

COPY

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

API NO. 15- Completed 11-5-54  
County Decatur  
NW - SW - SW - Sec. 35 Twp. 5S Rge. 27W

Operator: License # 6113  
Name: Landmark Energy Exploration, Inc.  
Address 1861 N. Rock Road, Suite 205  
City/State/Zip Wichita, KS 67206

990 Feet from (circle one) Line of Section  
2310-330 Feet from (circle one) Line of Section  
4950-1000 Footages Calculated from Nearest Outside Section Corner:  
NE, SE, NW or SW (circle one)  
Lease Name N.W. Adell Well # 16  
Field Name N.W. Adell Bowman 1-1000

Purchaser:  
Operator Contact Person: Jeffrey R. Wood  
Phone (316) 683-8080  
Contractor: Name: Cheyenne Well Service  
License: 6454

Producing Formation  
Elevation: Ground 2614' KB 2619'  
Total Depth 3868' PBD 3690'

Wellsite Geologist:  
Designate Type of Completion  
 New Well  Re-Entry  Workover

Amount of Surface Pipe Set and Cemented at \_\_\_\_\_ 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.

Oil  SVD\*  SLOW  Temp. Abd.  
 Gas  ENHR  SIGW  
 Dry  Other (Core, VSW, Expl., Cathodic, etc)  
\*D-27,659

Drilling Fluid Management Plan Pre-work, 7-23-99  
(Data must be collected from the Reserve Pit)

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

Operator: Landmark Energy Exploration, Inc.  
Well Name: N.W. Adell #16 WIW  
Comp. Date 11-5-54 Old Total Depth 3868'

Chloride content \_\_\_\_\_ ppm Fluid volume \_\_\_\_\_ bbls  
Dewatering method used \_\_\_\_\_  
Location of fluid disposal if hauled offsite:

Deepening  Re-perf.  Conv. to Inj/SVD  
 Plug Back \_\_\_\_\_ PBD  
 Commingled \_\_\_\_\_ Docket No. \_\_\_\_\_  
 Dual Completion \_\_\_\_\_ Docket No. \_\_\_\_\_  
 Other (SVD or Inj?) \_\_\_\_\_ Docket No. E-15,099

Operator Name \_\_\_\_\_  
Lease Name \_\_\_\_\_ License No. \_\_\_\_\_  
Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S Rng. \_\_\_\_\_ E/W  
County \_\_\_\_\_ Docket No. \_\_\_\_\_

Spud Date \_\_\_\_\_ Date Reached TD \_\_\_\_\_ Completion Date 6-18-99

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 Jeffrey R. Wood  
Title President Date 7-19-99

Subscribed and sworn to before me this 19th day of July, 19 99.

Notary Public Vicci L. Lortz Vicci L. Lortz  
Date Commission Expires 6-12-03

NOTARY PUBLIC - State of Kansas  
VICCI L. LORTZ

K.C.C. OFFICE USE ONLY  
F  Letter of Confidentiality Attached  
C  Wireline Log Received - COPY  
C  Geologist Report Received  
Distribution  
 KCC  SVD/Rep  NGPA  
 KGS  Plug  Other (Specify)

Y9

SIDE TWO

Operator Name Landmark Energy Exploration, Inc. Lease Name N.W. Adell Well # 16

Sec. 35 Twp. 5S Rge. 27

East

West

County Decatur

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

Log Formation (Top), Depth and Datum  Sample

Samples Sent to Geological Survey

Yes  No

Name Top Datum

Cores Taken

Yes  No

Electric Log Run  
(Submit Copy.)

Yes  No

List All E.Logs Run: Sonic CBL

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		8-5/8"		202'		150	
DV Tool				1895'		400	
Production		5-1/2"		3871'		400	

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 Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Dept'
	CIBP @3625'w/2 sxs	Treated w/1550 gals 20% FE acid @3578-	
2 SPF	3578-3595'; 3548-3554'; 3519-3525';	95'; treated remainder of perms	
	3509-3514'; 3468-3486'; 3457-3464';	w/3450 gals 20% FE acid (Total 5000 gal	
	3435-3442'		

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2-3/8"	3407'	3407'	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First, Resumed Production, SWD or Inj.	Producing Method
	<input 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

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

WELL LOG BUREAU—KANSAS GEOLOGICAL SOCIETY  
508 East Murdock, Wichita, Kansas

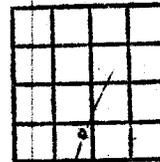
35-5-276

Company- BARNETT DRILLING  
Farm- Bowman No. 1

SEC. 35 T. 5 R. 27W  
NW SW SW

Total Depth. 3870'  
Comm. 10-21-54 Comp. 11-2-54  
Shot or Treated.  
Contractor.  
Issued. 11-20-54

County Decatur  
KANSAS



CASING:  
8 5/8" 202' w/150 sx cen.

Elevation. 2617

Production. Dry

Figures indicate Bottom of Formations.

surface clay	30
Post rovk	50
sand	90
sand-shale	160
blue shale	202
shale	1090
sand	1180
sdv shale	1240
shale	1970
shale-shells	2215
anhydrite	2250
shale-shells	2360
shale	2427
lime	2530
shale-shells	2620
shale	2685
shale-lime	2825
shale-shells	2970
shale	3015
lime	3080
shale	3155
shale-lime	3205
shale	3252
shale-lime	3195
lime	3580
lime-shale	3690
lime	3870
Total Depth	

TOPS: Scout  
Kansas City 3636

BARNETT DRILLING, INC.

LOG OF BOWMAN WELL NO. 1

NW 1/4 SW 1/4 SW 1/4 SECTION 35-5S-27W, DECATUR COUNTY, KANSAS

Commenced: 10-21-54

Completed: 11-2-54

<u>Formation</u>	<u>From</u>	<u>To</u>	<u>Remarks</u>
Surface Clay	0	30	
Post Rock	30	50	
Sand	50	90	
Sand and Shale	90	160	Set 8-5/8" surface pipe at 202
Blue Shale	160	202	feet, cemented with 150 sacks.
Shale	202	1090	
Sand	1090	1180	
Sandy Shale	1180	1240	
Shale	1240	1970	
Shale and Shells	1970	2215	
Anhydrite	2215	2250	
Shale and Shells	2250	2360	
Shale	2360	2427	
Lime	2427	2530	
Shale and Shells	2530	2620	
Shale	2620	2685	
Shale and Lime	2685	2825	
Shale and Shells	2825	2970	
Shale	2970	3015	
Lime	3015	3080	
Shale	3080	3155	
Shale and Lime	3155	3205	
Shale	3205	3252	
Shale and Lime	3252	3495	
Lime	3495	3580	
Lime and Shale	3580	3690	
Lime	3690	3870	
Total Depth		3870	

Dry and Abandoned

**RECEIVED**  
STATE CORPORATION COMMISSION  
NOV - 6 1954  
CONSERVATION DIVISION

CERTIFICATE

I, W. E. Cruce, of Barnett Drilling, Inc., certify that to the best of my knowledge and belief, the above is a true and correct log of the Bowman Well No. 1, located in the NW 1/4 SW 1/4 SW 1/4 of Section 35-5S-27W, Decatur County, Kansas.

*W. E. Cruce*

Subscribed and sworn to before me, in and for the County of Sedgwick, State of Kansas, this 5th day of November, 1954.

*Millard F. Willis*

My commission expires February 27, 1956.

**PLUGGING**  
FILE NO 35-5-27W  
BOOK PAGE 25 LINE 30