

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 # 9755
name Advanced Recovery Services Co.
address P. O. Box 5351

City/State/Zip Englewood, CO 80155

Operator Contact Person Fred Haddenhorst
Phone 303-790-0252

Contractor: license # 5137
name J. W. Drilling Co., Inc.

Wellsite Geologist Dwight J. Williams
Phone 316-263-5705

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
Well Name
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method: Mud Rotary Air Rotary Cable

10-3-84 10-11-84 10-11-84
Spud Date Date Reached TD Completion Date

4335
Total Depth PBT

Amount of Surface Pipe Set and Cemented at 8-5/8"@300 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. 15-135-22,671-00-00

County Ness

C SW SE Sec 3 Twp 16S Rge 21W East
(location) XX West

660 Ft North from Southeast Corner of Section
1980 Ft West from Southeast Corner of Section
(Note: locate well in section plat below)

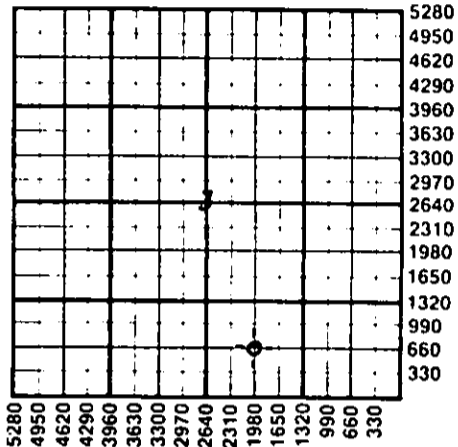
Lease Name Case Well# 1

Field Name Wildcat

Producing Formation -----

Elevation: Ground 2348 KB 2353

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) Cheyenne Well Service-
(purchased from city, R.W.D.#) purchased

Disposition of Produced Water: Disposal Repressuring

Docket #

RECEIVED
STATE CORPORATION COMMISSION
10-17-1984
CONSERVATION

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.

J. W. DRILLING CO., INC.
Signature *Jon W. Williams, Jr.*
Title Jon W. Williams, Jr., President Date 10-11-84

Subscribed and sworn to before me this 11 day of October 19 84

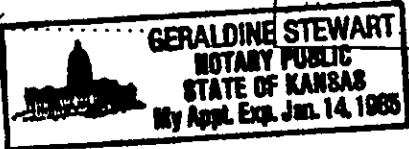
Notary Public *Geraldine Stewart*
Date Commission Expires

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)



Sec. 2, Twp. 16, Rge. 21W

Operator Name Advanced Recovery Services Lease Name Case Well# 1 SEC 3 TWP 16S RGE 21W 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

DRILLERS LOG

Clay & rock.....	0	-	100
Shale.....	100	-	302
Grey Shale & Red Bed.....	302	-	920
Shales.....	920	-	1185
Sand.....	1185	-	1350
Shale.....	1350	-	1805
Red Bed & Shale.....	1805	-	2000
Shale & Lime Shells.....	2000	-	2345
Shale & Lime.....	2345	-	4015
Lime.....	4015	-	4095
Shale & Lime.....	4095	-	4170
Lime.....	4170	-	4253
Cherokee Sand.....	4253	-	4278
Lime.....	4278	-	4290
Lime & Shale.....	4290	-	4297
Lime.....	4297	-	4335

Name	Top	Bottom
Anhydrite.....	1662	+ 690
Heebner.....	3755	-1403
Lansing.....	3800	-1448
B/Kansas City....	4058	-1706
Pawnee.....	4146	-1794
Cherokee Shale....	4208	-1856
1st Cherokee Sand.	4230	-1878
Miss.....	4293	-1941
LTD.....	4334	-1982
RTD.....	4335	-1983

DST#1 4200-53, op 15-15-0-0, 1st open strong blow - 1 min., rec. 73' mud, 434' muddy water IBHP 1976, IFP 182-375
 DST#2 4263-78, op 15-15-0-0, 1st open strong blow 1 min, rec. 846' muddy water, IBHP 1083, IFP 234-446
 DST#3 4279-97, op 15-15-0-0, 1st open strongblow 3 min, rec. 620' muddy water IBHP 1127, IFP 127-340

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"	24#	300'	60/40 poz	200	2% gel, 3% 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
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input 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)						
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)
 Dually Completed.
 Commingled

PRODUCTION INTERVAL