

9-35s-35w

COPY

SIDE ONE

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

API NO. 15- 189 21548 0001County StevensC NE NW Sec. 9 Twp. 35S Rge. 35 X E660 Feet from S (N) (circle one) Line of Section1980 Feet from E (W) (circle one) Line of SectionFootages Calculated from Nearest Outside Section Corner:
NE, SE, (NW) or SW (circle one)

(FORMERLY THOMAS #1)

Lease Name M. A. FIELDS Well # 4GoochProducing Formation MorrowElevation: Ground 2,986' KB 2,998'Total Depth 6,700 PBTB CIBP @ 6485'Amount of Surface Pipe Set and Cemented at 1,700' FeetMultiple Stage Cementing Collar Used? X Yes NoIf yes, show depth set 3,600' FeetIf Alternate II completion, cement circulated from feet depth to w/ sx cmt.Drilling Fluid Management Plan REWORK JX 1-22-97
(Data must be collected from the Reserve Pit)Chloride content ppm Fluid volume bblsDewatering method used Location of fluid disposal if hauled offsite: Operator Name Lease Name License No. Quarter Sec. Twp. S Rge. E/WCounty Docket No. Operator: License # 4742Name: Texaco E & P, Inc.Address P.O. Box 2700City/State/Zip Pampa, TX 79066-2700Purchaser: Northern Natural GasOperator Contact Person: Sylvia PorterPhone (806) 669-8456Contractor: Name: License: Wellsite Geologist: None

Designate Type of Completion

 New Well Re-Entry X Workover Oil SWD SLOW Temp. Abd.X Gas ENHR SIGW Dry Other (Core, WSW, Expl., Cathodic, etc.)

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

Operator: Texaco E & P Inc.Well Name: Thomas #1Comp. Date 8-17-93 Old Total Depth 6,700' Deepening X Re-perf. Conv. to Inj/SWDXX Plug Back 6485' PBTB X **RENAMED WELL** Commingled Docket No. Dual Completion Docket No. Other (SWD or Inj?) Docket No. 8-4-96 8-16-96 9-5-96 Date of START Date Reached TD Completion Date of **OF WORKOVER** **WORKOVER**

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 Sylvia PorterTitle Engineering Technician Date 9-10-96Subscribed and sworn to before me this 10th day of SeptemberNotary Public Merle W. ShnellDate Commission Expires 2-23-99 SEP 13 1996

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

Distribution

KGC
KGSSWD/Rep
PlugNGPA
Other
(Specify)

SIDE TWO

Operator Name Texaco E & P Inc.Lease Name M. A. FieldsWell # 4Sec. 9 Twp. 35S Rge. 35☐ EastCounty Stevens☒ 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.)☐ Yes ☒ No☐ Log

Formation (Top), Depth and Datums

☐ Sample

Samples Sent to Geological Survey

☐ Yes ☒ No

Cores Taken

☐ Yes ☒ No

Name

Top

Datum

Electric Log Run
(Submit Copy.)☐ Yes ☒ No

List All E.Logs Run:

CBL indicates Cement @ 5920-6400'

CASING RECORD

☒ New ☐ 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#	1,700'	Prem+	675	3%CC
Production	7-7/8"	5-1/2"	17#	6,696'	Prem	260	0.5% Halad
DV Tool			2nd stage	3,633'			

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	T - 5920	Class H	75	
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone	B - 6400			

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	6,553 - 6,561'	12,000 Gal. Gel & 27,500 lbs.	
4	6,577-6,596'	Sand	
	CIBP@6,503' w/2sk cem. Top @ 6,485'		
4 squeeze	holes @ 6,255' squeezed with	75 sk. Class H cem.@16.4 ppg	

TUBING RECORD	Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	2-7/8"	6439'			

Date of First Resumed Production, SWD or Inj. Production	Producing Method
9-5-96	<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
			501		4			

Disposition of Gas:

METHOD OF COMPLETION

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

☐ Open Hole ☒ Perforation ☐ Dually Completed ☐ Commingled
☐ Other (Specify) _____

Production Interval

6281 - 6305

COPY

M. A. FIELDS #4
API #15 189 21548 0001
Section 9-35S-35W
Stevens County, Kansas

(Formerly Thomas #1
API #15 189 21548
Completed in Chester Sand)

Perforation Record

<u>Shots Per Foot</u>	<u>Footage of Each Interval Perforated</u>	<u>Amount & Kind of Material</u>
4	6,281' - 6,305' (New Perforations)	2,000 Gal. 7-1/2% HCL & 200 Gal. Methanol w/23,685# Sand Frac

RECEIVED
STATE CORPORATION COMMISSION

SEP 12 1996

DEPARTMENT OF REVENUE
STATE OF KANSAS