

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 # 5418
Name ALLEN DRILLING COMPANY
Address BOX 1389
City/State/Zip GREAT BEND, KAN. 67530

Purchaser.....

Operator Contact Person John Johnson
Phone 316 793-5681

Contractor: License # 5418
Name ALLEN DRILLING COMPANY

Wellsite Geologist J. C. MUSGROVE
Phone.....

Designate Type of Completion
 New Well Re-Entry Workover

Oil SWD Temp Abd
 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.....

WELL HISTORY

Drilling Method: Rotary
 Mud Rotary Air Rotary Cable

10-13-84 10-20-84 10-20-84
Spud Date Date Reached TD Completion Date

10-13-84 10-20-84
Total Depth PBTD

TD - 4200
Amount of Surface Pipe Set and Cemented at 259 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 cmt

API NO. 15-065-22-077-0000

County GRAHAM

C NW SW NE 33 9 24 East
Sec..... Twp..... Rge..... West

3630 Ft North from Southeast Corner of Section
2310 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

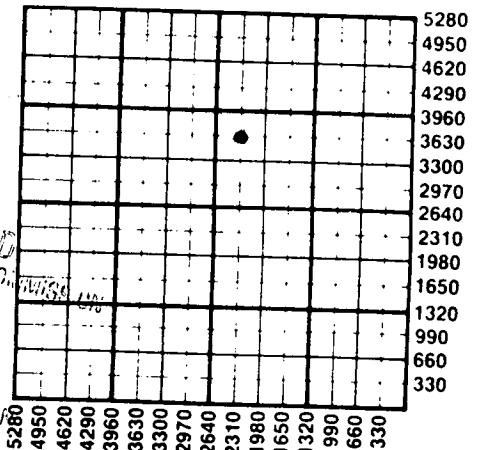
Lease Name KOHART NO. 1 Well #.....

Field Name.....

Producing Formation.....

Elevation: Ground 2495' 2500' KB.....

Section Plat



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STATE CORPORATION COM.
11-13-84
CONSERVATION DIVISION
Wichita, Kansas

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 330 Ft North from Southeast Corner
(Stream, pond etc) 330 Ft West from Southeast Corner
Sec 33 Twp 9 Rge 24 East West
 Other (explain).....
(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.

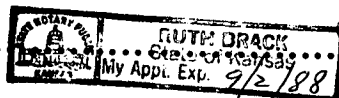
All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature John A. Johnson
Title Vice President of Drilling Date 11-9-84

Subscribed and sworn to before me this 9th day of November 1984

Notary Public Ruth Brack

Date Commission Expires.....



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STATE CORPORATION COMMISSION

FEB 04 1985
2-4-85

CONSERVATION DIVISION
Wichita, Kansas

Form ACO-1 (7-84)

Sec 33 Twp 9 Rge 24

Operator Name **ALLEN DRILLING OCMPCANY** Lease Name **KOHART** Well # **1**

Sec. **33** Twp. **9S** Rge. **24** East West County **GRAHAM**

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

GEOLOGICAL REPORT SHOWING DRILLSTEM INFORMATION AND FORMATION TOPS & DESC. ATTACHED

| 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 CASING | 12-1/4 | 8 & 5/8 | 23# | 259' | 60/40 POZ | 160 | 2% Gel-3%cc |
| PERFORATION RECORD | | | | Acid, Fracture, Shot, Cement Squeeze Record | | | |
| Shots Per Foot | Specify Footage of Each Interval Perforated | | | (Amount and Kind of Material Used) | | Depth | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| TUBING RECORD | | | | Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No | | | |
| Size | Set At | Packer at | | | | | |
| | | | | | | | |
| Date of First Production | 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 | Gas | Water | Gas-Oil Ratio | Gravity | | |
| | Bbls | MCF | Bbls | CFPB | | | |

METHOD OF COMPLETION Production Interval

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

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 # ... 5418
Name Allen Drilling Company
Address Box 1389
..... Great Bend, KS 67530
City/State/Zip

Purchaser.....
.....

Operator Contact Person ..John Johnson.....
Phone ..316-793-5681.....

Contractor: License # ... 5418.....
Name Allen Drilling Company.....

Wellsite Geologist..... J.C. Musgrove.....
Phone.....

Designate Type of Completion

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

If OWWO: old well info as follows:

Operator

Well Name

Comp. DateOld Total Depth.....

WELL HISTORY

Drilling Method:

- Mud Rotary Air Rotary Cable

..10-13-84. ..10-20-84.... ..10-20-84....
Spud Date Date Reached TD Completion Date,

...4200'.....
Total Depth PBSD

Amount of Surface Pipe Set and Cemented at 259 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 cmt

API NO. 15-.....065-22,077.....

County.....Graham.....

.....NW...SW...NE Sec..33 Twp..9...Rge..24. East West

..3630.... Ft North from Southeast Corner of Section
..2310.... Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

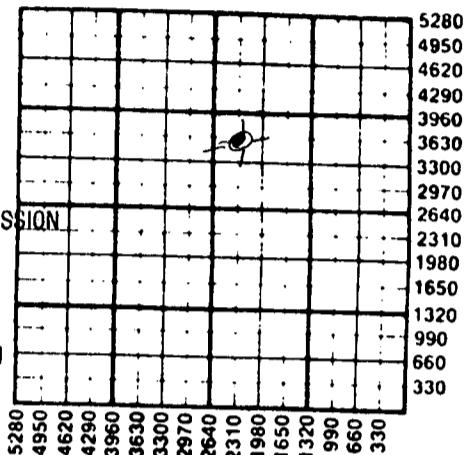
Lease Name..Kohart.....Well #..1.....

Field Name.....

Producing Formation.....

Elevation: Ground.....2495'.....KB...2500'.....

Section Plat



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 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.
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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.

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

Title..... Date

Subscribed and sworn to before me thisday of.....
19.....

Notary Public.....

Date Commission Expires.....

K.C.C. OFFICE USE ONLY

- F Letter of Confidentiality Attached
 - C Wireline Log Received
 - C Drillers Time Log Received
- Distribution
- KCC SWD/Rep NGPA
 - KGS Plug Other
- (Specify)

Sec...Twp...Rge...

Operator Name Allen Drilling Company Lease Name Kohart Well # 1

Sec. 33 Twp. 9 Rge. 24 East West County Graham

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 |
|--|------------------|------|--------|
| Plattsmouth-LS. gray, oolitic, good oolitic porosity, few pieces with strain and slight show of free oil, no odor(98%barren) | Anhydrite | 2137 | |
| Toronto- LS. white to cream, finely crystalline fossiliferous, cherty, chalky, dense, no shows; with: abundant, white, fossiliferous chert. | B/Anhydrite | 2168 | |
| Lansing- LS. white, finely crystalline, chalky, fossiliferous, fair vuggy and fossil-cast porosity, very slight show of free oil and stain, no odor. | Plattsmouth | 3749 | |
| Marmaton- LS. tan and dirty gray, finely crystalline dolomitic, cherty, poor visible porosity, no shows. | Heebner | 3801 | |
| | Toronto | 3823 | |
| | Lansing | 3837 | |
| | Base/Kansas City | 4070 | |
| | Marmaton | 4180 | |
| | R. T. D. | 4200 | |

DST#1-3834-3845-30/30/30/30 1st open misrun, weak blow, died in 15 min. Rec. 5' mud, 5' oil specked water.
 DST#2-3857-3873-45/45/45/45 1st open IFP 34-68, ISIP 284' 2nd open FFP 68-68, FSIP 272'. Weak blow, increasing to 5 in. Rec. 240' muddy water.
 DST#3-3874-3884-45/45/45/45 1st open IFP 56-79, ISIP 227 2nd open FFP 113-125, FSIP 193. Weak blow increasing to fair. Rec. 10' free oil, 210' muddy water.

| 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. | ...8.758.... | ...237..... | ...259..... | 60/40 port | ...160.. | 2% gel...3% LQ |
| | | | | | | | |
| | | | | | | | |

| PERFORATION RECORD | | Acid, Fracture, Shot, Cement Squeeze Record | |
|--------------------|---|---|-------|
| Shots Per Foot | Specify Footage of Each Interval Perforated | (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 Production _____ Producing Method Flowing Pumping Gas Lift Other (explain).....

| Estimated Production Per 24 Hours | Oil | Gas | Water | Gas-Oil Ratio | Gravity |
|-----------------------------------|-------|-------|-------|---------------|---------|
| | Bbls | MCF | Bbls | CFPB | |
| | | | | | |

METHOD OF COMPLETION

Production Interval

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

SIDE TWO

Operator Name Lease Name..... Well #.....

Sec..... Twp..... Rge..... East West County.....

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

CONTINUED

DST#4-3902-3922-45/60/45/60 1st open IFP 79-113, ISIP 488 2nd open FFP 159-170, FSIP 465. Weak blow, increasing to strong in 40 min. Rec. 315' muddy water.
 DST#5-3990-4006-30/30/30/30 1st open IFP 22-22, ISIP 22 2nd open FFP 22-22, FSIP 22. Weak blow died in 10 min. Rec. 2' mud.

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 CONSERVATION DIVISION
 Wichita, Kansas

| 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 |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| PERFORATION RECORD Shots Per Foot Specify Footage of Each Interval Perforated | | | | Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| TUBING RECORD Date of First Production | | Size | Set At | Packer at | Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No | 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 CFPB | Gravity | | |

METHOD OF COMPLETION

Production Interval

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