

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 # 5988  
Name Halliburton Oil Producing Co.  
Address 2915 Classen Blvd #300  
City/State/Zip Oklahoma City, OK 73106

Purchaser: K N Energy transfers to spot market

Operator Contact Person Jim Richardson  
Phone (405) 525-3371

Contractor: License # 5122  
Name Woodman-Tannitti Drilling Co.

Wellsite Geologist William A Sladek  
Phone (316) 722-2004

Designate Type of Completion  
 New Well  Re-Entry  Workover  
 Oil  SWD  Temp Abd  
 Gas  Inj  Delayed Comp.  
 Dry  Other (Core, Water Supply etc.)

If OHWO: old well Info as follows:  
Operator  
Well Name  
Comp. Date  
Old Total Depth

WELL HISTORY

Drilling Method:  
 Mud Rotary  Air Rotary  Cable  
10/26/89 11/04/89 11/14/89  
Spud Date Date Reached TD Completion Date  
5200' 5149'  
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 513 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  
Cement Company Name  
Invoice #

API NO. 15-097-21,280-0000  
County KIOWA  
Apprx. N/2 NW/4 Sec 6 Twp 29 Rge 20 XX West

4620 Ft North from Southeast Corner of Section  
3840 Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

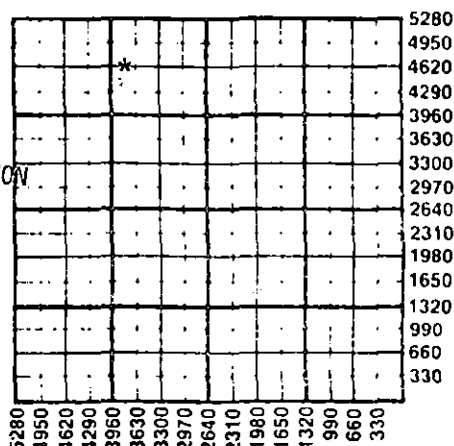
Lease Name RUDD Well # 2-6

Field Name Pleasant Valley

Producing Formation Mississippi

Elevation: Ground 2377 KB 2382

Section Plat



RECEIVED  
DEC 29 1989  
12-29-1989  
CONSERVATION DIVISION  
Wichita, Kansas

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 Sec Twp Rge East West

Surface Water Ft North from Southeast Corner (Stream, pond etc) Ft West from Southeast Corner Sec Twp Rge East West

XX Other (explain) Purchased (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.

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 James E. Richards  
Title Vice President Date 12/27/89

Subscribed and sworn to before me this 27th day of December 1989  
Notary Public Julie A. Washam (Julie A. Washam)  
Date Commission Expires 5-12-92

K.C.C. OFFICE USE ONLY  
F Letter of Confidentiality Attached  
 Wireline Log Received  
 Drillers Timelog Received  
Distribution  
 KCC  SWD/Rep  NGPA  
 KGS  Plug  Other (Specify)

f p1

Operator Name **HALLIBURTON OIL PRODUCING COMPANY** Lease Name **RUDD** Well # **2-6**

Sec. **6** Twp. **29** Rge. **20**  East  West County **KIOWA**

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"  
 40 - 514 Shale & sand stks  
 514 - 800 No description  
 800 - 1336 Shale  
 1336 - 1370 Anhydrite  
 1370 - 2490 Shale  
 2490 - 2692 Lime  
 2692 - 2930 Shale & lime  
 2930 - 5200 Lime  
 5200 RTD

Name	Top	Bottom
Heebner Shale	4225	
Brown Lime	4393	
Lansing	4399	
Base/Kansas City	4820	
Cherokee Shale	4958	
Conglomerate	5041	
Mississippian	5051	

DST #1 5068-80

30-60-60-120 Good blow  
 G.T.S. in 5 min.  
 1st Flow Gauge 2nd Flow Gauge  
 156 MCF in 10 min 398 MCF in 10 min  
 227 " " 20 min 411 " " 20 min  
 303 " " 30 min 411 " " 30 min  
 IFP 107-118 FFE 161-161  
 ICIP 569 FCIP 569

DST #2 Mis-run

DST #3 5028-56 (Log Meas. IFP 107-118  
 30-60-60-120 Good blow. FFP 129-129  
 G.T.S. in 6 min. 1st flow: ICIP 538  
 175 MCF in 10 min IHP 2562  
 227 " " 20 min FHP 2540  
 227 " " 30 min 2nd flow:  
 227 " " 20 min, 245@ 40 min,  
 227@ 60 min.

CASING RECORD <input type="checkbox"/> New <input checked="" 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#	513'	60-40 Poz-Mix	375	2% gel, 3% CC
Production	7-7/8	4 1/2	10.5#	5199'	50/50 Poz	150	2% gel, 18% 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	
2 SPF	5072-5086			1000 gal 15% MCA			
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Date of First Production		Size		Set At		Packer at	
11-14-89		2-3/4		5074'		NA	
Producing Method				<input checked="" 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	
0 Bbls		50 MCF		0 Bbls		CFPB	

METHOD OF COMPLETION

Production Interval

Disposition of gas:  Vented  Sold  Open Hole  Perforation  Other (Specify).....  
 Used on Lease  Dually Completed  Commingled

5072-5086