

COPY *and*

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

Operator: License # 31389Name: Noble Petroleum, Inc.Address 3101 N. Rock Rd. - Suite 125City/State/Zip Wichita, Kansas 67220-1300Purchaser: FarmlandOperator Contact Person: Jay AblahPhone (316) 636-2222Contractor: Name: Duke Drilling Co., Inc.License: 5929Wellsite Geologist: Jerry Honas

Designate Type of Completion

☒ New Well ☐ Re-Entry ☐ Workover☒ Oil ☐ SWD ☐ SIOV ☐ Exp. A☐ Gas ☐ EKHR ☐ SIGV ☐ Modif.☐ Dry ☐ Other (Core, WSV, 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 ☐ PBTD☐ Cemented ☐ Docket No. _____☐ Dual Completion ☐ Docket No. _____☐ Other (SWD or Inj?) ☐ Docket No. _____01-30-0002-15-0002-16-00

Spud Date

Date Reached TD

Completion Date

API NO. 15- 191-22343 0000County Sumner County, KansasNE - SE - SW - sec. 14 Twp. 34 Rge. 1 X ^E_W785 Feet from (S) (circle one) Line of Section2414 Feet from (E) (circle one) Line of SectionFootages Calculated from Nearest Outside Section Corner:
NE, SE, NW or (SW) (circle one)Lease Name Burkhardt "B" Well # 1Field Name WildcatProducing Formation SimpsonElevation: Ground 1160' KB 1169'Total Depth 4331' PBTD _____Amount of Surface Pipe Set and Cemented at 262 FeetMultiple Stage Cementing Collar Used? ☐ Yes ☐ No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cat.

Drilling Fluid Management Plan Att. 1, 6-27-00 U.C.
(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 _____

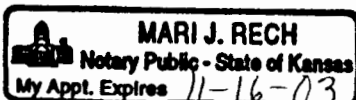
Lease Name _____ License No. _____

Quarter _____ Sec. _____ Twp. _____ S Rge. _____ 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 2 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 President Date 3/9/00Subscribed and sworn to before me this 9th day of March, 2000Notary Public Mari J. RechDate Commission Expires 11/16/03

K.C.C. OFFICE USE ONLY			
F	Letter of Confidentiality Attached		
C	Pipeline Log Received		
C	Geologist Report Received		
Distribution			
☒	KCC	☐	SWD/Rep
☐	KCS	☐	Plug
☐		☒	KCPA
☐			Other (Specify)
IOG			

SIDE TWO

Operator Name Noble Petroleum, Inc.Lease Name Burkhardt "B"Well # 1Sec. 14 Twp. 34 Rge. 1☐ East☒ WestCounty Sumner 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
(Attach Additional Sheets.)☒ Yes ☐ No

Samples Sent to Geological Survey

☒ Yes ☐ No

Cores Taken

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

List All E.Logs Run:

*Dual Induction, Sonic,
Compensated Neutron Density.*

☒ Log

Formation (Top), Depth and Datum

☐ Sample

Name	Top	Datum
Stalnaker	2780	-1611
Layton	3185	-2016
Kansas City	3304	-2135
B/KC	3454	-2285
Marmaton	3544	-2375
Mississippian	3890	-2721
Kinderhook	4208	-3039
Simpson	4276	-3107
Total Depth	4331	-3162

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"	24#	262'	60/40 Poz	200	3%cc 2%gel
Production	7-7/8"	5-1/2"	14#	4327'	EA2	170	10%salt

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top 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
4	4278 - 4283' - 20 Holes		

TUBING RECORD	Size	Set At	Packer At	Liner Run	☐ Yes ☐ No
Date of First, Resumed Production, SWD or Inj.	Producing Method ☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (Explain)				
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Water Bbls.
		38			Gas-Oil Ratio
					Gravity

Disposition of Gas:

METHOD OF COMPLETION

Production Interval

☐ Vented ☐ Sold ☐ Used on Lease
(If vented, submit ACO-18.)

☐ Open Hole ☐ Perf. ☐ Dually Comp. ☐ Commingled
☐ Other (Specify) _____

TRILOBITE TESTING L.L.C.

OPERATOR : Noble Petroleum, Inc.

DATE 02/10/200

WELL NAME: Burkhart

KB 1169.00 ft

TICKET NO: 12081 DST #1

LOCATION : 14-34s-1w Sumner co KS

GR 1159.00 ft

FORMATION: Mississippi

INTERVAL : 3914.00 To 3948.00 ft

TD 3948.00 ft

TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 45 Rec.	13849	13849	2350			PF Fr. 1900 to 1945 hr
SI 60 Range(Psi)	4375.0	4375.0	4995.0	0.0	0.0	IS Fr. 1945 to 2045 hr
SF 45 Clock(hrs)	12hr.	12hr.	elec.			SF Fr. 2045 to 2130 hr
FS 60 Depth(ft)	3945.0	3945.0	3920.0	0.0	0.0	FS Fr. 2130 to 2230 hr

	Field	1	2	3	4	
A. Init Hydro	1961.0	1956.0	1915.0	0.0	0.0	T STARTED 1652 hr
B. First Flow	67.0	74.0	23.0	0.0	0.0	T ON BOTM 1857 hr
Bl. Final Flow	78.0	70.0	43.0	0.0	0.0	T OPEN 1900 hr
C. In Shut-in	1471.0	1474.0	1488.0	0.0	0.0	T PULLED 2230 hr
D. Init Flow	89.0	113.0	47.0	0.0	0.0	T OUT 0015 hr
E. Final Flow	89.0	90.0	66.0	0.0	0.0	
F. Fl Shut-in	1460.0	1445.0	1462.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	1950.0	1945.0	1873.0	0.0	0.0	Tool Wt. 2100.00 lbs
Inside/Outside	0	0	I			Wt Set On Packer 20000.00 lbs
						Wt Pulled Loose 60000.00 lbs
						Initial Str Wt 52000.00 lbs
						Unseated Str Wt 53000.00 lbs
						Bot Choke 0.75 in
						Hole Size 7.88 in
						D Col. ID 0.00 in
						D. Pipe ID 3.80 in
						D.C. Length 0.00 ft
						D.P. Length 3904.00 ft

RECOVERY

Tot Fluid 100.00 ft of 0.00 ft in DC and 100.00 ft in DP
 1140.00 ft of Gas in pipe.
 40.00 ft of Gas cut oily mud
 0.00 ft of 10% gas trace of oil 90% mu
 60.00 ft of Gas & oil cut mud
 0.00 ft of 25% gas 8% oil 57% mud
 0.00 ft of
 0.00 ft of
 0.00 ft of

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

BLOW DESCRIPTION

Initial Flow:

Weak blow built to bottom of bucket
 in 22 minutes.

Initial Shut-In:

Bled down for 2 minutes. Very slight
 surface blow back.

Final Flow:

Fair blow built to bottom of bucket
 in 1 minute.

Final Shut-In:

Bled down for 5 minutes. No blow back

SAMPLES:

SENT TO:

MUD DATA-----

Mud Type	Chemical
Weight	9.20 lb/c
Vis.	45.00 S/L
W.L.	8.00 in3
F.C.	0.32 in
Mud Drop N	

Amt. of fill	0.00 ft
Btm. H. Temp.	125.00 F
Hole Condition	good
% Porosity	0.00
Packer Size	6.75 in
No. of Packers	2
Cushion Amt.	0.00 n
Cushion Type	none
Reversed Out N	
Tool Chased N	
Tester	Darren L. Amerine
Co. Rep.	Jerry Honas
Contr.	Duke
Rig #	4
Unit #	no
Pump T.	none

Test Successful: Y