

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

ORIGINAL

API NO. 15- 135-23,650-00-00

County NessN/2 NE NW Sec. 23 Twp. 17 Rge. 21 X E330 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)Lease Name Ryan Well # 3Field Name UnnamedProducing Formation D & AElevation: Ground 2170 KB 2175Total Depth 4325 PBDTAmount of Surface Pipe Set and Cemented at 262 FeetMultiple Stage Cementing Collar Used? Yes X NoIf yes, show depth set FeetIf Alternate II completion, cement circulated from feet depth to w/ ex cmt.Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit) 01-2-000Chloride content 6000 ppm Fluid volume 140 bblsDewatering method used evaporationLocation of fluid disposal if hauled offsite: Operator Name Lease Name License No. Quarter Sec. Twp. S Rng. E/WCounty Docket No. Operator: License # 6875Name: Marmik Oil CompanyAddress 575 Union Blvd.Suite 205ACity/State/Zip Lakewood, CO 80228Purchaser: D & AOperator Contact Person: Lee ShobePhone (303) 989-2250Contractor: Name: Allen DrillingLicense: 5418Wellsite Geologist: Chris Peters

Designate Type of Completion

X New Well Re-Entry Workover Oil SVD SIOW Temp. Abd. Gas ENHR SIGWX Dry Other (Core, WSV, Expl., Cathodic, etc.)

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

Operator: N/AWell Name: Comp. Date Old Total Depth Deepening Re-perf. Conv. to Inj/SVD Plug Back PBDT Commingled Docket No. Dual Completion Docket No. Other (SVD or Inj?) Docket No. 1/22/921/27/92

Spud Date

Date Reached TD

Completion Date

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 Chris PetersTitle Geologist Date 2/25/92Subscribed and sworn to before me this 25 day of February, 19 92.Notary Public Kay B. RiserDate Commission Expires February 2, 2001

K.C.C. OFFICE USE ONLY

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

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

Operator Name Marmik Oil CompanyLease Name Ryan

Well # _____

Sec. 23 Twp. 17 Rge. 21 ☐ East
☒ WestCounty Ness

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 ☐ NoCores Taken ☐ Yes ☒ NoElectric Log Run ☒ Yes ☐ No
(Submit Copy.)

List All E.Logs Run:

Induction, Neutron-Density

☒ Log Formation (Top), Depth and Datum ☐ Sample

Name	Top	Datum
Anhydrite	1445	+ 730
Heebner	3584	-1409
Lansing	3632	-1457
BKC	3891	-1716
B Sand	4102'	-1927
Miss	4159	-1984

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		8 5/8	20#	262	60/40posmix	160	2%gel, 3%cc

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

TUBING RECORD	Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumed Production, SVD or Inj.				Producing Method	<input type="checkbox"/> Flowing <input 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

Disposition of Gas:

METHOD OF COMPLETION

Production Interval

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

☐ Open Hole ☐ Perf. ☐ Dually Comp. ☐ Commingled
☐ Other (Specify) _____

ORIGINAL

Ryan #3, 23-17S-21W, Ness County, Kansas

DST #1 4083'-4093'
30-30-30-30, Recovered 20' OSM
IFP 31-31#
FFP 31-31#
SIP 41-30#

DST #2 4083'-4108'
15-0-0-0, 140' GIP, Recovered 100' SOCMW, 120' SW
IFP 83-104#
No SIP

DST #3 4117'-4128'
30-30-30-30, Rec. 1' oil, 10' OCM (1% oil)
IFP 20-20#
FFP 20-20#
SIP 458-208#

RECEIVED
FEB 27 1992

COMM. DIV. OF NAT. RES.
STATE OF KANSAS