

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 # 5293
Name Helmerich & Payne, Inc.
Address P.O. Box 558
City/State/Zip Garden City, KS 67846

Purchaser.....

Operator Contact Person Millard Lindsay
Phone 316-276-3693

Contractor: License # 5665
Name Pioneer Drilling Co.

Wellsite Geologist Ron Nelson
Phone 913-625-3550

Designate Type of Completion

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

If ONWO: old well info as follows:

Operator.....
Well Name.....
Comp. Date.....Old Total Depth.....

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable

..11-21-84.	..11-30-84...	..1-31-85...
Spud Date	Date Reached TD	Completion Date
..3850.....	..3833.....	
Total Depth	PBTD	

Amount of Surface Pipe Set and Cemented at 283 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-.....165 - 22,546.....
County.....Rooks.....
.....NW.. SW.. SW.. Sec. 14.. Twp. 10S.. Rge. 20.. East West

.....990..... Ft North from Southeast Corner of Section
.....4950..... Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

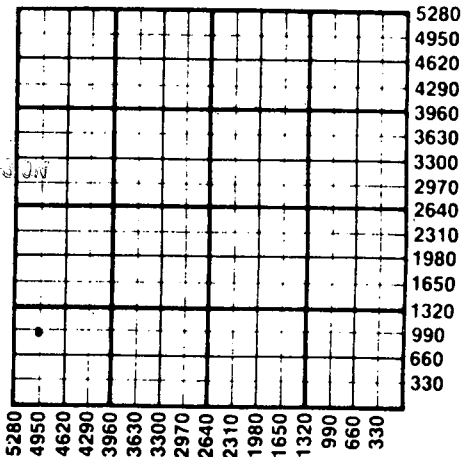
Lease Name Moore..... Well # 5.....

Field Name.....

Producing Formation None - Dry Hole.....

Elevation: Ground.....2223.....KB.....2228.....

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal Repressuring
Docket #

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) Hauled by private contractor.
(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 *Millard A. Lindsay*
Title District Production Manager..... Date ..1-31-85..

Subscribed and sworn to before me this ..31st day of..January.....
19..85.....

Notary Public *Betty J. Lindsey*

Date Commission Expires.....Aug. 6, 1986.....

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 14 Twp 10S Rge 20W

SIDE TWO

Operator Name Helmerich & Payne, Inc. Lease Name..... Moore Well # 5

Sec. 14 Twp. 10S Rge. 20 East West County..... Rooks

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	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	Formation Description <input checked="" type="checkbox"/> Log <input type="checkbox"/> Sample Name Top Bottom
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
Cores Taken	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	

Anhydrite	1660	Conglomerate	3746	3758
Topeka	3256		ØN = 22-28%	
Heebner	3466		Sw = 35%	
Toronto	3486			
Lansing	3503			
BKC	3716	LKC "L"	3706	3710
Conglomerate	3742		ØN = 9%	
DTD	3850		Sw = 16%	
LTD	3847			

DST #1 Conglomerate 3745 - 3758 Misrun.

DST #2 Conglomerate 3712 - 2758
30-60-60-120

IHP - 2113 Recovery:
 IFP - 77 to 96 90' muddy oil
 ISIP - Did not get 30' MCO - 65% oil
 FFP - 96 to 106 60' OCM - 15% oil, 85% mud
 FSIP - 500 29000 Cl-
 FHP - 1969

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	23#	283	Cl A	175	2% gel, 3% CaCl ₂
Production	7 7/8	4 1/2	10.5#	3849	SelfStress	150	
F.O. tool @ 1625'							
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)		Depth	
2	3746 - 3757			1500 gals 15% MSR-100			
2	3746 - 3757			19000 gals foamed 15% gelled acid and 22000# sand.			
2	3706 - 3710			600 gals 15% HCl		3706-3710	
TUBING RECORD Size Set At Packer at				Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No			
None							
Date of First Production		Producing Method					
None		<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	
None		Bbls	MCF	Bbls	CFPB		

METHOD OF COMPLETION Production Interval

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

Used on Lease Dually Completed None.....
 None Commingled Dry Hole.....