

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

Operator: License # 06528  
Name: R.J.Patrick Operating Company  
Address P O Box 1314 (Mailing Address)  
326 North Lincoln Avenue  
City/State/Zip Liberal, KS 67905-1314

Purchaser: Centana Energy Corporation

Operator Contact Person: R. J. Patrick

Phone (316) 624-8483

Contractor: Name: Zenith Drilling Company, Inc.

License: 5141

Wellsite Geologist: Ralph Reynolds

Designate Type of Completion  
 New Well  Re-Entry  Workover

Oil  SWD  S10W  Temp. Abd.  
 Gas  ENHR  SIGW  
 Dry  Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-Entry: old well info as follows:

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

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

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

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

10/06/93      10/19/93      10/24/93  
Spud Date      Date Reached TD      Completion Date

API NO. 15- 175-21333-0009 ORIGINAL  
County Seward  
NE - NE - SW - \_\_\_\_\_ Sec. 3 Twp. 35 Rge. 33  
2310 Feet from S (circle one) Line of Section  
2310 Feet from E (circle one) Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
NE, SE, NW or S (circle one)  
Lease Name Dowdy Well # 2-3  
Field Name Liberal SE  
Producing Formation Chester  
Elevation: Ground 2824 KB 2835  
Total Depth 6650 PBTB 6626  
Amount of Surface Pipe Set and Cemented at 1590 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 cat.  
Drilling Fluid Management Plan ALT 1 97 12-16-93  
(Data must be collected from the Reserve Pit)  
Chloride content 1200 ppm Fluid volume 2500 bbls  
Dewatering method used Evaporation  
Location of fluid disposal if hauled offsite: \_\_\_\_\_  
Operator Name \_\_\_\_\_  
Lease Name \_\_\_\_\_ License No. \_\_\_\_\_  
\_\_\_\_\_ Quarter Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S Rng. \_\_\_\_\_ E/W  
County \_\_\_\_\_ Docket No. \_\_\_\_\_

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, 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

Title R. J. Patrick: Owner Date 11/04/93

Subscribed and sworn to before me this 4th day of November 19 93.

Notary Public Jayn Berry

Jayn Berry Notary Public  
Date Commission Expires 04/04/96

STATE NOTARY PUBLIC  
JAYN BERRY  
NOTARY PUBLIC  
STATE OF KANSAS  
My Appt. Expires: 4-4-96

K.C.C. OFFICE USE ONLY  
F Letter of Confidentiality Attached  
C  Wireline Log Received  
C  Geologist Report Received  
Distribution  
 XCC \_\_\_\_\_ SWD/Rep \_\_\_\_\_ NGPA  
XGS \_\_\_\_\_ Plug \_\_\_\_\_ Other  
(Specify)

RECEIVED  
11-5-93  
NOV 05 1993  
STATE CORPORATION COMMISSION  
WICHITA, KANSAS

Operator Name R. J. Patrick Lease Name Dowdy Well # 2-3

Sec. 3 Twp. 35 Rge. 33  East  West County Seward

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.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum Herrington 2625 Krider 2654 Heebner 4350 Toronto 4390 Marmaton 5258 Morrow Shale 5846 1st Basal Morrow Sand 6104-10 2nd Basal Morrow Sand 6118-28 Chester Limestone 6136 Chester Porosity 6160-88 Chester Porosity 6220-42
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
List All E.Logs Run:		
Comp. SSD Neutron Log		
Dual Induction Log		
Micro Log		

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
Surface	12 1/4	8 5/8	24	1590	Howco Lite	710	Lite and Class "H"
Production	7 7/8	4 1/2	10.5	6649	Howco Poz Mix	310	18% Salt

ADDITIONAL CEMENTING/SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type		Acid, Fracture, Shot, Cement Squeeze Record	
	Specify Footage of Each Interval Perforated		(Amount and Kind of Material Used)	Depth
2	6606' to 6610' CIBP @ 6575'		500 gal. HCL	6606 to 6610
2	6624' to 6242		2000 gal. HCL	6224 to 6242

TUBING RECORD	Size <u>2 3/8</u>	Set At <u>6166</u>	Packer At <u>6167</u>	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of First, Resumed Production, SWD or Inj. \_\_\_\_\_ Producing Method  Flowing  Pumping  Gas Lift  Other (Explain)

Estimated Production Per 24 Hours	Oil <u>0</u>	Bbls.	Gas <u>1400</u>	Mcf	Water <u>0</u>	Bbls.	Gas-Oil Ratio _____	Gravity _____
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Disposition of Gas:  Vented  Sold  Used on Lease (if vented, submit ACO-18.)

METHOD OF COMPLETION:  Open Hole  Perf.  Dually Comp.  Commingled  Other (Specify) \_\_\_\_\_

Production Interval 6624 to 6242

PHONE  
16 / 624-7340

DEAN'S TESTERS INC.

ORIGINAL

P. O. BOX 1182  
LIBERAL, Ks. 67901

Formation Oswego Type Test Conventional Date October 14, 1993

Anchor Length and Size 42'; 29'X 6"OD-D.C., 13'X 4 1/2"OD-Perf. Total Depth 5557'

Tracker Depths 5510' & 5515' Below Straddle \_\_\_\_\_ Choke Size Bottom 5/8" Surface 1/4"

Equipment Run 2 Packers, Jars, Safty joint, Circ. sub.

Lengths: Tool 77' D.P. 4969' ID 3.8" Wt. P. \_\_\_\_\_ ID \_\_\_\_\_ D.C. 534' ID 2.25"

Mud Type Chemical Vls. 46 Wt. 9.0 Wtr. Loss 8.8 Cl. 1500 ppm

Recorders: Depth 5503' Make Kuster Cap. 6500 Ser. No. 10269 Inside

Depth 5524' Make Kuster Cap. 6800 Ser. No. 10217 Outside

Depth \_\_\_\_\_ Make \_\_\_\_\_ Cap. \_\_\_\_\_ Ser. No. \_\_\_\_\_ Below Straddle

Pressures:

Tool on Bottom @ 8:45 P.M. Initial Hydrostatic 2672 psi

Initial Flow 60 Min. IFFP 32 psi to 32 psi

Initial Shut-In 30 Min. ISIP 80 psi

Final Flow 30 Min. FFP 32 psi to 32 psi

Final Shut-In 30 Min. FSIP 74 psi

Tool off Bottom @ 11:15 P.M. Final Hydrostatic 2662 psi Temp. 123°F.

Blow: Weak increasing to fair on I.F.P., Weak on F.F.P.

Recovery: 60' Mud.

Gas Flow:

Sampler Data:

Pressure \_\_\_\_\_ PSI

Gas \_\_\_\_\_ cu. ft.

Total Fluid \_\_\_\_\_ cc

Oil \_\_\_\_\_ cc

Water \_\_\_\_\_ cc

Mud \_\_\_\_\_ cc

Oil Gravlty \_\_\_\_\_ @ \_\_\_\_\_ °F.

Gas/Oil Ratio \_\_\_\_\_

Remarks:

Tester Butch Young

Witnessed by: R.J. Patrick

SEC. 3  
TWP. 35 S  
RGE. 33 W  
COUNTY Seward  
STATE KANSAS  
TICKET NO. 3577

R.J. Patrick Operating Company  
OPERATOR  
Dowdy #2-3  
WELL NAME & NO.  
APC # 15-175  
TEST # 21333  
5515' - 5557'  
TEST INTERVAL

**JOB LOG FORM 2013 R-4**

CUSTOMER 25 21.2	WELL NO. 2-2	LEASE W. 1/4	JOB TYPE 4 1/2" P 8	TICKET NO. 84720
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CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	22.30							Call out
	22.30							QAI designation of casing
	22.30							See log for details of casing
	23.00							Casing on bit
	23.30							hook up casing, i.e. recording
	24.00							hook up casing, i.e. T.P.
	24.04	6	78.5				500	Start Cement
	24.21						4	Start down, work pump, etc.
	24.25						60	Drop Success Plug
	24.26	7	40				1000	Start water displacement
	24.28	7	115				500	Casing Cement
	24.23	7	110				500	Start cement
	24.47						700	Plug cement
	24.47						1300	Pressure in
	24.48						4	water seal pressure, Start bit
	24.52							J.P. Cement
								Thanks to Bill
								12/14/93
								R. Cook
								C. Cook

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 STATE CORPORATION COMMISSION  
**DEC 16 1993**  
 CONSERVATION DIVISION  
 Wichita, Kansas

**JOB LOG FORM 2013 R-3**

CUSTOMER: *Petrack operating* WELL NO.: *2-3* LEASE: *Douidy* JOB TYPE: *oil* TICKET NO.: *50772*

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0200							called out
	0515							on location
								Rig up
								Safety meeting
								Discuss job with PIT PIT
								Run P. Pe
	0850				✓		250	Circulate with Reg Pump
	0904	6	264		✓		200	START Cement lead
	0932	6	352		✓		200	START Tail cement
	0943							Release Plug
	0945	6	984		✓		500	Displace Plug
	1003	1			✓		1000	Land Plug
	1005							check flock OK
								Circulated 45 BBL cement

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