

FORM MUST BE TYPED

SIDE ONE

ORIGINAL

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

API NO. 15- 181-20294-00-00
County Sherman
NE NE SW - Sec. 5 Twp. 8 Rng. 39 X E

Operator: License # 30282

Name: Lobo Production, Inc

Address P.O. Drawer J

City/State/Zip Cortez, Colo. 81321

Purchaser: KN Gas Marketing

Operator Contact Person: John P. Sanders

Phone (303) 565-7186

Contractor: Name: Lobo Rig

License: 30282

Wellsite Geologist: _____

Designate Type of Completion
 New Well Re-Entry Workover

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

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

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

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

10/25/92 11/05/92 11/05/92
Spud Date Date Reached TD Completion Date

2310 Feet from SW (circle one) Line of Section

2970 Feet from EW (circle one) Line of Section

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

Lease Name John Hendrich Well # 3-5

Field Name Goodland Gas

Producing Formation Niobrara

Elevation: Ground 3655' KB 3655

Total Depth 1080' PSTD _____

Amount of Surface Pipe Set and Cemented at 370 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.

Drilling Fluid Management Plan SL-1 3-24-93
(Data must be collected from the Reserve Pit)

Chloride content _____ ppm Fluid volume 100 bbls

Dewatering method used Settling pit

Location of fluid disposal if hauled offsite: _____

Operator Name _____

Lease Name _____ License No. _____

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-11 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 John P. Sanders

Title API Date 2-16-93

Subscribed and sworn to before me this 16 day of Feb 1993.

Notary Public Candy Skinner

Date Commission Expires 01-28-94

RECEIVED
FEB 19 1993 2-19-93
KANSAS CORPORATION COMMISSION
CONSERVATION DIVISION
Wichita, Kansas
OFFICE USE ONLY
 Letter of Confidentiality Attached
 Wireline Log Received
 Geologist Report Received
Distribution
 KCC SWD/Rep NEPA
 KGS Plug Other
(Specify)

PI

ORIGINAL

SIDE TWO

Operator Name Lobo Production, Inc. Lease Name John Hendrich Well # 3-5
 East County Sherman
 Sec. 5 Twp. 8 Rge. 39 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 Yes No
 (Attach Additional Sheets.)
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No
 Electric Log Run Yes No
 (Submit Copy.)

Log Formation (Top), Depth and Datum Sample
 Name Top Datum
 Niobrara 978 GL

List All E.Logs Run:
 Dual Induction
 Netron/ Density

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	9 1/2	7	23.0	370	Class A	82	
Production	6 1/2	4 1/2	11.6	1072	class A	35	2% gel

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	980 - 1010	94,000 lbs. sand-60T CO2

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SVD or Inj.	Producing Method <input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			
Initial Prod.	1/03/93			
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio Gravity
		120		

Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)
 METHOD OF COMPLETION: Open Hole Perf. Dually Comp. Commingled Other (Specify) _____
 Production Interval: 980 - 1010

15-181-20294-00-00

ORIGINAL

AFFIDAVIT AND CEMENTING REPORT

Operator Lobo Production, Inc. Well Name Hendrich #3-5

County Sherman, State Kansas

Well Location NE-NE-SW sec. 5 Date Cemented October 30, 1993

T.8 Rg. 39W

Hole Size 9 7/8" Csg Size and Weight 7" 23 lbs.

Hole Depth 380' Csg Depth 370' Csg Cap. 1.65 gal./ft.

Sacks of Cement 82 Gel % by wt. 0 Amt water 533 gal

Density 14.7 lb/gal Calculated Ht of Cmt above Btm of Csg Ground Level

Cement Calculations:

Vol. between csg. and hole 1.98 gal./ft.

Wash out (incl. vol. left in csg.) 13 %.

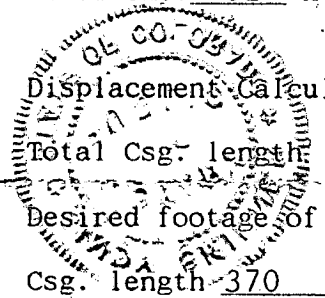
Density desired 14.7 lbs./ gal. Water required 6 1/2 gal. / sk.

Vol./ mixed sk. 10.1 gal.

Depth 370 ft X Vol. 1.98 gal./ ft. X 1.13 % = 828 Tot Slurry

Total Slurry 828 ÷ vol/ mixed sk. 10.1 = 82 Total sks.

Total sks. 82 x Gal. water required/sk. 6 1/2 = 533 gal. Tot. Water



Displacement Calculations:

Total Csg. length 370 ft. Capacity 1.65 gal./ ft.

Desired footage of cement to be left in Csg. 20 ft.

Csg. length 370 ft. - cement left in Csg. 20 ft X capacity 1.65 = 578 Total gal in Csg.

Allowance for capacity of pump, hoses, etc + 20 gal.

Total Displacement 598 gal.

15-181-20294-00-00
1993 OCT 31 AM

I, John P. Sanders, representative of Lobo Production, Inc. located at P.O. Drawer J; Cortez, CO 81321, witnessed the cementing of the Hendrich #3-5 well, and it was done in accordance with the attached calculations.


Comments: Cement circulated to surface. Had to dig about 150 gal. of hard cement out of pit. Found about 15' of hard cement in Csg. when we drilled out.

Signed: John P. Sanders
John P. Sanders
Pres Lobo Production

State of Colorado,
County of Montezuma

This instrument was acknowledged before me on this 22nd day of March, 1993, by John P. Sanders

Cindy Skinner
Notary Public, State of Colorado



My Commission Expires: 01-28-94

RECEIVED
STATE CORPORATION COMMISSION.

MAR 24 1993

CONSERVATION DIVISION
Wichita, Kansas

SCHLOSSER CONCRETE
BOX 635
GOODLAND KANSAS 67735

899-6535

Nov 16
#238

5876

10/30/92

ORIGINAL

15-181-26294-00-00

LOBO PRODUCTION
RRT.2, BOX 76-A
GOODLAND, KS 67735
JOB: N. OF LANDFILL

449.81

364.00

52 sk

700.00

Lacl

@ 5¢ 35.00

53 x 75 = 2475

inv.

CONCRETE: 1 SK:	82	7 ⁰⁰ /sk	\$574.00
FIBERMESH:			
ROCK:			
MILES:	#:		
FILL:			
DEL CHG:	65 mi?	TRUCK	\$0.75
MISC:	minutes		
MISC1:			
MISC2:			
MISC3:			

\$574.00
\$0.00
\$0.00
\$0.00
\$0.00
\$48.75
\$0.00
\$0.00
\$0.00
\$0.00

SUBTOTAL:	\$622.75
TAX:	\$38.30
TOTAL:	\$661.05

Hendrich

THANK YOU FOR YOUR BUSINESS

GARY !!!!

Ch #
237 Nov. 16

NOT ACCEPTABLE
You used same TICKET
For two wells

RECEIVED
STATE CORPORATION COMMISSION

FEB 19 1993

CONSERVATION DIVISION
Wichita, Kansas



P.O. Box 4442
Houston, Texas 77210

15181-20294-00-00 CEMENTING LOG

STAGE NO.

ORIGINAL

Date 11-6-92 District Ogkley Ticket No. 001304
Company Lobo Production Rig _____
Lease Hendrich Well No. _____
County _____ State _____
Location Goodland - 4 1/2 Bl. Field _____
1/2 E - 1/2 N - 11 W

CASING DATA: PTA Squeeze
Surface Intermediate Production Liner
Size 4 1/2 Type _____ Weight Duko Collar _____

Casing Depths: Top _____ Bottom _____

Drill Pipe: Size _____ Weight _____ Collars _____

Open Hole: Size _____ T.D. _____ ft. P.B. to _____ ft.

CAPACITY FACTORS:

Casing: Bbbs/Lin. ft. 0.155 Lin. ft./Bbl. 64.34
Open Holes: Bbbs/Lin. ft. _____ Lin. ft./Bbl. _____
Drill Pipe: Bbbs/Lin. ft. _____ Lin. ft./Bbl. _____
Annulus: Bbbs/Lin. ft. _____ Lin. ft./Bbl. _____
Perforations: From _____ ft. to _____ ft. Amt. _____

COMPANY REPRESENTATIVE A. Sanders

CEMENT DATA:
Spacer Type: _____
Amt. _____ Skys Yield _____ ft³/sk Density _____ PPG

LEAD: Pump Time _____ hrs. Type Surefill 27 gal
Excess _____

Amt. 35 Skys Yield 1.55 ft³/sk Density 14.3 PPG

TAIL: Pump Time _____ hrs. Type _____
Excess _____

Amt. _____ Skys Yield _____ ft³/sk Density _____ PPG

WATER: Lead _____ gals/sk Tail _____ gals/sk Total _____ Bbbs.

Pump Trucks Used _____

Bulk Equip. _____

Float Equip: Manufacturer _____

Shoe: Type Guide shoe Depth _____

Float: Type Auto fill insert Depth _____

Centralizers: Quantity 3 Plugs Top _____ Btm. _____

Stage Collars _____

Special Equip. _____

Disp. Fluid Type Fresh water Amt. 16.6 Bbbs. Weight _____ PPG

Mud Type _____ Weight _____ PPG

CEMENTER: Kenneth O. Boulware

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbbs Min.	
12:00						On Location
12:45						Set up ticks
1:00						Pre job safety meeting
2:10						Hook up to cement
2:17	0	9.6				Mix 35 SK Surefill 270 gal + 12 lb
2:17						Call to take per sta
2:21		16.6			2	Displace
2:30	300					Plug down
2:30						Job complete
						Thank you,
						RECEIVED
						STATE REGISTRATION COMMISSION
						FEB 19 1993
						CONSERVATION DIVISION
						Wichita, Kansas

Cement tickets
DLT 1
used some cement
ticket
2-3-97