Sullivan
Phone 316-792-2756

Contractor: license #
name Sierra Petroleum Co., Inc.

Wellsite Geologist
Phone

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 Continental Oil Company
Well Name Irma I. Smith No. 3
Comp. Date 9-18-61 Old Total Depth 4270

WELL HISTORY

Drilling Method: Mud Rotary Air Rotary Cable
Spud Date 9-4-61 Date Reached TD 9-18-61 Completion Date 9-18-61
Total Depth 4270 PBTD 633

Amount of Surface Pipe Set and Cemented at 266 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 Year 1961

County Stafford

SE NW SW Sec 10 Twp. 25S. Rge. 15 West

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

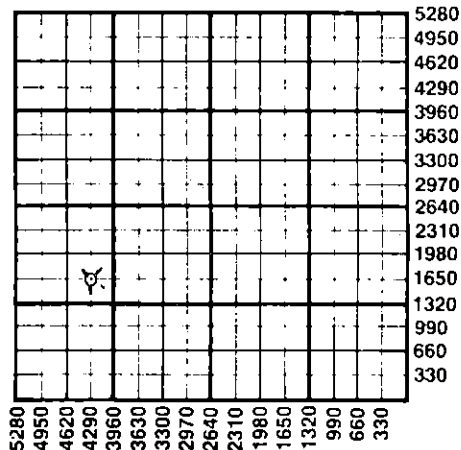
Lease Name I. I. Smith Well# 3

Field Name Haynes Field

Producing Formation

Elevation: Ground 2027 KB 2037

Section Plat



WATER SUPPLY INFORMATION

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

Disposition of Produced Water: Disposal Repressuring
Docket # 72,320-C.(C-10,549)

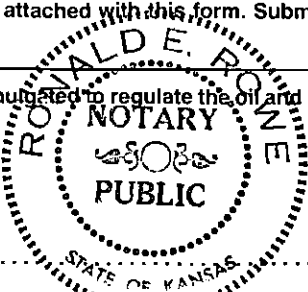
INSTRUCTIONS: This form shall be completed in duplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 90 days after completion or recompletion of any well. Rules 82-3-130 and 82-3-107 apply.

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 12-5-84



Subscribed and sworn to before me this 17th day of January, 1985

Notary Public Ronald E. Powell
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)

Form ACO-1 (7-84)

1 JAN 28 1985
1-28-85
CONSERVATION DIVISION
Wichita, Kan

Sec. 10 Twp. 25S. Rge. 15 West

Operator Name Energy Reserves Group... Lease Name L. I. Smith Well# 3 SEC. 10 TWP. 25S. RGE. 15... 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 No. 1: 3934-3948, Recovered 185 feet of gas, oil and water cut mud.
 IHP 2116, IFP 28-48, ICIP 725
 FHP 2109, FFP 33-70, FCIP 620

DST No. 2: 3977-3987, Recovered 5 feet of drilling mud.
 IHP 2158, IFP 14-18, ICIP 1408
 FHP 2153, FFP 14-33, FCIP 1380

DST No. 3: 4195-4219, Recovered 10 feet slightly gas cut mud.
 IHP 2293, IFP 31-16, ICIP 367
 FHP 2293, FFP 31-28, FCIP 745

Name	Top	Bottom
Heebner	3638	
Toronto	3658	
Brown Lime	3780	
Lansing	3798	
B/Kansas City	4076	
Mississippi	4200	
Kinderhook	4230	
TD	4270	

CASING RECORD <input 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	24	266	Common	225	2% gel, 2% cc
Production....	7-7/8	5-1/2	14	500	50/50 poz	225	2% 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
Open hole	500 to 633 ft						
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No			
size PC 2-7/8 set at		packer at 468					
Date of First Production	Producing method <input type="checkbox"/> flowing <input 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	
	Bbls	MCF	Bbls	CFPB			

Disposition of gas: vented
 sold
 used on lease

METHOD OF COMPLETION
 open hole perforation
 other (specify)

PRODUCTION INTERVAL

Cedar Hills

Dually Completed.
 Commingled