

SIDE ONE

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

Operator: License # 30448

Name: J.N. Petroleum Company

Address 100 "E" Street S.W. Ste. 201

City/State/Zip Ardmore, OK 73401

Purchaser: Peoples Natural Gas

Operator Contact Person: S. Neil Sisson

Phone (405) 223-0936

Contractor: Name: Lobo Drilling Company

License: 5864

Wellsite Geologist: Steve Miller

Designate Type of Completion

New Well  Re-Entry  Workover

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

If **OWMO**: old well info as follows:

Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_

Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_

Drilling Method:

Mud Rotary  Air Rotary  Cable

March 9, 1991 March 20, 1991 May 7, 1991

Spud Date Date Reached TD Completion Date

API NO. 15- 095-21,644 0000

County Kingman

50' N of \_\_\_\_\_ East

SE NW SE Sec. 23 Twp. 29S Rge. 7  West

1700 Ft. North from Southeast Corner of Section

1650 Ft. West from Southeast Corner of Section

(NOTE: Locate well in section plat below.)

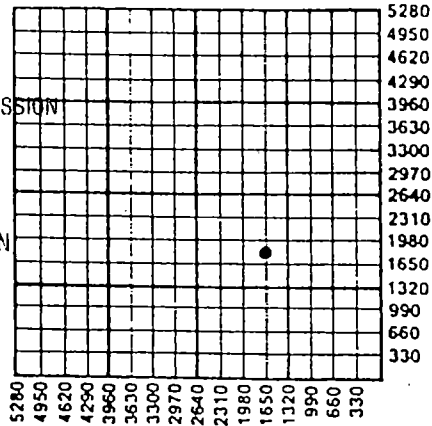
Lease Name Matlack Well # 3-23

Field Name Spivey-Grabs-Basil

Producing Formation Mississippian Limestone

Elevation: Ground 1549 KB 1558

Total Depth 4570 PBDT 4262



*AIT*

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05-21-91

CONSERVATION DIVISION  
Wichita, Kansas

Amount of Surface Pipe Set and Cemented at 268 Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from None

feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

**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. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells. Any recompletion, workover or conversion of a well requires filing of ACO-2 within 120 days from commencement date of such work.

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 [Signature]

Title President Date 5-20-91

Subscribed and sworn to before me this 20th day of May, 19 91.

Notary Public Louise M. Clabaugh

Date Commission Expires April 4, 1993

**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)

SIDE TWO

Operator Name J.N. Petroleum Company Lease Name Matlack Well # 3-23  
 Sec. 23 Twp. 29S Rge. 7  East  West  
 County Kingman

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  
 (Attach Additional Sheets.)  
 Samples Sent to Geological Survey  Yes  No  
 Cores Taken  Yes  No  
 Electric Log Run  Yes  No  
 (Submit Copy.)  
 \* See attached sheet.

Name	Formation Description	
	Top	Bottom
Ft. Riley	1454	1644
Cottonwood	1838	1850
Indian Cave	2122	2150
Howard	2572	2650
Topeka	2706	2928
Heebner	3050	3106
Douglas SS	3148	3302
Lansing	3318	3494
Mississippi	4134	4400

**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"	8-5/8"	20 & 23#	268'	Common	170	3% cc.
Production	7-7/8"	5-1/2"	15.5#	4323'	Ash mix	200	500 gal mud
					Class "A"	75	500 gal mud

Flush caustic water

Shots Per Foot	PERFORATION RECORD Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
1	4136-4150	75g 15% MSA, 75g 15% DSFE *	
2	4162-4175	75g 15% MSA, 750g 15% DSFE*	
3	4189-4198	75g 15% MSA, 1000g 15% DSFE	
4	4202-4218	75g 15% MSA, 1000g 15% DSFE	
		*Frac w/635 bbls My-T-Frac	
		w/18,000#	
		20/40 & 16,000# 12/20 sand	

**TUBING RECORD** Size 2 3/8" Set At 4210 Packer At n/a  
 Liner Run  Yes  No

Date of First Production 5-9-91 Producing Method  Flowing  Pumping  Gas Lift  Other (Explain)  
 Estimated Production Per 24 Hours Oil 4 Bbls. Gas 297 Mcf Water 30 Bbls. Gas-Oil Ratio \_\_\_\_\_ Gravity \_\_\_\_\_

Disposition of Gas:  Vented  Sold  Used on Lease (If vented, submit ACO-18.)  
 METHOD OF COMPLETION:  Open Hole  Perforation  Dually Completed  Commingled  
 Other (Specify) \_\_\_\_\_

ORIGINAL

DST #1 MISSISSIPPI LIME (4140 - 4168')

IHP 2046 PSIG  
IFP 39 - 48 PSIG 30 MIN GTS IN 17 MIN @ 55.2 MCF  
ISIP 297 PSIG 45 MIN  
FFP 66 - 79 PSIG 60 MIN STABILIZED PRESSURE  
FSIP 306 PSIG 90 MIN  
FHP 1924 PSIG  
RECOVERED: 150' FILTRATE CUT MUD.  
BHT = 131°F

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Wichita, Kansas

DST #2 MISSISSIPPI LIME (4187 - 4234')

IHP 1942 PSIG  
IFP 31 - 36 PSIG 30 MIN WAB. NGTS.  
ISIP 51 PSIG 45 MIN  
FFP 50 - 50 PSIG 60 MIN DEAD. NGTS. STABILIZED PRESS.  
FSIP 57 PSIG 90 MIN  
FHP 1928 PSIG  
RECOVERED: 60' THICK DRILLING MUD.  
BHT = 112°F  
NOTE: TOOL MAY HAVE BEEN PLUGGED DURING FINAL FLOW.