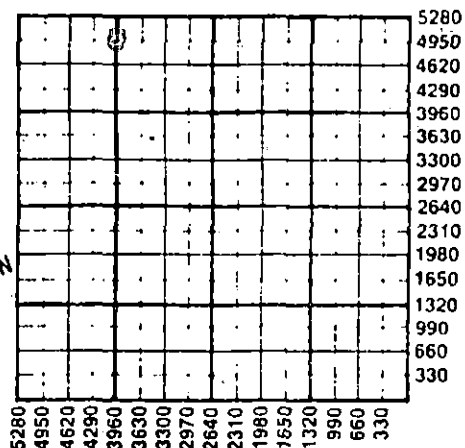


STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION OR RECOMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

Operator: License # 3744
Name JMA Resources Inc.
Address 5400 NW Grand Blvd
Suite 305
City/State/Zip Oklahoma City, OK 73112
Purchaser Oklahoma Gas Pipeline Company
Hadson Fuels Inc.
Operator Contact Person Jeffrey McDougall
Phone 405-947-4322
Contractor: License # 07345
Name Triad Drilling Company
Wellsite Geologist Tom Castelli
Phone 405-947-4322

API NO. 15-175-21033-00-00
County Seward County
N/2 N/2 NW/4 Sec. 31 Twp. 34 Rge. 34 East
X West
4950 Ft North from Southeast Corner of Section
4000 3160 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)
Lease Name Owen Well # 1-31
Field Name Wide Awake
Producing Formation Chester Line
Elevation: Ground 2952' KB 2966'

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 #
X Groundwater 660' Ft North from Southeast Corner
(Well) 4620' Ft West from Southeast Corner of
Sec 30 Twp 34 Rge 34 East X 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. #)

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 Old: old well Info as follows:
Operator
Well Name
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:
X Mud Rotary Air Rotary Cable
5/29/88 6/9/88 7/17/88
Spud Date Date Reached TD Completion Date
6602 6429
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 1610 feet
Multiple Stage Cementing Collar Used? Yes X No
If yes, show depth set feet
if alternate 2 completion, cement circulated
from feet depth to w/ SX cmt
Cement Company Name Dowell/Illysis, KN
Invoice # 03-12-0836M

RECEIVED
STATE CORPORATION COMMISSION
AUG 10 1988
CONSERVATION DIVISION
Wichita, Kansas

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 Tom Castelli
Title Geologist Date 8/8/88

Subscribed and sworn to before me this 9th day of August 1988
Notary Public Anna Lutter
Date Commission Expires July 13, 1990

K.C.C. OFFICE USE ONLY
E Letter of Confidentiality Attached
C Wireline Log Received
C Drillers Timelog Received
Distribution
X KCC SWD/Rep NGPA
X KGS Plug Other
(Specify)
8-10-88

Sec. 31, Twp. 34 Rge. 34 W

SIDE TWO

Operator Name JMA Resources Inc. Lease Name Owen Well # 1-31

RELEASED

Sec. 31 Twp. 34 Rge. 34 County Seward County **MAR 05 1990**

East
 West

WELL LOG

FROM CONFIDENTIAL

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
Chase	2710	2950
Council Grove	3015	4060
Hebner Shale	4250	4330
Toronto	4350	4550
Marmaton	4550	5500
Morrow	5863	6215
Chester	6215	6520
St. Gen.	6520	TD

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
Conductor	20"	16"		40'	Grout-Cement to surface		
Surface	12 1/4"	8 5/8"	24#	1610'	Class H	750 sx	2% cc + 1/4# Cello
Production	7 7/8"	4 1/2"	10.5#	6599'	Class A	150 sx	none
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)			
Shots Per Foot	Specify Footage of Each Interval Perforated					Depth	
2	6472'-6483'			1000 Gal Diesel		6472-6483	
				FRAC 13,000 Gal Diesel x 20,000#		sd 6472-6483	
2	6258'-6274'			1500 15% Acid		6258-6274	
				FRAC 10,000 Gal KCL Padx x 10,000		6258-6274	
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Date of First Production		Producing Method					
SIWOPL		<input checked="" 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	
3 Bbls		1,441 MCF	0 Bbls	480,000 CFPB	.652		

METHOD OF COMPLETION Production Interval

Disposition of gas: Vented Open Hole Perforation Sold Other (Specify) 6258'-6274'
 Used on Lease Dually Completed
 Commingled