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

C

API NO. 15-.....205-.24,535 36-28-16E

County.....Wilson.....

..NE NW SW.... Sec.36 Twp.28S Rge.16E X East ___ West

2475 ..... Ft North from Southeast Corner of Section
4455 ..... Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

Lease Name....UMBARGER.....Well # KCAU # 2

Field Name....Altoona.....

Producing Formation...Bartlesville.....

Elevation: Ground.....879.....KB.....GL.....

Operator: License # .....4469.....
Name .....KELT ENERGY, INC.....
Address .....900 College Ave.....
.....Independence, Kansas 67301.....
City/State/Zip .....

Purchaser.....KOCH OIL COMPANY.....
.....Wichita, Kansas.....

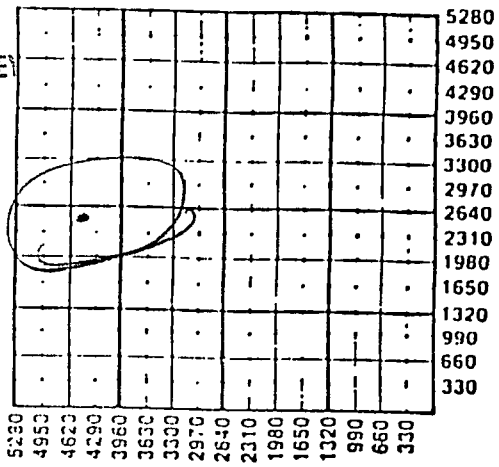
Operator Contact Person ....PETE JOHNSON.....
Phone ..(316) 331-0207.....

Contractor: License # .....5675.....
Name ....McPherson Drilling Co.....

Wellsite Geologist.....JAMES REED.....
Phone...(316) 331-0207.....

JAN 28 1988
KANSAS GEOLOGICAL SURVEY
WICHITA BRANCH

Section Plat



Designate Type of Completion
X New Well ___ Re-Entry ___ Workover
STATE CORPORATION COMMISSION
X Oil ___ SWD ___ Temp Abd
___ Gas ___ Inj X Delayed Comp. JUL 7 1988
___ Dry ___ Other (Core, Water Supply etc.)
If OWWO: old well info as follows: CONSERVATION DIVISION
Operator ....NA.....Wichita, Kansas
Well Name .....
Comp. Date .....Old Total Depth.....

WELL HISTORY

Drilling Method:
___ Mud Rotary X Air Rotary ___ Cable

8/8/87	8/11/87	NA
Spud Date	Date Reached TD	Completion Date
1010	1000	
Total Depth	PBTD	

Amount of Surface Pipe Set and Cemented at 20 feet
Multiple Stage Cementing Collar Used? ___ Yes X No
If yes, show depth set....NA.....feet
If alternate 2 completion, cement circulated
from 1000 feet depth to Top w/ 83 SX cmt
Cement Company Name ..Consolidated.....
Invoice # .....71307.....

WATER SUPPLY INFORMATION

Disposition of Produced Water: ___ Disposal
Docket # ..... ___ Repressuring

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

X Surface Water. 0 ....Ft North from Southeast Corner
(Stream,pond etc) 2640 .....Ft West from Southeast Corner
Sec 36 Twp 28 Rge 16E ___ East ___ West

___ Other (explain).....
(purchased from city, R.W.D. #)

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 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.

Operator: KELT ENERGY I...

Sec. 36 Twp. 28S Rge. 16E ☐ East ☐ West County Wilson

WELL LOG

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill ste tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-i pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rate 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

Name	Top	Bottom
See attached logs.		

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	9 1/2	6 5/8	10.0	20	I	5	None
PRODUCTION	5 1/4	2 7/8	6.5	1000	50/50 Poz	83	5% salt 2% gel

PERFORATION RECORD Shots Per Foot	Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth

TUBING RECORD Size Set At Packer at Liner Run ☐ Yes ☐ No

Date of First Production | Producing Method ☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (explain)

DRILLERS LOG

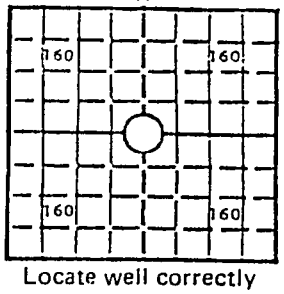
S. 36 T 28S R. 16 (E) W

Loc. NE NW SW

API No. 15 – 205 (County) – 24,535 (Number)

County Wilson

640 Acres



Locate well correctly

Operator: Kelt Energy Inc.

Address: 900 College Ave. Ind. KS. 67301

Well No.: KCAU 2 | Lease Name: Umbarger — Well files

Footage Location: feet from (N) (S) line — feet from (E) (W) line

Principal Contractor: McPherson Drilling | Geologist:

Spud Date: 8-8-87 | Total Depth: 1010 | P.B.T.D.:

Date Completed: 8-11-87 | Oil Purchaser:

Elev.: Gr. _____ DF _____ KB _____

RECEIVED
STATE CORPORATION COMMISSION
JAN 27 1988
CONSERVATION DIVISION
Wichita, Kansas

CASING RECORD

Report of all strings set—surface, intermediate, production, etc.

Purpose of string	Size hole drilled	Size casing set (in O.D.)	Weight lbs/ft.	Setting depth	Type cement	Sacks	Type and percent additives
SURFACE	9 1/2	7"	20	20'	Portland	5	
PRODUCTION	5 1/4						

672-692 Core
941-961 Core

WELL LOG

Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

Formation	Top	Btm.
Soil	0	3
Clay	3	10
Shale	10	27
Lime	27	33
Sand	33	67
Shale	67	72
Sand	72	86
Lime	86	88
Sand	88	104
Lime	104	110
Shale	110	146
Lime	146	149
Shale	149	151
Lime	151	237
Sandy Shale	237	242
Shale	242	274
Lime	274	296
Shale	296	300
Lime	300	350
Shale	350	391
Shale + Lime	391	397
Shale	397	415
Lime	415	419
Shale	419	430
Lime	430	435
Shale	435	446
Lime	446	457
Sandy Shale	457	469
Shale	469	488
Sand	488	502
Laminated Sand	502	518
Sandy Shale	518	553
Pink Lime	553	556
Shale Break	556	560
Pink Lime	560	584
Sandy Shale	584	602
oil Sand	602	605
Shale	605	623
Oswego Lime	623	643
Shale	643	649
2nd Oswego	649	657
Shale	657	662
3rd Oswego	662	664
Shale	664	672
Laminated Sand	672	675
oil Sand	675	683
Laminated Sand	683	690
Sandy Shale	690	702
Shale	702	710
Sandy Shale	710	731
Laminated Sand	731	742
Sandy Shale	742	788
oil Sand	788	834
Lime	834	836
Laminated Sand	836	851
Shale	851	869
Sandy Lime	869	877
Shale	877	886
Lime	886	888
Shale	888	914
Sandy Shale	914	920
Lime	920	922
Sandy Shale	922	940
oil Sand	940	942
Laminated Sand	942	943
oil Sand	943	944
Laminated Sand	944	945
oil Sand	945	946
Laminated Sand	946	1010
		TD

Trilobite