

3-7-20 W

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

Operator: License # 5131
Name Thunderbird Drilling, Inc.
Address P.O. Box 18407
City/State/Zip Wichita, KS 67218

Purchaser Koch

Operator Contact Person Burke Krueger
Phone (316) 685-1441

Contractor: License # 5131
Name Thunderbird Drilling, Inc.

Wellsite Geologist Mark Thompson
Phone (316) 267-6153

Designate Type of Completion
 New Well Re-Entry Workover
 Oil SWD Temp Abd
 Gas Inj Delayed Comp.
 Dry Other (Core, Water Supply etc.)

If OMWO: old well info as follows:
Operator
Well Name
Comp. Date
Old Total Depth

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable
9/23/85 9/30/85 10-13-85
Spud Date Date Reached TD Completion Date
3671
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 345 feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set 3672' feet
If alternate 2 completion, cement circulated from 0 feet depth to 345' w/ 225 SX cmt
Cement Company Name Allied Cementing
Invoice # 44383

API No. 15-163-22,759
County Rooks
NE NE SW Sec. 3 Twp. 7S Rge. 20W West

2310
2970 Ft North from Southeast Corner of Section
Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

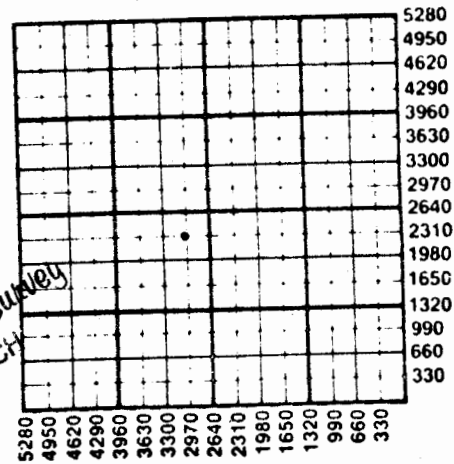
Lease Name ROSS "A" Well # 1

Field Name Probasco

Producing Formation Lansing-Kansas City

Elevation: Ground 2188' 2193' KB

Section Plat



NOV 12 1985
Geological Survey
WICHITA BRANCH

WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal
Docket # Repressuring

Questions on this portion of the ACO-1 call:

Water Resources Board (913) 296-3717

Source of Water:
Division of Water Resources Permit #

Groundwater.....Ft North from Southeast Corner
(Well)Ft West from Southeast Corner of
Sec Twp Rge East West

Surface Water.....Ft North from Southeast Corner
(Stream, pond etc).....Ft West from Southeast Corner
Sec Twp Rge East West

Other (explain) Purchased from Cecil Roy
(purchased from city, R.W.D. #)

METHOD OF COMPLETION

Production Interval

Disposition of gas: Vented Open Hole Perforation
 Sold Other (Specify)
 Used on Lease

3567-3590 OA

all plugged wells. Submit CP-111 form with all temporarily abandoned wells. Submit CP-4 form with

WOC-3-8

SIDE TWO

Operator Name Thunderbird Drilling, Inc. Lease Name Ross "A" Well # 1

Sec. 3 Twp. 7S Rge. 20 East West County Rooks

Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity
	40	none	none		
	Bbls	MCF	Bbls	CFPB	

Drill Stem Tests Taken Yes No
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No

Formation Description
 Log Sample

Description	From	To
Surface Hole	0	345
Shale	345	1270
Sand	1270	1480
Shale	1480	1758
Anhydrite	1758	1793
Shale w/lime strks	1793	2140
Shale	2140	3045
Shale & Lime	3045	3195
Lime & Shale	3195	3340
Lime	3340	3671
R.T.D.	3671	

Name	Top	Bottom
Anhydrite	1760+	437
B/Anhydrite	1794+	401
Topeka	3175-	982
Heebner	3381-	1188
Lansing-KC	3417-	1224
BKC	3620-	1427
Arbuckle	3666-	1473
RTD	3671-	1478
LTD	3675-	1482

DST #1, 3407-3430/30-30-30-30, rec. 20' osm, FP 28-38#, BHP 704-695#
 DST #2, 3438-3475/30-45-60-45, rec. 5' osm + 345' mw, FP 28-174#, BHP 933-915#
 DST #3, 3482-3520/30-45-30-45, rec. 2' mo, 120' mw, FP 28-78#, BHP 455-450#
 DST #4, 3559-3590/30-45-60-45, rec. 300' gip, 280' gd, 120' gmo, FP 48-184#, BHP 532-455#
 DST #5, 3655-3671/30-30-30-30, rec. 40' mw, FP 19-35#, BHP 701-573#

CASING RECORD <input type="checkbox"/> New <input 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#	345'	com	225	2% gel, 3% cc								
Production		4 1/2"	14#	3672'		125									
PERFORATION RECORD Shots Per Foot Specify Footage of Each Interval Perforated				Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth											
2				3567-3590 OA				A 1000 Gal. MA + 38 Ball Sealers				3567-3590 OA			
TUBING RECORD Size <u>2 3/8"</u> Set At <u>3535</u> Packer at _____ Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No															
Date of First Production _____ Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (explain).....															