

STATE CORPORATION COMMISSION OF KANSAS  
OIL & GAS CONSERVATION DIVISION

WELL COMPLETION OR RECOMPLETION FORM  
ACO-1 WELL HISTORY

DESCRIPTION OF WELL AND LEASE

Operator: License # 4494  
Name Clifford Resources, Inc.  
Address 630 N.E. 63rd Street  
City/State/Zip Oklahoma City, OK 73105

Purchaser N/A

Operator Contact Person Dan Reineke  
Phone 405-840-1418

Contractor: License # 6333  
Name DAMAC Drilling Corp.

Wellsite Geologist  
Phone

Designate Type of Completion  
 New Well  Re-Entry  Workover  
 Oil  SWD  Temp Abd  
 Gas  Inj  Delayed Comp.  
 Dry  Other (Core, Water Supply etc.)

If OWWO: old well info as follows:  
Operator  
Well Name  
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:  
 Mud Rotary  Air Rotary  Cable  
11-22-85 11-28-85 1-16-86  
Spud Date Date Reached TD Completion Date  
3840' 3801'  
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 262 feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set feet  
If alternate 2 completion, cement circulated from feet depth to w/SX cmt

API NO. 15-191-21,894-00-00  
County Sumner  
CE/2 SE SE Sec. 17 Twp. 35 Rge. 4  East  West

660 Ft North from Southeast Corner of Section  
330 Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

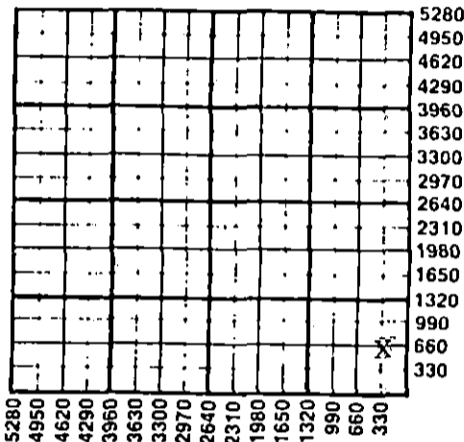
Lease Name Dalrymple Well # 1-A

Field Name N. Medford

Producing Formation Tonkowa

Elevation: Ground 1216 KB 1226

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water:  Disposal  Repressuring  
Docket #

Questions on this portion of the ACO-1 call:  
Water Resources Board (913) 296-3717

Source of Water:  
Division of Water Resources Permit #

Groundwater Ft North from Southeast Corner (Well) Ft West from Southeast Corner of Sec Twp Rge  East  West

Surface Water Ft North from Southeast Corner (Stream, pond etc) Ft West from Southeast Corner Sec Twp Rge  East  West

Other (explain) (purchased from city, R.W.D. #)

INSTRUCTIONS: This form shall be completed in duplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 90 days after completion or recompletion of any well. Rule 82-3-130 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 drillers time log shall be attached with this form. 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 Daniel T. Reineke  
Title Engineer Date 1-23-86

Subscribed and sworn to before me this 23rd day of January 1986  
Notary Public  
Date Commission Expires May 14, 1988

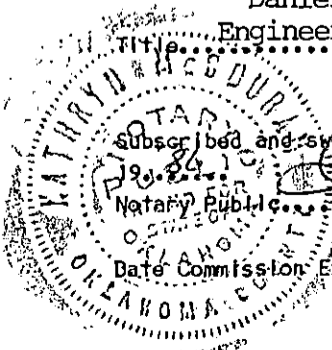
K.C.C. OFFICE USE ONLY  
F  Letter of Confidentiality Attached  
C  Wireline Log Received  
C  Drillers Time Log Received  
Distribution  
 KCC  SWD/Rep  NGPA  
 KGS  Plug  Other (Specify)

RECEIVED STATE CORPORATION COMMISSION Form ACO-1 (7-84)

JAN 24 1986

CONSERVATION DIVISION

1-24-86



Sec. 17 Twp. 35 Rge. 4 W

Operator Name Clifford Resources, Inc. Lease Name Dalrymple Well # 1-A

Sec. 17 Twp. 35S Rge. 4  East  West County Sumner

WELL LOG

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  Yes  No  
 Samples Sent to Geological Survey  Yes  No  
 Cores Taken  Yes  No

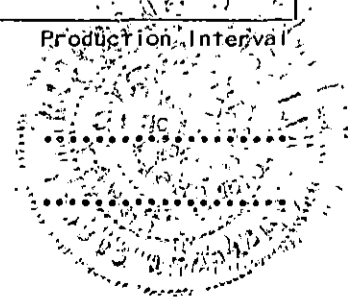
Formation Description  
 Log  Sample

Name	Top	Bottom
Tonkowa	3480'	3740'

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	12-1/2	8-5/8	23#	262	lite & CLH	200	# celoflake 2% CC
Production	7-7/8	5-1/2	15.5#	3840	50-50 po2 & CLH	300	10% salt & 6 ex gilsonite
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)			
Shots Per Foot	Specify Footage of Each Interval Perforated					Depth	
2 SPF	3547' to 3594' & 3610' to 3738'			No Treatment			
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Size 2-7/8		Set At 3500'		Packer at 3484'			
Date of First Production		Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input checked="" type="checkbox"/> Other (explain) <u>Disposal Well</u>					
Estimated Production Per 24 Hours		Oil Bbls	Gas MCF	Water Bbls	Gas-Oil Ratio	Gravity	

METHOD OF COMPLETION

Disposition of gas:  Vented  Open Hole  Perforation  Other (Specify) Disposal Well  
 Sold  Used on Lease  Dually Completed  Commingled



11-23-85 DSS 1. WOC at 263'. SPUD AT 3:30 PM 11-22-85, Survey: 3/4<sup>0</sup> at 263'. Made 263' in 2½ hrs. Bit #1 -12¼" Hughes X3A. Jet retip. WOB all. RPM 140, Bit #2 in at 263'. 7-7/8" Hughes J-22 (serial# KX752) Jets 13x13x12, Pump # 1, liner 5½, Stroke 15, SPM 58, GPM 295, Press. 550#. MW 9.6, Visc 37, Ran 6 jts 8-5/8", 23" casing, Talley 253.47. Set 262' w/100 sx lite, ½ celoflake, 2% calicum chloride, 100 sx Class H, ¼ Celoflake, 2% calicum chloride, plug was down at 11:30 PM. 11-22-85, Cement Circulated.

10 hrs. RU  
2½ hrs. Circ & WOC  
2½ hrs. Straight hole, TOH, RU 8-5/8" casing,  
6½ hrs. WOC  
½ hrs. Conn. DMC \$225  
CMC \$225  
DWC \$  
CWC \$

11-24-85 DSS 2. Drilling at 1455' - made 1192' in shale & lime. Bit #2 7-7/8" Hughes J-22 (Ser # KX752) in at 263' has made 1192' in 18½ hrs. Jets 12X12X13. WOB 35,000, RPM 68, Pump #1 Liner 5½, Stroke 15, Spm 58, GPM 295, Press. 800#. MW 9.2, Visc 28, Cake 1/32, pH 7.5%. Chloride 40,000, solids 4.5, calicum 2280.

3 hrs. WOC  
18½ hrs. drilling.  
2½ hrs. conn & jet DMC \$223  
CMC \$448  
DWC  
CWC

11-25-85 DDS 3. Drilling at 2360' in lime & shale. Bit #2 7-7/8" Hughes J-22 (ser#KX752). Jets 12X12X13. Bit #2 in at 263' made 2097' in 4½ hrs. WOB 35,000, RPM 68. Pump #1, liner 5½, stroke 15, SPM 58,, GPM 295, Press. 800#, MW 9.2, Visc. 28, Coke 1/32, pH 7.5, chlorides 34,000, solids 4.5, calicum 1880.

22 hrs. drilling  
½ hr. check rig.  
1-3/4 hrs. Conn. & jet. DMC \$97  
CMC \$545  
DWC \$  
CWC \$

11-26-85 DSS. 4 Drilling at 3065'. Made 705' in Lime & Shale. Bit #2 7-7/8" HTC J-22 Used (Ser. # KX752) in at 263'. Has made 2802' in 62½ hrs. Jets 12X12X13. WOB 35,000. RPM 68, Pump #1, Liner 5½, Stroke 15, SPM 58, GPM 295, Pressure 800#. MW 9.2, Vis 28, Cake 1/32, pH 7.5 Cl 29,000 Solids 4.5%, Calicum 1740.

21-3/4 hrs Drilling DMC \$ 1093  
1/2 hr RS CMC \$1638  
1-3/4hr Conn & jet.

Dalrymple #1-A (SWD)  
Sec. 17-35S-4W  
Sumner County, Kansas

Operator: CRI  
Proposed TD: 3800'

11-27-85 DSS 5. Drilling at <sup>3805'</sup> 2360' . made 740' in lime and shale. Bit# 2 7-7/8" HTC J-22 Used (Ser.# KX752) in at 263' has made 3542' in 83 hrs. Jets 13 X 13 X 12. WOB 35,000. RPM 68, Pump #1, Liner 5½, Stroke 15, SPM 58, GPM 295, Pressure 800#. MW 9.1, Visc 41, YP 6, PV 11, Gels 3/8, WL 18.0, Cake 1/32, pH 10.0, Chlorides 4800, Solids 2.5, Calicum 120.

20 3/4 hrs. Drilling DMC \$978.  
3/4 hrs. Check Rig CMC \$2616  
2½ hrs. Conn & Jet DWC \$  
CWC \$

11-28-85 Ran 91 jts. 15.5# 5½ csg. (3842.82'). Set at 3840'. Cnt'd w/200 sx 50.50 poz, 2% gel, 10% salt and 6#/sx gilsonite, followed by 100 sx Class H, 10% salt, 6#/sx gilsonite. PD at 8:00 PM 10-27-85. Set slips at 8:15 PM 11-27-85

1-10-86 NU WH & BOP. RU CRC wireline. Perf. 3547' to 3594' & 3610' to 3738' w/4" csg. gun. 2 shots per ft. Total of 356 holes.

DC. \$5100

1-11-86 RU ACS pump by csg. Formation broke at 1900'. Back to 750# at 2.5 BBLS per min. Increase rate to 4 BBLS per min. at 400# & 6 BBLS per min. at 800# & 8 BBLS per min. at 1800#. ISDP 600# in 15 min. Pumped total of 36 BBLS H<sub>2</sub>O.

DC \$900  
CC \$6,000

Dalrymple #1-A  
Sec. 17-35S-4W  
Sumner County, Oklahoma

Operator: CRI  
Proposed TD: 3800'

1-15-86 MIRU Collins Well Serv. Unload & tally 116 jts (3500') 2-7/8" 8rd plastic coated tbg. TIH w/5½ tension pkr w/2-3/8" box & pin & 115 jts 2-7/8" tbg to surface. ND BOP, Set pkr @ 3484' w/8000# tension. NU wellhead. RD Collins.

1-16-86 RU Western Co. & pressure annulus to 550# for 30 min. in presence of representative of KCC. Pkr held. RD Western & SWI.

RECEIVED  
STATE CORPORATION COMMISSION  
JAN 24 1986  
CONSERVATION DIVISION  
Tulsa, Kansas