

ORIGINAL

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

Operator: License # 31382

Name: Polaris Energy Development Company

Address 5314 S. Yale

Suite 500

City/State/Zip Tulsa, OK 74135

Purchaser: NA

Operator Contact Person: Pat McConn

Phone (918) 492-2648

Contractor: Name: Duke Drilling

License: 5929

Wellsite Geologist: Rick Holcomb/Steve Davis

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: _____

Comp. Date _____ Old Total Depth _____

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

1/10/94 1/15/94 NA

Spud Date Date Reached TD Completion Date

APT NO. 15- 077-21276-00-00

County HARPER

SW - NW - _____ Sec. 34 Twp. 34S Rge. 6

1980 Feet from S/W (circle one) Line of Section

660 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 Wenc1 Well # 1

Field Name Wildcat

Producing Formation NA

Elevation: Ground 1316 KB 1325

Total Depth 4086 PSTD --

Amount of Surface Pipe Set and Cemented at 274 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/ _____ sz cmt.

Drilling Fluid Management Plan D&A JH 9-29-94
(Data must be collected from the Reserve Pit)

Chloride content 7M ppm Fluid volume _____ bbls

Dewatering method used _____

Location of fluid disposal if hauled offsite: _____

Operator Name _____

Lease Name _____ License No. _____

Quarter _____ Sec. _____ Twp. _____ 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 [Signature]

Title Geologist Date 4/25/94

Subscribed and sworn to before me this 21st day of April 19 94.

Notary Public [Signature]

Date Commission Expires 3-14-98

RECEIVED STATE CORPORATION COMMISSION

E.C.C. OFFICE USE ONLY

F Letter of Confidentiality Attached

C Wireline Log Received

C Geologist Report Received

APR 28 1994

4-28-94

Distribution

KCC SWD/Rep

KCS Plug

CONSERVATION DIVISION

Wichita, Kansas

Other (Specify)

Operator Name Polaris Energy Development Co. Lease Name Wnecl Well # 1

Sec. 34 Twp. 34S Rge. 6W
 East
 West

County HARPER

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests given 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 sheets 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.)

List All E.Logs Run:

Compensated Density Neutron
 Dual Induction

Log Formation (Top), Depth and Datum Sample

Name	Top	Datum
B/Heebner	3318	-1993
Toronto	3332	-2007
Haslell	3678	-2353
Tonkawa	3688	-2363
Avant Sh1.	3991	-2666
Kansas City	4010	-2685

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	2 1/2"	8 5/8"	20#	274	60-40 POZ	160	2% gel 3% cl

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)	Depth

TUBING RECORD Size Set At Packer At Liner Run Yes No

Date of First, Resumed Production, SWD or Inj. D&A Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours Oil N/A Bbls. Gas N/A Mcf Water N/A 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



CEMENTING LOG

ORIGINAL
STAGE NO.

Date 1/15/94 District Madison Ticket No. 3659
 Company Polaris Energy Development Rig Winko Rig #5
 Lease Wencl Well No. 1
 County Hayer State KS
 Location 34-245-6W Field Spring 4E 34 S E15

CASING DATA: PTA Squeeze
 Surface Intermediate Production Liner
 Size 8 5/8 Type _____ Weight _____ Collar _____

Casing Depths: Top 0 Bottom 257

Drill Pipe: Size 4 1/2 Weight 16.6 Collars _____
 Open Hole: Size 7 3/8 T.D. _____ ft. P.S. to _____

CAPACITY FACTORS:
 Casing: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Open Holes: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Drill Pipe: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Annulus: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Perforations: From _____ ft. to _____ ft. Amt. _____

CEMENT DATA:
 Spacer Type: 1 pack H₂O
 Amt. _____ Skys Yield _____ ft³/sk Density _____ PPG

LEAD: Pump Time _____ hrs. Type 60' 40' 4" 2" 1"
 Excess _____
 Amt. 150 Skys Yield 140 ft³/sk Density 14.1 PPG

TAIL: Pump Time _____ hrs. Type _____
 Excess _____
 Amt. _____ Skys Yield _____ ft³/sk Density _____ PPG
 WATER: Lead 6.7 gals/sk Tail _____ gals/sk Total 24 Bbls.

Pump Trucks Used 266 Justin Hart
 Bulk Equip. 247 John Kelley

Float Equip: Manufacturer _____
 Shoe: Type _____ Depth _____
 Most: Type _____ Depth _____
 Centralizers: Quantity _____ Plugs Top _____ Btm. _____
 Stage Collars _____
 Special Equip. _____
 Disp. Fluid Type _____ Amt. _____ Bbls. Weight _____
 Mud Type _____ Weight _____

COMPANY REPRESENTATIVE Paul Simms

CEMENTER Mar Hall

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	AM/PM	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	
9:01						On Loc Rig up
9:10		150			5	Pump H ₂ O Ahead
9:17		200			4.72	Mix hit 35sk, 60' 40' 4" D.P. @ 950
9:14		50			2.7	cut mixed Pump H ₂ O behind
9:15		250			8.4	start Mud Displacement
9:17						Displacement complete SHUT DOWN Full P.P.
9:37		150			5	Pump H ₂ O Ahead
9:39		300			5.77	Mix hit 35sk, 60' 40' 4" D.P. @ 700
9:41		50			2.7	Pump H ₂ O behind
9:42		100			5.5	Pump Mud Displacement
9:43						Displacement complete SHUT DOWN Full P.P.
10:01		100			5	Pump H ₂ O Ahead
10:02		150			5.7	Mix hit 35sk, 60' 40' 4" D.P. @ 325
10:05		50			2.5	Pump Displacement
10:06						Displacement complete SHUT DOWN Full P.P.
10:20		150			6	Mix 25sk, cut D.P. @ 60'
10:21						cut circulated to surface SHUT DOWN
10:24						Plug Hat Hole with 10sk, 60' 40' 4"
10:26						Plug Holes etc with 10sk, 60' 40' 4"

RECEIVED
 STATE CORPORATION COMMISSION
 SEP 21 1994
 CONSERVATION DIVISION
 WICHITA, KANSAS

Phone 913-483-2627, Russell, Kansas
Phone 316-993-5861, Great Bend, Kansas

Phone Plainville 913-434-2812
Phone Ness City 913-798-3843

ALLIED CEMENTING CO., INC. 3689

Home Office P. O. Box 31

Russell, Kansas 67665

Wen

Date	1/15/94	Sec.	34	Fwp.	345	Range	GW	Called Out	2:30 PM	On Location	5:30 PM	Job Start	9:00 PM	Finish	10:45 PM
Lease	WENCL	Well No.	1	Location	Spring 4E 3/4 S E/S				County	Harper	State	KS			
Contractor	Duke Drilling #5				Owner				Same						
Type Job	Rotary Plug				To Allied Cementing Co., Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.										
Hole Size	7 7/8		T.D.		4054										
Csg.					Depth										
Tbg. Size					Depth										
Drill Pipe	4 1/2 16.60		Depth		950										
Tool					Depth										
Cement Left in Csg.					Shoe Joint										
Press Max.	300		Minimum		50										
Meas Line					Displace										
Perf.															

EQUIPMENT

No.	Cementer	Helper
Pumptrk 206	Max Hall	Justin Hart
No.	Cementer	Helper
Pumptrk		
No.	Driver	
Bulktrk 242	John Kelley	
No.	Driver	
Bulktrk		

DEPTH of Job

Reference:	950 FT Pump Charge	
	Mi Mileage	
		Sub Total
		Tax
		Total

Remarks: Plug thru Drill Pipe Spot Plug
35 sks @ 950 35 sks @ 700 35 sks @
325 25 sks @ 60 10 sks at Hole
10 sks meas Hole

Charge To: *Polaris Energy Development Co*

Street: _____

City: _____ State: _____

The above was done to satisfaction and supervision of owner agent or contractor.

Purchase Order No. _____

X *[Signature]*

CEMENT

Amount Ordered: *150 sks 60/40 1492-1*

Consisting of

Common	
Poz. Mix	
Gel.	
Chloride	
Quickset	

RECEIVED

JAN 19 1994 Sales Tax

Handling: *1-19-94*

Mileage: *POLARIS ENERGY DEVELOPMENT CO.*

Sub Total _____

Total _____

Floating Equipment
