

17-35-4W P

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
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)

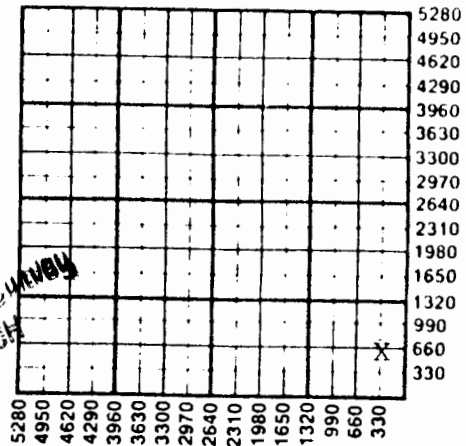
Lease Name Dalrymple Well # 1-A

Field Name N. Medford

Producing Formation Tonkowa

Elevation: Ground 1216 KB 1226

Section Plat



FEB 03 1986

Wichita Branch

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. A copy of all wireline logs and drillers time log shall be attached with this form. Submit CP-4 form with plugged wells. Submit CP-111 form with all temporarily abandoned wells.

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'

METHOD OF COMPLETION

Production Interval

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

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	12-1/2	8-5/8	23#	262	lite & CLH	200	1# celoflake 2% CC
Production	7-7/8	5-1/2	15.5#	3840	50-50 lb 2 & CLH	300	10% salt & 6 ex. gilsonite

PERFORATION RECORD

Acid, Fracture, Shot, Cement Squeeze Record

Shots Per Foot	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used)	Depth
2 SPF	3547' to 3594' & 3610' to 3738'	No Treatment	

TUBING RECORD

Size 2-7/8 Set At 3500' Packer at 3484' Liner Run Yes No

Date of First Production

Producing Method

Flowing Pumping Gas Lift Other (explain) Disposal Well

Operator: Clifford Roscoe
Dalrymple #1-A-1
- C E R S E S E

17-35-84W

Sumner County, Kansas

11-23-85 DSS 1. WOC at 263'. SPUDD AT 3:30 PM 11-22-85, Survey: 3/4⁰ at 263'. Made 263' in 2 1/2 hrs. Bit #1 -12 1/2" 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 5 1/2, 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, 1/2 celoflake, 2% calicum chloride, 100 sx Class H, 1/4 Celoflake, 2% calicum chloride, plug was down at 11:30 PM. 11-22-85, Cement Circulated.

10 hrs. RU
2 1/2 hrs. Circ & WOC
2 1/2 hrs. Straight hole, TOH, RU 8-5/8" casing,
6 1/2 hrs. WOC
1/2 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 18 1/2 hrs. Jets 12X12X13. WOB 35,000, RPM 68, Pump #1 Liner 5 1/2, 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
18 1/2 hrs. drilling.
2 1/2 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 4 1/2 hrs. WOB 35,000, RPM 68. Pump #1, liner 5 1/2, 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
1/2 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 62 1/2 hrs. Jets 12X12X13. WOB 35,000. RPM 68, Pump #1, Liner 5 1/2, 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.

FEB 03 1986

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

Operator: CRI
Proposed TD: 3800'
State Geologist
WICHITA BRANCH

11-27-85 DSS 5. Drilling at ^{3805'} ~~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 5 1/2, 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.

1-10-86 NU WH & BOP. RU CRC wireline. Perf. 3547' to 3594' & 3610' to 3738' w/4" csg.
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 H₂O.

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.

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'. Cmt'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 H₂O.

DC \$900

CC \$6,000

17-35-4W

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WELL LOG

COMPANY Clifford Resources, Inc.

SEC. 17 T. 35S R. 4W

FARM Dalrymple

NO. 1 ✓ 'A'

LOC. 660 FSL 330 FWL
C E/2 SE SE

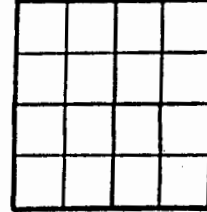
TOTAL DEPTH 3850 RTD

COUNTY Sumner

COMM. 11-22-85

COMP. 11-29-85

CONTRACTOR DaMac Drilling Inc.



CASING 8 5/8 set @ 263'

ELEVATION

PRODUCTION 5 1/2 set @ 3840 RTD

FIGURES INDICATE BOTTOM OF FORMATIONS

RedBed, Shale	0	263
Lime, Shale	263	3850 RTD

DEC 10 1985
State Geological Survey
WICHITA BRANCH

DEC 10 1985