

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

Operators License # 6528

Name: RJ Patrick Operating Company

Address P.O. Box 1157

City/State/Zip Liberal, KS 67905-1157

Purchaser: None/Pending

Operator Contact Person: RJ Patrick

Phone (316) 624-8483

Contractor: Name: Duke Drilling Co., Inc.

License: 5929

Wellsite Geologist: Marvin Harvey

Designate Type of Completion

New Well  Re-Entry  Workover

Oil SWD SLOW Temp. Abd.  
 Gas ENHR SIGW  
 Dry Other (Core, WSW, Expl., Cathodic, etc)

If Workovers:

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

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

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

Deepening \_\_\_\_\_ Re-perf. \_\_\_\_\_ Conv. to Inj/SWD  
Plug Back \_\_\_\_\_ PBD  
Commingled \_\_\_\_\_ Docket No. \_\_\_\_\_  
Dual Completion \_\_\_\_\_ Docket No. \_\_\_\_\_  
Other (SWD or Inj?) Docket No. \_\_\_\_\_

09-10-99      09-23-99      10-05-99

Spud Date      Date Reached TD      Completion Date

STATE OF KANSAS  
NOTARY PUBLIC  
My Appt. Expires: 4-4-2000

API NO. 15-033-21027 0000

County Comanche County, Kansas

SE/4 SW/4 NE/4 sec. 4 Twp. 32 Rge. 19 E XXV

2310 Feet from S/N (circle one) Line of Section

1650 Feet from E/W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:

NE, SE, NW or SW (circle one)

Lease Name Inez Bean Well # 1-4

Field Name Wildcat

Producing Formation Mississian

Elevation: Ground 2115' KB 2123'

Total Depth 5370' PBD 5359

Amount of Surface Pipe Set and Cemented at 682 Feet

Multiple Stage Cementing Collar Used? Yes  No

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

If Alternate II completion, cement circulated from 682

feet depth to 1" from 145 w/ 425 ex cmt.

Drilling Fluid Management Plan AH 11-10-99 UC  
(Data must be collected from the Reserve Pit)

Chloride content 7000 ppm Fluid volume 630 bbls

Deewatering method used settled water & hauled

Location of fluid disposal if hauled offsite:

Operator Name KBW Oil & Gas

Lease Name Harmon SWD License No. 5993

NW Quarter Sec. 11 Twp. 33S S Rng. 20W E/W

County Comanche Docket No. 22304

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 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 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 RJ Patrick Date 10/26/99

Title Owner

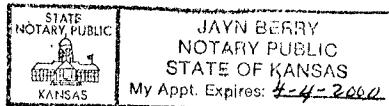
Subscribed and sworn to before me this 26 day of October, 19 99.

Notary Public

Jayn Berry Date Commission Expires 04/04/2000

K.C.C. OFFICE USE ONLY	
F <input checked="" type="checkbox"/> Letter of Confidentiality Attached	
C <input checked="" type="checkbox"/> Wireline Log Received	
C <input checked="" type="checkbox"/> Geologist Report Received	
Distribution	
<input checked="" type="checkbox"/> KCC	<input type="checkbox"/> SWD/Rep
<input type="checkbox"/> KGS	<input type="checkbox"/> Plug
<input checked="" type="checkbox"/> NGPA	
<input checked="" type="checkbox"/> Other (Specify) <u>IB</u>	

Form ACO-1 (7-91)



AMERICAN

Operator Name RJ Patrick Operating CompanyLease Name Inez Bean Well # 1-4

280883

Sec. 4 Twp. 32 Rge. 19  East  WestCounty Comanche County, Kansas

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  
(Attach Additional Sheets.) Yes  No

Samples Sent to Geological Survey

 Yes  No

Cores Taken

 Yes  NoElectric Log Run  
(Submit Copy.) Yes  No

List All E.Logs Run: Dual Induction-Dual Compensated Sonic and  
Porosity -Micro-Compensated Sonic and  
Geological Log.

Log **Formation (Top), Depth and Datums**  Sample

Name	Top	Datum
Heebner Shale	4364	-2234
Toronto	4372	-2242
Lansing	4565	-2435
Marmaton	5026	-2896
Pawnee	5110	-2980
Ft. Scott	5142	-3012
Cherokee Shale	5153	-3023
Mississippi	5232	-3102

## 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	17-1/2"	13-3/8"	54#	285'	Lite Common	100	3%cc
Surface	12-1/4"	8-5/8"	24#	685'	65/35 Poz Class A	225	3%cc 2%gel
Production	7-7/8"	4-1/2"	10.5#	5370'	50/50 Poz	310	18%salt

## 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)
2	5314 to 5320 -5290 to 94+5240 to 46	1500 gals MCA
2	5122 to 26	1000 gals MCA
4	4871 to 72	250 gals MCA
4	4595 to 99	500 gals MCA

TUBING RECORD	Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	2 3/8	5270	5228 & 5270		

Date of First, Resumed Production, SWD or Inj.	Producing Method	<input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)
10/27/99		

Estimated Production Per 24 Hours	Oil 0	Bbls. 1219	Gas Mcf 0	Water 0	Bbls. 0	Gas-Oil Ratio 604	Gravity/GAS

Disposition of Gas: METHOD OF COMPLETION

Production Interval

Vented  Sold  Used on Lease  
(If vented, submit ACO-18.)  Open Hole  Perf.  Dually Comp.  Commingled  
 Other (Specify) \_\_\_\_\_

15-033-21027

ORIGINAL

R. J. PATRICK OPERATING COMPANY

MAILING ADDRESS P.O. BOX 1157  
326 NORTH LINCOLN  
LIBERAL, KANSAS 67905-1157

316-624-8483

October 6, 1999

COMPLETION REPORT

RECEIVED  
KANSAS CORP COMM

1999 OCT 29 A 11:48

Computer inventoried

RE: Inez Bean 1-4  
NE/4 Section 4-32S-19W  
Comanche County, Kansas

09/27/99 Moved in Completion Rig and rigged up.

09/28/99 Rigged up Unit. Rigged up loggers and ran Cement Bond Log. Had good cement bond. Plug back total depth - 5359'. Perforated 5314' to 5320'- 5290' to 5294' - and 5240' to 5246'. Swabbed hole down, had slight show of gas. Shut in overnight.

09/29/99 Shut-in pressure 420#'. Treated w/1500 gals. of 15% MCA Acid. Broke down @ 1500#. Treated @ 800# @ 5 bbls. per minute. Balled off after 750 gals. in formation. Surged balls off perfs and treated w/balance of Acid @ 6 bbls per minute @ 700#'. Swabbed back load. Making approximately 500,000 gas per day and 8 bbls water per hr.

09/30/99 Tripped in hole w/packer and bridge plug. Set packer above lower perfs. Swabbed well and lower zone started flowing. Flowed 10 hrs. and well making approximately 75000 gas per day w/6 bbls. water per hr. Shut in overnight. Perforated Pawnee Zone - 5122' to 5126'-4 feet - 2 holes per ft.

10/01/99 Shut in pressure 120#. Moved Bridge Plug above lower perfs and set Packer above Upper Mississippi perfs. Swabbed well in making approximately 750,000 per day and 3½ bbls water per hr. Shut in overnight.

10/02/99 Shut in pressure 1500#. Moved packer and bridge plug. Set plug above Upper Mississippi Zone. Set packer above Pawnee Zone. Acidized w/1000 gals of MCA Acid. Broke down @ 1000#. Treated @ 3½ bbls per minute @ 1300#. Instant shut down 700# down to 500# in 20 minutes. Swabbed back load. Had slight show of gas and no water. Moved bridge plug above Pawnee Zone. Perforate Swope Zone - 1 ft. -4 holes @ 4871' to 4872'. Tripped in hole with packer. Shut down overnight.

10/03/99 Treated Swope Zone w/250 gal of MCA Acid. Broke down @ 1000#. Treated @ 1½ bbls. per minute @ 1050#. Instant shut down pressure 700#. Bled off to 450# in 20 minutes. Swabbed back load of 47 bbls. No show of gas or oil. Making 3 bbls salt water per hour. Moved bridge plug above Swope Zone. Pull tubing and packer. Perforated Lansing Zone @ 4595' to 4599' - 4 holes per ft. Tripped in hole w/packer. Spotted packer above Lansing perfs. Shut down overnight.

10/04/99 Acidized Lansing perfs w/500 gals of 15% MCA. Broke down @ 1250#. Treated @ 3½ bbls per minute @ 1250#. Instant shut down pressure - 700# down to 450# in 20 minutes. Have 30 bbls load to recover. Swabbed load. Had no show of gas or oil or water. Tripped out of hole w/packer and bridge plug. Tripped in hole w/packer H&F special seating nipple and back pressure valve on bottom of packer. Set for 1600#. Had 2 packer sleeves covering Swope Zone and Lansing Zone. Left well open to tank to flow. Flowing in tank overnight.

10/05/99 Left well open overnight. Ran rods and pump - 2"X1½"X16' pump with sliding sleeve. Ran 120 5/8" rods (plain) and 90 3/4" plain with no subs. 1 - 22'X1½" polish rod w/1-8"X1½" liner. Landed on clamp. Waiting on Pumping Unit. Released Completion Unit, cleaned location and moved off location. Job Complete.

R. J. PATRICK OPERATING COMPANY

MAILING ADDRESS P.O. BOX 1157  
326 NORTH LINCOLN  
LIBERAL, KANSAS 67905-1157

316-624-8483

ORIGINAL

RECEIVED  
KANSAS CORP COM.

ADDITIONAL COMPLETION REPORT

1999 OCT 29 A 11:48

RE: Inez Bean 1-4  
NE/4 Section 4-32S-19W  
Comanche County, Kansas

10/12/99 Move in Completion Unit and rig up.

10/13/99 Pull rods and tubing out of hole. Perforate lower Mississippi 5314' to 5320', 4 holes per ft. Tripped in hole w/packer and acidized perfs w/1000 gals of 15% MCA. Broke down @ 800#'s. Treated @ 3 bbls. per minute @ 800#'s. On instant vacuum @ shut-down. Test for disposal zone would not take fluid on vacuum.

10/14/99 Tripped out of hole w/packer. Tripped in hole w/packer and vent packers for production. Vent Packer set across Pawnee Zone, Swope Zone and Upper Lansing Zone. Tripped in hole w/pump and rods. Acidized Lower Mississippi Zone w/500 gals 15% acid. Released Completion Unit and rig down. Move off location. Started pumping unit. Pumped 16 bbls and pump stuck and quit pumping.

10/21/99 Move Unit to location and rigged up. Pulled rods and pump. Shut-down overnight.

10/22/99 Tripped out of hole w/tubing and packers. Tripped in hole with straddle packers and straddle Upper Mississippi Zone. Swabbed and flowed 103 bbls. Shut well in. Pressure builds to 1000#'s in 4 hours. Opened well to tank overnight.

10/23/99 Flowed 70 bbls load water overnight. Started flow test. Making approximately 390,000 gas and 3½ bbls of load water and formation water per hour, for 6 hours. Flowing on 19/64th choke, 250#'s tubing pressure. Shut well in. Rigged down Work-Over Unit and moved off location.

10/24/99 Shut in tubing pressure - 1575#'s.

10/25/99 Shut in tubing pressure - 1575#'s.