

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 # 5575
Name Mesa Petroleum Co.
Address P.O. Box 2009
Amarillo, TX 79189
City/State/Zip

Purchaser NA

Operator Contact Person Bill McElya
Phone 806/378-1000

Contractor: License # 6714
Name Tom Brown Drilling, Inc.

Wellsite Geologist
Phone

Designate Type of Completion

- New Well Re-Entry Workover
- Oil SWD Temp Abd
 Gas Inj Delayed Comp.
 Dry Other (Core, Water Supply, State)

If ONNO: old well info as follows:

Operator
Well Name
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:

- Mud Rotary Air Rotary Cable

<u>11-25-82</u>	<u>12-10-82</u>	<u>12-12-82</u>
Spud Date	Date Reached TD	Completion Date
<u>6550'</u>	<u>1150'</u>	
Total Depth	PBTD	

Amount of Surface Pipe Set and Cemented at 650 feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set.....feet
if alternate 2 completion, cement circulated
from.....feet depth to.....w/.....SX cart

SIDE ONE

Amended ACO-1
Ind

API NO. 15-..... 025-20,634

County..... Clark

NE SW SE Sec. 1 Twp. 32 Rge. 22 East West

690
1600 Ft North from Southeast Corner of Section
..... Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

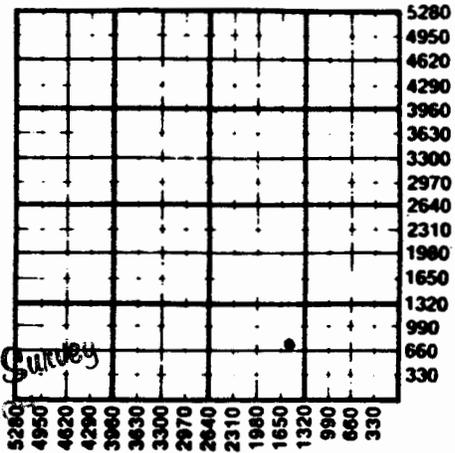
Lease Name..... WAITS Well #..... 1-1

Field Name..... Wildcat

Producing Formation..... NA

Elevation: Ground..... 2132' KB..... 2146'

Section Plat



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WICHITA

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)..... commercial source
(purchased from city, R.W.D. #)

INSTRUCTIONS: This form shall be completed in duplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 90 days after completion or recompletion of any well. Rule 82-3-130 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 drillers time log shall be attached with this form. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

Operator Name **Mesa Petroleum Co.** Lease Name **Waits** Well # **1-1**

Sec. **1** Twp. **32** Rge. **22** East West County **Clark**

WELL LOG

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
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No

See attached

Formation Description
 Log Sample

Name	Top	Bottom
Lecompton	4097'	
Kansas Shale	4173'	
Oread	4294'	
Heebner	4335'	
Lansing	4535'	
Kansas City	4758'	
Stark	4906'	
Hushpuckney	4946'	
Kansas City B	5008'	
Marmaton	5022'	
St. Louis	5406'	
Miss Mkr A	5640'	
Viola	6302'	

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 WICHITA BRANCH

CASING RECORD <input checked="" 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#	650	H	450	3% CaCl ₂
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)		Depth	
NA	NA			NA		NA	
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
NA	Size	Set At	Packer at				
Date of First Production	Producing Method						
NA	<input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (explain).....						

Open: Mesa Petroleum Co.
 1-32-22W
 Waits # 1-1
 NE SW SE

NOTE OF INTEREST: Field results of DST #1 in Viola from 6305' to 6390' (85')

<u>TEST INCREMENTS</u>	<u>BOTTOM CHART PRESSURE READINGS</u>	<u>COMMENTS</u>
IHP (psig)	3187.5	
30" pre-flow		
IFP (psig)	117.7	Blew 10 mins in bucket
FFP (psig)	147.1	
60" ISIP (psig)	2207.2	
30" second flow		
IFP (psig)	147.0	Blew 7 mins in bucket
FFP (psig)	176.5	
60" FSIP (psig)	2177.6	
FHP	3187.5	
Temp (°F)	N/A	

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 WICHITA BRANCH

12/12/82 (17 days) TD 6550', MW 8.9, Vis 49, WL 4.6

- 0600-0900 (3) Finished TOH w/DST #2. Rec 190' stain mud & 90' brine wtr. (Cl⁻ = 64,150 ppm) No oil in sample.
- 0900-1200 (3) LD & loaded out test tools.
- 1200-1600 (4) TIH w/bit.
- 1600-2100 (5) Circ & cond mud.
- 2100-0600 (9) LD DP & DC's. Installed well head flange & cleaned pit. Released rig @ 0600 hrs, 12/12/82.

<u>Test Increments</u>	<u>Pressure-Reading</u>
IHP (psig)	3009.0
30" pre-flow	
IFP (psig)	58.9
FFP (psig)	117.7
60" ISIP (psig)	2266.3
60" Final-flow	
IFP (psig)	117.7
FFP (psig)	205.9
120" FSIP (psig)	2236.7
FHP (psig)	3009.0
Temp (°F)	146

Recovery: 190' drlg mud w/slight oil stain. 90' brine water w/slight oil stain.
 No gas.

Sampler: 0 cfg @ 180 psi, 240 cc's SW, Cl⁻ ion = 64,150 ppm (total liq. re. = 2240 cc's).