

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

API NO. 15- 065-22762 0000

ORIGINAL

County Graham County Kansas

SE - SE - NE - Sec. 20 Twp. 8S Rge. 25 XX^E

2310 Feet from S^① (circle one) Line of Section

330 Feet from E^①W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
^① NE, SE, NW or SW (circle one)

Lease Name Culley Well # 1

Field Name _____

Producing Formation None

Elevation: Ground 2399 KB 2407

Total Depth 3931' PBDT _____

Amount of Surface Pipe Set and Cemented at 310 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.

Drilling Fluid Management Plan D&A JZ 1-5-96
(Data must be collected from the Reserve Pit)

Chloride content _____ ppm Fluid volume _____ bbls

Dewatering method used _____

Location of fluid disposal if hauled offsite: _____

Operator Name _____

Lease Name _____ License No. _____

Quarter _____ Sec. _____ Twp. _____ S Rng. _____ E/W

County _____ Docket No. _____

Operator: License # 31389

Name: Noble Petroleum Inc.

Address 3101 North Rock Road - Suite 125

City/State/Zip Wichita, Kansas 67226

Purchaser: N/A

Operator Contact Person: Jay Abiah

Phone (316) 636-2222

Contractor: Name: Duke Drilling Co., Inc.

License: 5929

Wellsite Geologist: Gerald Honas

Designate Type of Completion
 New Well Re-Entry Workover

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

If Workover:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

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

12-07-95 12-12-95 12-12-95
Spud Date Date Reached TD Completion Date

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 President Date 12/27/95

Subscribed and sworn to before me this 27th day of December, 19 95.

Notary Public Mari J. Rech

Date Commission Expires 11-16-99

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)
RECEIVED STATE CORPORATION COMMISSION
JAN 07 1996

MARI J. RECH
Notary Public - State of Kansas
My Appt. Expires 11-16-99

CONSERVATION DIVISION
WICHITA, KANSAS
1-2-96

Operator Name Noble Petroleum Inc.

Lease Name Culley Well # 1

Sec. 20 Twp. 8S Rge. 25 East West

County Graham County, Kansas

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
 (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: RADIATION GUARD

Log Formation (Top), Depth and Datum		Sample
Name	Top	Datum
Anhydrite	2119'	
Base Anhydrite	2153'	KCC JK
Heebner	3666'	
Lansing	3708'	
BKC	3928'	
TD	3932'	

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	12-1/4"	8-5/8"	28#	310'	60/40 Poz	180	3%cc 2%gel

ADDITIONAL CEMENTING/SQUEEZE RECORD

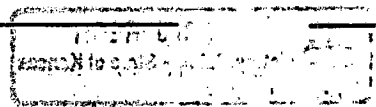
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

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 <input type="checkbox"/> Yes <input type="checkbox"/> No

Date of First, Resumed Production, SWD or Inj.	Producing Method	Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
<u>D&A</u>	<input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)		<u>N/A</u>	<u>N/A</u>	<u>N/A</u>		

Disposition of Gas: **METHOD OF COMPLETION**
 Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled
 (If vented, submit ACD-18.) Other (Specify) _____



15-065-22762-00-00

TRILOBITE TESTING L.L.C.

ORIGINAL

OPERATOR : Noble Petroleum, Inc
WELL NAME: Culley #1
LOCATION : 20-8S-25W, Graham Cty KS
INTERVAL : 3836.00 To 3880.00 ft

DATE 12/12/95

KB 2407.00 ft TICKET NO: 8422 DST #1
GR 2399.00 ft FORMATION: KC "180"
TD 3880.00 ft TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins		Field	1	2	3	4	TIME DATA-----
PF	30	Rec.	11086	11086	6730		PF Fr. 2304 to 2334 hr
SI	30	Range(Psi)	4350.0	4350.0	0.0	0.0	IS Fr. 2334 to 0004 hr
SP	30	Clock(hrs)	AK-1	AK-1	AK-1		SF Fr. 0004 to 0034 hr
FS	30	Depth(ft)	3877.0	3877.0	3841.0	0.0	FS Fr. 0034 to 0104 hr

	Field	1	2	3	4	
A. Init Hydro	1880.0	1880.0	0.0	0.0	0.0	T STARTED 2130 hr
B. First Flow	65.0	57.0	0.0	0.0	0.0	T ON BOTM 2300 hr
Bl. Final Flow	32.0	31.0	0.0	0.0	0.0	T OPEN 2304 hr
C. In Shut-in	469.0	459.0	0.0	0.0	0.0	T PULLED 0104 hr
D. Init Flow	65.0	55.0	0.0	0.0	0.0	T OUT 0245 hr
E. Final Flow	43.0	39.0	0.0	0.0	0.0	
F. Fl Shut-in	163.0	162.0	0.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	1858.0	1857.0	0.0	0.0	0.0	Tool Wt. 0.00 lbs
Inside/Outside	0	0	I			Wt Set On Packer 22000.00 lbs

RECOVERY

Tot Fluid 5.00 ft of 0.00 ft in DC and 5.00 ft in DP
5.00 ft of Oil spotted mud - 1% oil, 99% mud

Unseated Str Wt 50000.00 lbs
Bot Choke 0.75 in
Hole Size 7.88 in
D Col. ID 2.25 in
D. Pipe ID 3.80 in
D.C. Length 0.00 ft
D.P. Length 3831.00 ft

SALINITY 0.00 P.P.M. A.P.I. Gravity 0.00

BLOW DESCRIPTION

Initial Flow -
Weak surface blow, died in 19 min

Initial Shutin -
No blow back

Final Flow -
No blow

Final Shutin -
No blow back

MUD DATA-----

Mud Type Chemical
Weight 9.20 lb
Vis. 47.00 S/
W.L. 9.60 in
F.C. 0.00 in
Mud Drop

Amt. of fill 0.00 ft
Btm. H. Temp. 118.00 F

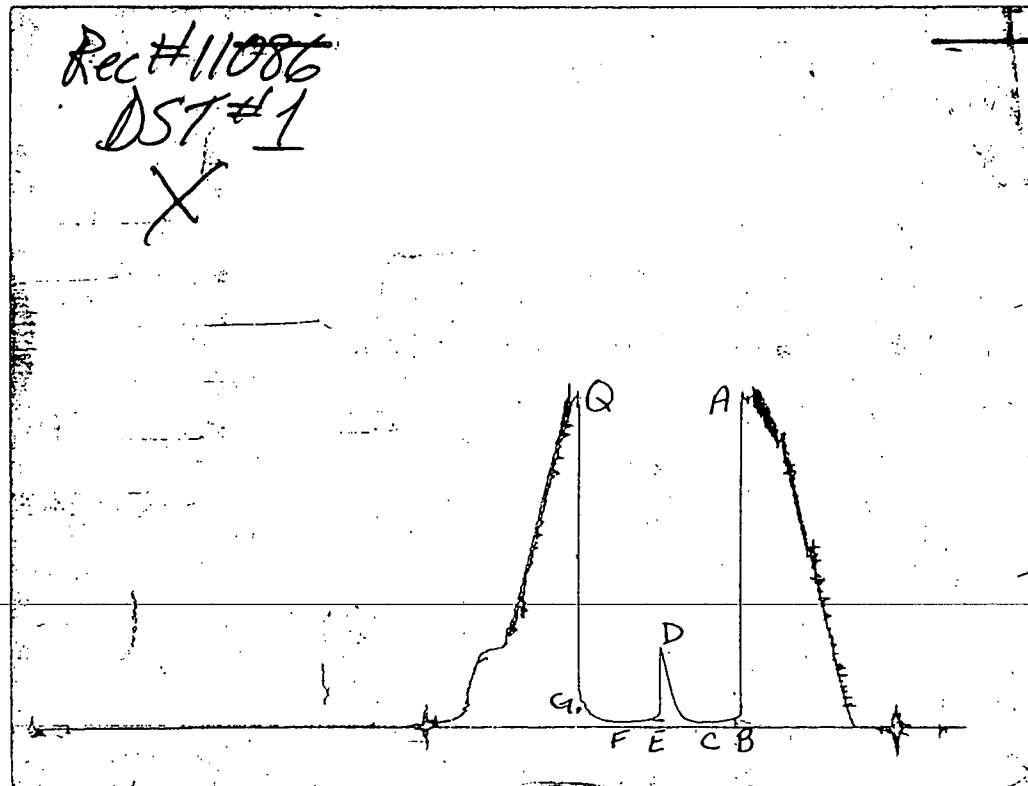
Hole Condition
& Porosity 0.00
Packer Size 6.75 in
No. of Packers 2
Cushion Amt. 0.00
Cushion Type
Reversed Out
Tool Chased

Tester Mike McVey
Co. Rep. Jay Ablah
Contr. Duke
Rig # 1
Unit #
Pump T.

SAMPLES:
SENT TO:

Test Successful: Y

CHART PAGE



This is an actual photograph of recorder chart

15-065-22762-00-00

ORIGINAL

BOX 31
USSELL, KANSAS 67665

SERVICE POINT
Russell

DATE <u>12-7-95</u>	SEC. <u>20</u>	TWP. <u>8</u>	RANGE <u>25</u>	CALLED OUT <u>4:00 pm</u>	ON LOCATION <u>7:00 pm</u>	JOB START	JOB FINISH <u>10:30 am</u>
LEASE <u>Culley</u>	WELL # <u>1</u>	LOCATION <u>1 E 1 S Studley</u>		COUNTY <u>Osage</u>	STATE <u>Ka</u>		

OLD OR NEW (Circle one)

CONTRACTOR Duke Drilling

TYPE OF JOB SURFACE

HOLE SIZE 12 1/4 T.D. 310

CASING SIZE 8 1/2 DEPTH 310

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG.

PERFS

OWNER

CEMENT

AMOUNT ORDERED 180 sk 6440 390cc 2% Gel

COMMON @

POZMIX @

GEL @

CHLORIDE @

HANDLING @

MILEAGE @

EQUIPMENT

PUMP TRUCK CEMENTER B. ILL

177 HELPER Will

BULK TRUCK DRIVER

BULK TRUCK DRIVER Dean

TOTAL

SERVICE

REMARKS:

Run 7' lts of 8 1/2 set c 310

Cement of 180 sk 6440 3-2

pump plug w/ 18 1/4 bbls water

Cement did circulate

DEPTH OF JOB

PUMP TRUCK CHARGE

EXTRA FOOTAGE @

MILEAGE @

PLUG wood @

TOTAL

CHARGE TO: Duke Drilling Co.

STREET

CITY STATE ZIP

FLOAT EQUIPMENT

TOTAL

TAX

TOTAL CHARGE

DISCOUNT IF PAID IN 30 DAYS

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 is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

SIGNATURE Hall Moore