

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

Operator: License # 4779

Name: NORTH AMERICAN RESOURCES CO.

Address 16 E. GRANITE

City/State/Zip BUTTE, MT 59701

Purchaser: _____

Operator Contact Person: BEN STROMBERG

Phone (406) 782-4233

Contractor: Name: RED TIGER DRILLING CO.

License: 5302

Wellsite Geologist: Wesley D. Hansen

Designate Type of Completion

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

If OMMO: old well info as follows:

Operator: _____

Well Name: _____

Comb. Date _____ Old Total Depth _____

Drilling Method:

Mud Rotary Air Rotary Cable

4-13-91 4-24-91 5/3/91

Spud Date Date Reached TD Completion Date

API NO. 15- 055-20,992

County FINNEY

C SW SE Sec. 08 Twp. 23 Rge. 30 X East West

660 Ft. North from Southeast Corner of Section

1980 Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)

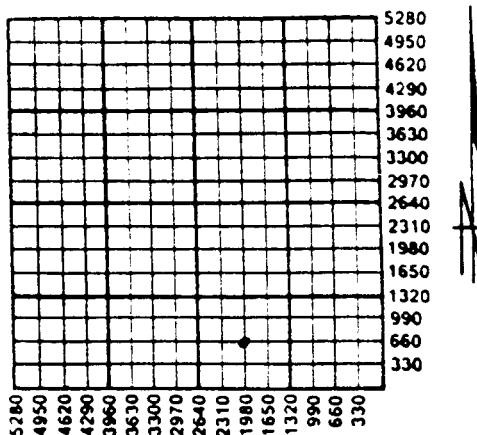
Lease Name HAFLICH Well # #8-3

Field Name N/A

Producing Formation Morrow Sd

Elevation: Ground 2833' KB 2838'

Total Depth 4910 PTD 4865'



5280
4950
4620
4290
3960
3630
3300
2970
2640
2310
1980
1650
1320
990
660
330

Amount of Surface Pipe Set and Cemented at 1781 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cmt.

RESTRUCTIONS: 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 signed with the form. See rule 82-3-107 for confidentiality in excess of 12 months. One copy of all wireline logs and driller's time log 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. Any recompletion, workover or conversion of a well requires filing of ACO-2 within 120 days from commencement date of such work.

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 D. Hansen E. Elie

Role Sr. Petroleum Engineer Date 6/24/91

Subscribed and sworn to before me this 21 day of July, 1991.

Notary Public Notary Public

Date Commission Expires 11-14-91

K.C.C. OFFICE USE ONLY
 Letter of Confidentiality Attached
 Wireline Log Received
 Drillers Timelog Received

Distribution
 KCC SWD/Rep
 KGS Plug
 NGPA Other
 (Specify)

SIDE TWO

Operator Name NORTH AMERICAN RESOURCES CO. Lease Name HAFLICH Well # #8-3
 East County FINNEY
 Sec. 8 Twp. 23 Rge. 30 West

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 (Attach Additional Sheets.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Formation Description		
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Log	<input type="checkbox"/> Sample	
Cores Taken	<input type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Bottom
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Anhydrite	1983	2044
DTS's, Logs, and Cement Tickets are enclosed.		B/Anhydrite	2044	3986
		Heebner	3986	4077
		Lansing	4077	4469
		BKC	4469	4491
		Marmaton	4491	4465
		Pawnee	4465	4595
		Fort Scott	4595	4610
		Cherokee	4610	4730
		Morrow Sd	4730	4750
		St. Genevieve	4750	4824
		St. Louis	4824	TD-4912

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	1781	60/40 Poz H	710	6% gel + 2% CC
Production	7-7/8"	5-1/2"	14	4910'	Class H	100	+1/4#/sk Cello-Seal
							2% CC + 1/4#/sk Cello-Seal
						300	10% Thixad + 10% Salt + .6% CF-s
PERFORATION RECORD Specify Footage of Each Interval Perforated				Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth			
4 SPF	4730-46'			3000 gal 2% KCL + .2% Clayfix II + 4730-46'			
				.1% Claysta XP + .5% MUSCOA + .1%			
				Losurf 300 w/120 ball sealers.			
				Displace w/1200 gals 2% KCL w/add.			
TUBING RECORD		Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
		2-7/8"	4830	NA			

Date of First Production 5/09/91	Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)
Estimated Production Per 24 Hours	Oil Bbls. Gas Mcf Water Bbls. Gas-Oil Ratio Gravity
	37 TSTM 0

Disposition of Gas:	METHOD OF COMPLETION			Production Interval:
<input type="checkbox"/> Vented <input type="checkbox"/> Sold <input checked="" type="checkbox"/> Used on Lease (If vented, submit ACO-18.)	<input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perforation <input type="checkbox"/> Dually Completed <input type="checkbox"/> Commingled	<input type="checkbox"/> Other (Specify)		