

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

API NO. 15- 055-21183

County FINNEY

 - NW - NW - SW Sec. 18 Twp. 21S Rge. 34 ^E
 ^X _W

Operator: License # 04779

2239 Feet from S (circle one) Line of Section

Name: NORTH AMERICAN RESOURCES CO.

401 Feet from E (circle one) Line of Section

Address 16 E. GRANITE

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

City/State/Zip BUTTE, MT. 59701

Lease Name KESTER Well # 18-1

Purchaser: _____

Field Name CHRISTABELLE

Operator Contact Person: JIM ELSE

Producing Formation MORROW SD 4816'-32' KB

Phone (406) 782-4233

Elevation: Ground 3053' KB 3058'

Total Depth 4970' PBDT 4903'

Contractor: Name: MURFIN DRILLING CO., INC.

Amount of Surface Pipe Set and Cemented at 486 Feet

License: 30606

Multiple Stage Cementing Collar Used? XX Yes No

Wellsite Geologist: WESLEY HANSEN

If yes, show depth set 2113' DV TOOL Feet

Designate Type of Completion
XX New Well Re-Entry Workover

If Alternate II completion, cement circulated from 2113'

XX Oil SWD SLOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc)

foot depth to 1209' w/ 730 sx cat.

Drilling Fluid Management Plan P-30-97
(Data must be collected from the Reserve Pit)

If Workover/Re-Entry: old well info as follows:

Operator: _____

Chloride content _____ ppm Fluid volume _____ bbls

Well Name: _____

Dewatering method used _____

Comp. Date _____ Old Total Depth _____

Location of fluid disposal if hauled offsite: _____

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

Operator Name _____

Lease Name _____ License No. _____

03-15-93 03-23-93 4-23-93
Spud Date Date Reached TD Completion Date

Quarter Sec. Twp. S Rng. E/W

County _____ Docket No. _____

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 Jim Else

Title SUPERVISOR OF ENGINEERING Date 08-10-93

Subscribed and sworn to before me this 13th day of August, 19 93.

Notary Public Jim O'Neil

Date Commission Expires May 24, 1994

K.C.C. OFFICE USE ONLY

F Letter of Confidentiality Attached

C Wireline Report Received

C Geologist Report Received

RECEIVED

AUG 26 1993

 KCC SWD/Rep NGPA

 KGS PWD Other

CONSERVATION DIVISION
Wichita, Kansas (Specify)

Operator Name NORTH AMERICAN RESOURCES CO. Lease Name KESTER Well # 18-1

Sec. 18 Twp. 21S Rge. 34 East West County FINNEY

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	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input type="checkbox"/> No	BASE/ANHYDRITE	2162	+895
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	HEEBNER	3885	-828
List All E.Logs Run:		LANSING	3931	-874
ZDL	COMPENSATED Z-DEN	CHEROKEE	4577	-1520
BHC ACOUSTILOG	DIFL	ATOKA	4700	-1643
CBL	PROLOG	MORROW SH	4780	-1723
STRATADIP	DIPLOG	MORROW SD	4816	-1759
		REWORKED MISS.	4834	-1777
		STE. GENEVIEVE	4847	-1790
		STE. LOUIS	4896	-1839

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"	24#	468'	60/40	275	2%Ge1 3%CC
PRODUCTION	7-7/8"	5-1/2"	14#	4945'	Premium Lite	140	65/35 POZ
					Premium	220	
						80	RFC 10-0

ADDITIONAL CEMENTING/SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> 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	1640'-41'	CEMENT SQUEEZE 290 SX PREMIUM	19'
4	1420'-21'	CEMENT SQUEEZE 440 SX PREMIUM	216'
8	4816'-32'	PERFORATE	16'

TUBING RECORD	Size 2-3/8"	Set At 4852'	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj.	5-3-93	Producing Method	<input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pump	STATE OIL CORPORATION COMMISSION (Explain)
Estimated Production Per 24 Hours	Oil 120 Bbls.	Gas	Mcf 10	Water Bbls. Gravity

Disposition of Gas: Vented Sold Used on Lease (if vented, submit ACO-18.)

METHOD OF COMPLETION: Open Hole Perf. Dually Comp. Other (Specify)

CONSERVATION DIVISION Production Interval: Wichita, Kansas Commingled