SIDE ONE

REVISED

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 # 5260
name Mack Oil Co.
address P. O. Box 400
City/State/Zip Duncan, OK 73534

Operator Contact Person O. D. Mellott
Phone (316) 793-8721

Contractor: license # 5102
name Thomas Drilling Co.

Wellsite Geologist Tim Hanson
Phone (316) 262-2688
PURCHASER Shut-in for market

Designate **Type of Completion**
[X] New Well [ ] Re-Entry [ ] Workover

[ ] Oil [ ] SWD [ ] Temp Abd
[X] Gas [ ] Inj [ ] Delayed Comp.
[ ] Dry [ ] Other (Core, Water Supply etc.)

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

RECEIVED
STATE CORPORATION COMMISSION
JAN 10 1985
CONSERVATION DIVISION
Wichita, Kansas

WELL HISTORY

Drilling Method: [X] Mud Rotary [ ] Air Rotary [ ] Cable

8-13-83 | 8-21-83 | 12-20-83
S Date | Date Reached TD | Completion Date

4791' | 4680'
Total Depth | PBTD

Amount of Surface Pipe Set and Cemented at 260 feet
KC KCC

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 cmt

API NO. 15 - 191-21546

County Sumner

N/2 SW NE (location) Sec 6 Twp 34S Rge 4 [ ] East [X] West

3630 Ft North from Southeast Corner of Section
1980 Ft West from Southeast Corner of Section
(Note: locate well in section plat below)

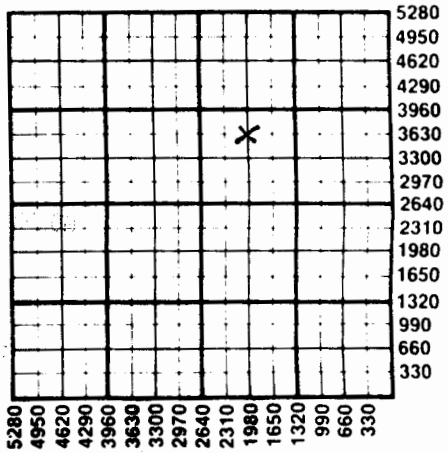
Lease Name Netahla Well# 4

Field Name Gerberding

Producing Formation Mississippi

Elevation: Ground 1253' KB 1255'

Section Plat



WATER SUPPLY INFORMATION

Source of Water:

Division of Water Resources Permit #

[ ] Groundwater Ft North From Southeast Corner and
(Well) Ft. West From Southeast Corner of
Sec Twp Rge [ ] East [ ] West

[ ] Surface Water Ft North From Sourtheast Corner and
(Stream, Pond etc.) Ft West From Southeast Corner
Sec Twp Rge [ ] East [ ] West

[ ] Other (explain)
(purchased from city, R.W.D.#)

Disposition of Produced Water: [ ] Disposal [ ] Repressuring

Docket #

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. Rules 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 temporarily abandoned wells.

JAN

SIDE TWO

Operator Name Mack Oil Co. Lease Name Netahla Well# 4 SEC 6 TWP 34S RGE 4 ☐ East ☒ West

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

Formation Description ☒ Log ☐ Sample

Name	Top	Bottom
Kansas City	3628'	(-2373')
B/Kansas City	3870'	(-2615')
Marmaton	3960'	(-2705')
Cherokee	4101'	(-2846')
Mississippi	4314'	(-3059')
Kinderhook	4655'	(-3400')
Simpson	4734'	(-3479')
RTD	4790'	
LTD	4791'	

TUBING RECORD size 2-3/8" set at 4503' packer at | Liner Run ☐ Yes ☒ No

Date of First Production	Producing method ☒ flowing ☐ pumping ☐ gas lift ☐ Other (explain)				
	Oil	Gas	Water	Gas-Oil Ratio	Gravity
Estimated Production Per 24 Hours	18 Bbls	325 MCF	8 Bbls	CFPB	

Disposition of gas: ☐ vented ☐ sold ☐ used on lease
Shut-in

METHOD OF COMPLETION
☐ open hole ☒ perforation
☐ other (specify)
☐ Dually Completed.
☐ Commingled

PRODUCTION INTERVAL
4350-90'

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"	23#	260'	Class H	150	2% CC
Production		4½"	9.5#	4813'	POZ	100	18% salt, 3/4% CFR2

PERFORATION RECORD		Acid, Fracture, Shot, Cement Squeeze Record	
shots per foot	specify footage of each interval perforated	(amount and kind of material used)	Depth
4	Simpson 4737-39'	25 BLCO w/10 gel Hyflo 4	4737-39'
2	Mississippi 4350-90'	Acidize w/1250 gals 15% NE acid & 100 ball sealers	4350-90'

State Geological Survey
WICHITA BRANCH

6-34-4W

End

TYPE AFFIDAVIT OF COMPLETION FORM ACO-1 WELL HISTORY

SIDE ONE

Compt.____

Two (2) copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within thirty (30) days after the completion of a well, regardless of how the well was completed.

F ____ Attach separate letter of request if the information is to be held confidential. If confidential, only file one copy. Information on Side One will be of public record and Side Two will then be held confidential.

Applications must be made on dual completion, commingling, salt water disposal, injection and temporarily abandoned wells.

C ____ Attach one copy only wireline logs (i.e. electrical log, sonic log, gamma ray neutron log, etc.). (Rules 82-2-105 & 82-2-125) KCC# (316) 263-3238.

LICENSE # 5260 EXPIRATION DATE 6-30-84

OPERATOR Mack Oil Co. API NO. 15-191-21546

ADDRESS Box 400 COUNTY Sumner

Duncan, OK 73533 FIELD Gerberding

** CONTACT PERSON O.D. Mellott PROD. FORMATION None

PHONE (316) 793-8721

PURCHASER None LEASE Netahla

ADDRESS ____ WELL NO. 4

WELL LOCATION N½ SW NE

DRILLING CONTRACTOR Thomas Drilling Co. 1650 Ft. from North Line and

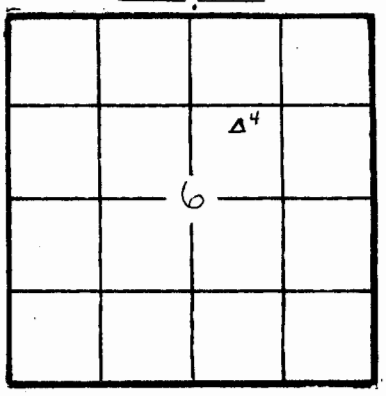
ADDRESS Box 400 1980 Ft. from East Line of

Duncan, OK 73533 the NE (Qtr.) SEC 6 TWP 34 RGE 4 (E) (W).

PLUGGING CONTRACTOR None

ADDRESS ____

WELL PLAT



(Office Use Only)

KCC ____

KGS ✓

SWD/REP ____

PLG. ____

TOTAL DEPTH 4791 PBTD ____

SPUD DATE 8-13-83 DATE COMPLETED WO approval

ELEV: GR 1245 DF 1253 KB 1255

DRILLED WITH (CABLE) (ROTARY) (AIR) TOOLS.

DOCKET NO. OF DISPOSAL OR REPRESSURING WELL BEING USED TO DISPOSE OF WATER FROM THIS LEASE ____.

Amount of surface pipe set and cemented 245' DV Tool Used? No.

THIS AFFIDAVIT APPLIES TO: (Circle ONE) - Oil, Gas, Shut-in Gas, Dry, (Disposal), Injection, Temporarily Abandoned, OWWO. Other____.

ALL REQUIREMENTS OF THE STATUTES, RULES AND REGULATIONS PROMULGATED TO REGULATE THE OIL AND GAS INDUSTRY HAVE BEEN FULLY COMPLIED WITH.

A F F I D A V I T

Tim Hanson, being of lawful age, hereby certifies that:

I am the Affiant, and I am familiar with the contents of the foregoing Affidavit. The statements and allegations contained therein are true and correct.

Tim L Hanson
(Name)

SIDE TWO 34-34W-6

ACO-1 WELL HISTORY

OPERATOR Mack Oil Co. LEASE Netahla #4 SEC. 6 TWP. 34S RGE. 4W

WELL NO. 4

FILL IN WELL INFORMATION AS REQUIRED:

Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
X Check if no Drill Stem Tests Run.				
			Kansas City	3628
			B/KC	3870
Redbed, Shale, Sand		565	Marmaton	3960
Redbed, Shale, Anhydrite	565	1670	Cherokee	4101
Shale, Anhydrite	1670	1975	Mississippi	4314
Shale	1975	2845	Kinderhook	4655
Shale, Sand	2845	3200	Simpson	4734
Shale	3200	4025	LTD	4791
Shale, Lime	4025	4790		
DTD	4790			

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
None	

Date of first production	Producing method (flowing, pumping, gas lift, etc.)	Gravity
None		

Estimated Production -I.P.	Oil	Gas	Water	Gas-oil ratio
	None bbls.	None MCF	% bbls.	CFPB

Disposition of gas (vented, used on lease or sold): None

Perforations 4350-90'

Report of all strings set — surface, intermediate, production, etc. **CASING RECORD** (New) or (Used)

Purpose of string	Size hole drilled	Size casing set (in O.D.)	Weight lbs/ft.	Setting depth	Type cement	Sacks	Type and percent additives
Surface	12¼"	8-5/8	23#	260	Class H	150	2% CC
Production	7-7/8"	4-1/2	9.5	4813	Pozmix	100	18% Salt, 3/4% CFR2

LINER RECORD

Top, ft.	Bottom, ft.	Sacks cement
N/A		

TUBING RECORD

Size	Setting depth	Packer set at
None		

PERFORATION RECORD

Shots per ft.	Size & type	Depth interval
2	Jet	4350-90'