

15815a

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

Form ACO-1

September 1999

Form Must Be Typed

AUG 22 2002

COPY

Operator: License # 3080
Name: Jack Exploration, Inc.
Address: P.O. Box 1279
City/State/Zip: Sulphur, OK 73086
Purchaser: Western Gas Resources
Operator Contact Person: James R. Jack
Phone: (580) 622-2310
Contractor: Name: Duke Drilling Co., Inc.
License: 5929
Vellsite Geologist: Mike Pollok

Designate Type of Completion:

☒ New Well ☐ Re-Entry ☐ Workover
☐ Oil ☐ SWD ☐ SIOW ☐ Temp. Abd.
☒ Gas ☐ ENHR ☐ SIGW
☐ Dry ☐ Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-entry: Old Well Info as follows:

Operator: _____
Well Name: _____
Original Comp. Date: _____ Original Total Depth: _____
☐ Deepening ☐ Re-perf. ☐ Conv. to Enhr./SWD
☐ Plug Back ☐ Plug Back Total Depth
☐ Commingled ☐ Docket No. _____
☐ Dual Completion ☐ Docket No. _____
☐ Other (SWD or Enhr.?) ☐ Docket No. _____

06/10/02 06/17/02 07/03/02
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 007-22693-00-00
County: Barber Co., KS
SE. NV. NV Sec. 4 Twp. 35 S. R. 14 ☐ East ☒ West
1160 feet from S / (N) (circle one) Line of Section
1170 feet from E / (W) (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Benson Well #: 1-4
Field Name: Aetna Gas Area
Producing Formation: Mississippian
Elevation: Ground: 1545' 1533 Kelly Bushing: 1526' 1544
Total Depth: 5000' Plug Back Total Depth: 4981'
Amount of Surface Pipe Set and Cemented at 253 Feet
Multiple Stage Cementing Collar Used? ☐ Yes ☒ No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from _____
feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan Doc 1 BH 8-26-02
(Data must be collected from the Reserve Pit)
Chloride content 30000 ppm Fluid volume 500 bbls
Dewatering method used Dewatering & backfill
Location of fluid disposal if hauled offsite: _____
Operator Name: Oil Producers Co. #8061
Lease Name: May License No.: 13-3
Quarter C NW Sec. 13 Twp. 35 S. R. 16W ☐ East ☐ West
County: Comanche, OK Docket No.: D27726

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of 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 geologist well report 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.

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: James R. Jack
Title: President Date: 8-5-02
Subscribed and sworn to before me this 5th day of August,
2002.
Notary Public: Kelly Aaron
Date Commission Expires: March 12, 2006

KCC Office Use ONLY

☒ Letter of Confidentiality Attached
If Denied, Yes ☐ Date: _____
☒ Wireline Log Received
☒ Geologist Report Received
☐ UIC Distribution

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Side Two

Operator Name: Jack Exploration, Inc. Lease Name: Benson Well #: 1-4
 Sec. 4 Twp. 35 S. R. 14 ☐ East ☒ West County: Barber Co., KS

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval test, time to open and close flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

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)

List All E. Logs Run:

Dual Induction, Microlog, Compensated Density/Neutron
 PE Log

☐ Log Formation (Top), Depth and Datum ☐ Sample
 Name Top Datum

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
Conductor		20"		58'			
Surface	12 1/4"	8 5/8"	24#	253'	Class A	200	3% CC
Production	7 7/8"	4 1/2"	10.5#	4999'			

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
___ Perforate				
___ Protect Casing				
___ Plug Back TD				
___ Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
2 / ft	4874-4884	5,000 15% HCL	
2 / ft	4830-4850	62,000# Sd	

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2 3/8"	4815	4815	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr.	Producing Method <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 Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio Gravity
		1,458,000	0	

Disposition of Gas

METHOD OF COMPLETION

Production Interval

☐ Vented ☒ Solid ☐ Used on Lease
 (If vented, Sumit ACO-18.)

☐ Open Hole ☒ Perf. ☐ Dually Comp. ☐ Commingled
☐ Other (Specify) _____