

FORM MUST BE TYPED

3613

COPY
SIDE ONESTATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASEOperator: License # 5701Name: National Oil Co.Address P. O. Box 399City/State/Zip Garden City, KS 67846Purchaser: NoneOperator Contact Person: Michael J. WreathPhone (316) 275-2963Contractor: Name: Plains, Inc.License: 4072Wellsite Geologist: NoneDesignate Type of Completion
 New Well Re-Entry X Workover Oil SWD SIOW Temp. Abd.
 Gas X ENHR SIGW
 Dry Other (Core, VSW, Expl., Cathodic, etc)

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

Operator: National Oil Co.Well Name: Grass 'D' No. 1Drilling Comp. Date May 28, 1976 Old Total Depth 1980 Deepening Re-perf. X Corrosion Inj/SWD
 Plug Back PSTD
 Commingled Docket No.
 Dual Completion Docket No.
X Other (SWD or Inj?) Docket No. E-26,338Spud Date May 18, 1976 Date Reached TD May 28, 1976 Completion Date June 15, 1976 (old)API NO. 15- 083-20,468County Hodgeman150'E - C - NE - SW Sec. 11 Twp. 21 Rge. 25 X E1980 Feet from (S) N (circle one) Line of Section2130 Feet from E (circle one) Line of SectionFootages Calculated from Nearest Outside Section Corner:
NE, SE, NW or (SW) (circle one)Lease Name Grass 'D' Well # 1Field Name StairettProducing Formation MississippianElevation: Ground 2301 KB 2306Total Depth 4490 PSTD 4461Amount of Surface Pipe Set and Cemented at 296 FeetMultiple Stage Cementing Collar Used? Yes X NoIf yes, show depth set FeetIf Alternate II completion, cement circulated from 1390feet depth to Surface w/ 950 sx cmt.Drilling Fluid Management Plan No Reserve Pit
(Data must be collected from the Reserve Pit) 2-17-92Chloride content ppm Fluid volume bblsDrilling method used Location of fluid disposal if hauled offsite: Operator Name Lease Name License No. Quarter Sec. Twp. S Rng. E/WCounty 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 Michael J. Wreath
Title Company Geologist Date Feb. 5, 1992Subscribed and sworn to before me this 10th day of February, 19 92.Notary Public Patricia S. MeryDate Commission Expires 2-14-93PATRICIA S. MERY
NOTARY PUBLIC
STATE OF KANSAS
2-14-93

K.C.C. OFFICE USE ONLY

F Letter of Confidentiality Attached
C X Wireline Log Received
C Geologist Report Received

Distribution

X KCC SWD/Rep NSPA
KGS Plug Other
(Specify)

SIDE TWO

Operator Name National Oil Co. Lease Name Grass 'D' Well # 1
 Sec. 11 Twp. 21 Rge. 25 ☐ East County Hodgeman
☒ 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.)

List All E.Logs Run: New log-Temperature Survey (2)

☐ Log Formation (Top), Depth and Datum ☐ Sample
 Name Top Datum
 No new drilling

CASING RECORD

☐ New ☒ Used

Original

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 $\frac{1}{4}$ "	8-5/8"	28	296'	Common	200	2% gel, 1% CC
Production	7 7/8"	4- $\frac{1}{2}$ "	10 $\frac{1}{2}$	4488'	60-40 Poz	175	18% salt, 2% d

NEW

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input checked="" type="checkbox"/> Perforate				
<input checked="" type="checkbox"/> Protect Casing	0-1390	Light & Flosele & Poz mix	950	-----
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

NEW 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
3	1390' Perforate to squeeze	450 sacks cement	1390'
3	750' Perforate to squeeze	250 sacks cement	750'
3	595' Perforate to squeeze	250 sacks cement	595'

TUBING RECORD	Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	2 3/8"	4394'	4394'		
Date of First, Resumed Production, SWD or Inj.	Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input checked="" type="checkbox"/> injection Well				
Waiting on permission to inject	Other (Explain) _____				
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

Disposition of Gas:

METHOD OF COMPLETION

Production Inter-

☐ Vented ☐ Sold ☐ Used on Lease
 (If vented, submit ACO-18.)

☐ Open Hole ☒ Perf. ☐ Dually Comp. ☐ Commingled

4433'-4438'