

25-28-14E

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

Operator: License # 31007

Name: Quantum Energy

Address P.O. box 250

City/State/Zip Red Lodge, MT 59068

Purchaser:

Operator Contact Person: Bill Wilson

Phone (406) 446-2630

Contractor: Name: Mokat Drilling

License: 5831

Wellsite Geologist: W.T. Stoeckinger

Designate Type of Completion

☒ New Well ☐ Re-Entry ☐ Workover☐ Oil ☐ SWD ☐ SLOW ☐ Temp. Abd.☒ Gas ☐ ENHR ☐ SIGW☐ Dry ☐ Other (Core, WSW, Expl., Cathodic, etc)

Workover:

Operator:

Well Name:

Comp. Date Old Total Depth

☐ Deepening ☐ Re-perf. ☐ Conv. to Inj/SWD☐ Plug Back ☐ PBTD☐ Commingled ☐ Docket No.☐ Dual Completion ☐ Docket No.☐ Other (SWD or Inj?) ☐ Docket No.

12/12/92 12/16/92 3/26/93

Spud Date Date Reached TD Completion Date

API No 15-205-25,024

County Wilson

NW-NE-SE Sec. 25 Twp. 28S Rge. 14 X E

2245 Feet from S/N (circle one) Line of Section

675 Feet from E/W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
NE, SE, NW or SW (circle one)

Lease Name Selwart Well # 1-A

Field Name Wildcat

Producing Formation Weir Coal, Mulky Coal

Elevation: Ground 863 KB

Total Depth 1139 PBTD

Amount of Surface Pipe Set and Cemented at 43 Feet

Multiple Stage Cementing Collar Used? Yes X No

If yes, show depth set Feet

If Alternate II completion, cement circulated from 1127

feet depth to surface 150 sx cmt.

Drilling Fluid Management Plan None Air drill
(Data must be collected from the Reserve Pit)

Chloride content ppm Fluid volume bbls

Dewatering method used

Location of fluid disposal if hauled offsite:

Operator Name RELEASED

Lease Name License No. 8-1994

Quarter Sec. Twp. S Rng. E/W

County Docket No. FROM CONFIDENTIAL

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 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 geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. 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 William Wilson

Title Operations Manager Date April 26, 1993

Subscribed and sworn to before me this 17th day of June 1993

Notary Public John J. Whiskey MAY 3 1993

Date Commission Expires 02/27/1994
OIL & GAS CONSERVATION DIVISION
Wichita, Kansas

K.C.C. OFFICE USE ONLY
F ☒ Letter of Confidentiality Attached
C ☐ Wireline Log Received
C ☐ Geologist Report Received

Distribution

KCC ☒ SWD/Rep ☒
KGS ☒ Plug ☒
(Specify)

Form ACO-1 (7-91)

JUN 21 1993

SIDE TWO

Operator Name Quantum EnergyLease Name SelwartWell # 1-ASec. 36 Twp. 28 Rge. 15
☒ East
☐ WestCounty Wilson

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
(Attach Additional Sheets.)Samples Sent to Geological Survey ☐ Yes ☒ NoCores Taken ☐ Yes ☒ NoElectric Log Run ☒ Yes ☐ No
(Submit Copy.)

List All E.Logs Run:

Nuutron Density
Dual Induction☒ Log Formation (Top), Depth and Datums ☐ Sample

Name	Top	Datum
Fort Scott	768	+95
Mulky Coal	781	+82
Weir Coal	978	-105
Bartlesville	1012	-149
Mississippian	1074	-211

CASING RECORD

☒ New ☐ 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	13"	10"	40#	43	Port	13	
Intermediate	8 5/8"	7"	20#	372	Port	75	
Production	6 1/4"	4 1/2"	10.5#	1140	Port	150	60/40poxmix 2% gel

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
Perforate				
Protect Casing				
Plug Back TD				
Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4	977-981	250 ga. HCL down tubing	977-981
4	780-786	750 Gal HCL down casing	780-786
TUBING RECORD		Liner Run ☐ Yes ☒ No	
	Size 2 3/8"	Set At 974	Packer At 943
Date of First, Resumed Production, SWD or Inj.		Producing Method ☒ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (Explain)	
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls. Gas-Oil Ratio Gravity

Disposition of Gas: W.O.P.C.☐ Vented ☒ Sold ☐ Used on Lease
(If vented, submit ACO-18.)

METHOD OF COMPLETION

☐ Open Hole ☒ Perf. ☐ Dually Com ☐ Commingled
☐ Other (Specify) _____

Production Interval

977-981

780-786

COPY

WILLIAM T. STOECKINGER

CERTIFIED PETROLEUM GEOLOGIST

303 WEST MYRTLE • INDEPENDENCE, KANSAS 67301 • (316) 331-6360

RELEASED

SEIWERT # 1-A

APR 28 1994

FROM CONFIDENTIAL

WELL NAME : SEIWERT # 1-A, API No. 15-205-25,024
LOCATION: NW NE SE Section 25, 28-14, Wilson County, Ks.
2245' FSL and 675' FEL of section.
ELEVATION: 863 feet surveyed by William Cook.
TOTAL DEPTH: 1138' 1900 hours, December 15, 1992.
SPUDDED: 1400 hours, Saturday December 12, 1992
CASING: 10" to 43' with 13 sacks of cement.
7" to 372' with 75 sxs to shut off shallow gas
4.5" to 1127'
HOLE SIZE: 13" to 43', 8 3/4" to 377', 6 1/4" to TD
CORES: None
LOGS RUN: Gamma Ray Neutron-Density-Caliper and Dual
Induction using Log Tech.
DRILLING CONTRACTOR: Mokat (No. 5831), Tyro, Kansas using
a Schramm air rig and Mission hammer.
850/350 auxiliary air used for surface.
OPERATOR: Quantum Energy (# 31007) of Red Lodge, Mont.
SUPERVISION: Bill Stoeckinger, Geologist, Independence, Ks.
Duane Estelle of Quantum Energy
STATUS: ~~Open-hole, waiting on casing.~~

FORMATION TOPS: Pawnee Lime 688', Englevale (Peru) sand,
734'(6'), Fort Scott 750', Mulky 784', Squirrel sand is
tight, Cattleman sand 960'(16'), Weir coal 978' (2'),
Bartlesville sand 1012'(4'), Riverton coal not developed,
Mississippi 1074' in its Chat facies.

CONCLUSIONS: Excellent gas shows occurred throughout
the section. The best gas flow came from the Mulky coal and
consisted of 600 Mcfgpd. At total depth the well was
flowing at the rate of 1043 Mcfgpd. No gas increase was
seen when the Cattleman sand was cut, indicating depletion.
The thin Bartlesville sand gave an increase of 250 Mcfgpd.
STATE CORPORATION COMMISSION

MAY - 3 1993

CONSERVATION DIVISION
Wichita, Kansas