FORM MUST BE TYPED

CONFIDENTIAL

SIDE ONE

COPY

20226

ORIGINAL

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

API NO. 15- 019-26,416-0000

Operator: License # 8490

Name: Dwight D. Keen

Address #1 Tam-O-Shanter Ct.

City/State/Zip Winfield, KS 67156

Purchaser: Bonanza Energy Corp.

Operator Contact Person: Dwight D. Keen

Phone (316) 221-6267

Contractor: Name: Thornton Drilling Co.

License: 4815

Wellsite Geologist: None

County Chautauqua

NE - NE - SW - SW Sec. 20 Twp. 33 Rge. 12 X E W

1000 Feet from (S)/N (circle one) Line of Section

4420 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 Powers Well # 19

Field Name Peru-Sedan

Producing Formation Mulkey Shale

Elevation: Ground 800 KB

Total Depth 1526 PBTD

Amount of Surface Pipe Set and Cemented at 40 Feet

Multiple Stage Cementing Collar Used? ____ Yes X No

If yes, show depth set ____ Feet

If Alternate II completion, cement circulated from 1524

feet depth to surface w/ 164 sx cmt.

Designate Type of Completion
X New Well ____ Re-Entry ____ Workover

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

RECEIVED
STATE CORPORATION COMMISSION

If Workover:

Operator: DEC 14 1995

Well Name: CONSERVATION DIVISION WICHITA, KS

Comp. Date ____ Old Total Depth ____

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

8-25-95 Spud Date | 8-28-95 Date Reached TD | 11-2-95 Completion Date

Drilling Fluid Management Plan ALT II 3-27-96
(Data must be collected from the Reserve Pit) Drilling flui
field tested by KCC personnel

Chloride content - 0 - ppm Fluid volume 200 bbls

Dewatering method used see pit closure form

Location of fluid disposal if hauled offsite:

RELEASED

Operator Name ____

Lease Name ____ License No. ____

DEC 12

6 1997

Quarter Sec. ____ Twp. ____ Rng. ____ E/W

CONFIDENTIAL

FROM CONFIDENTIAL

County ____ Docket No. ____

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 ____

Title Operator Date 12-11-95

Subscribed and sworn to before me this 11th day of December, 19 95.

Notary Public Mary E. Glynn

Date Commission Expires 7-27-96

MARY E. GLYNN
State of Kansas

K.C.C. OFFICE USE ONLY
F ✓ Letter of Confidentiality Attached
C ✓ Wireline Log Received
C ____ Geologist Report Received

Distribution
✓ KCC ____ SWD/Rep ____ NGPA
✓ KGS ____ Plug ✓ Other (Specify)

Form ACO-1 (7-91)

SIDE TWO

Operator Name Dwight D. Keen Lease Name Powers Well # 19

Sec. 20 Twp. 33 Rge. 12 ☒ East ☐ West County Chautauqua

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 ☒ No

Electric Log Run (Submit Copy.) ☒ Yes ☐ No

List All E.Logs Run: Gamma Ray/Neutron (cased hole)

☒ Log Formation (Top), Depth and Datums ☐ Sample

Name	Top	Datum
Peru	914	(-114)
Weiser	1005	(-205)
Oswego	1188	(-388)
Mulkey Shale	1239	(-439)
T.D.	1526	(-726)

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	11"	8 5/8"	24	40'	Portland	10	3% calcium
Oil String	6 3/4"	4 1/2"	10 1/2	1524'	50/50	164	chloride
					Pozmix		2% gel

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top	Depth 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	1240-1250	10,000# sand + 100 gal 15% HCL acid	1240-1250

TUBING RECORD Size 2 3/8" Set At 1218 Packer At N/A Liner Run ☐ Yes ☒ No

Date of First, Resumed Production, SWD or Inj. 11-2-95 Producing Method ☐ Flowing ☒ Pumping ☐ Gas Lift ☐ Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	-	20	10		

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 1240-1250