

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

SIDE ONE

[* AMENDED *]

5

API NO. 15-097-21154-0000

County... KIOWA

SW NE NE Sec. 19 Twp. 29 Rge. 18 East West

4480 Ft North from Southeast Corner of Section
990 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

Lease Name... NICHOLS Well #... 4-19

Field Name... NICHOLS

Producing Formation... IDLA LS KANSAS CITY GROUP

Elevation: Ground... 2275' KB... 2288'

Operator: License # 4519
Name... CHEVRON U.S.A. INC
Address... P.O. Box 12116
City/State/Zip... OKLAHOMA CITY, OK 73120

Purchaser... ANR PIPELINE Co

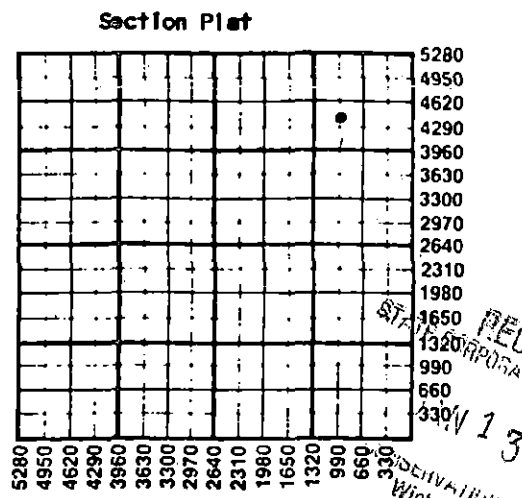
Operator Contact Person... DANIEL L. JORDAN
Phone... 405-949-7000

Contractor: License # 5380
Name... EAGLE DRILLING INC

Wellsite Geologist... R. T. RECTOR
Phone... 405-949-7000

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

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



RECEIVED
CORPORATION COMMISS.
DIVISION
Wichita, Kansas
1-13-88

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable
7-7-85 7-13-85 8-11-85
Spud Date Date Reached TD Completion Date
4800' 4542' *
Total Depth PBDT

Amount of Surface Pipe Set and Cemented at 613 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
Cement Company Name
Invoice #

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 (1-13-88)
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 LANDOWNER (purchased from city, R.W.D. #)

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 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... Daniel L. Jordan
Title... DRILLING REPRESENTATIVE Date... 1-12-88

Subscribed and sworn to before me this 12th day of January, 1988.
Notary Public... [Signature]
Date Commission Expires... APRIL 14, 1990

K.C.C. OFFICE USE ONLY

F Letter of Confidentiality Attached
C Wireline Log Received
C Drillers Timelog Received

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

Sec. 19 Twp. 29 Rge. 18W

Operator Name CHEVRON U.S.A., INC. Lease Name NICHOLS Well # 4-19

Sec. 19 Twp. 29 Rge. 18 East West County KIOWA

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 |
|-----------------------|------|---------------|
| STONE CORAL ANHYDRITE | 1202 | 1218 |
| HEEBNER SHALE | 4147 | 4153 |
| LANSING KANSAS CITY | 4338 | 4753 |
| IOLA LIMESTONE | 4508 | 4525 |
| DENNIS LIMESTONE | 4600 | 4651 |
| MARMATON | 4764 | D/N PENETRATE |

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 | 12 1/4" | 8 3/8" | 24 | 613 | CI "H" | 300 | 16% gel, 3% salt, 2% CaCl ₂ |
| PRODUCTION | 7 7/8" | 5 1/2" | 14, 15.5 | 4799 | CI "H" | 300 | 16% gel, 3% salt, 7% D-13, 1% D-LO |

| Shots Per Foot | Specify Footage of Each Interval Perforated | Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) | Depth |
|----------------|---|--|-----------|
| 4 SPF | 4600-4603 - PB | 500 GAL 15% HCl | 4600-4603 |
| 2 SPF | 4510-4518 PRODUCING | SET CIBP @ 4552', DUMP | |
| | | 1 SX. CMT | |

TUBING RECORD Size 2 3/8" Set At 4450' Packer at 4455' Liner Run Yes No

Date of First Production WOPLC Producing Method Flowing Pumping Gas Lift Other (explain).....

| Estimated Production Per 24 Hours | Oil | Gas | Water | Gas-Oil Ratio | Gravity |
|-----------------------------------|--------|---------|--------|---------------|---------|
| | 0 Bbls | 800 MCF | 0 Bbls | 0 CFPB | .743 |

METHOD OF COMPLETION

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

