

SIDE TWO

Operator Name Carlile Drilling Co. Lease Name Bullack Well# 1 SEC 10 TWP 16S RGE 20W ☐ East ☐ West

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

Depth: 3925', Tested from 3891' to 3925', Packer size 6 3/4, Anchor Length: 34

Tool Open I.F.P. from 2:45 pm to 3:15 pm 30 min.

Tool Closed I.C.I.P. from 3:15 pm to 4:00 pm 45 min.

Tool Open F.F.P. from 4:00 pm to 5:00 pm 60 min.

Tool Closed F.C.I.P. from 5:00 pm to 6:30 pm 90 min.

Initial Hydro. Pressure (A) 2195 P.S.I.

Final Hydro. Pressure (H) 2146 P.S.I., Max Temp. 113°

Initial Blow: weak blow died in 18 min. then weak intermitant throughout

Final Blow: weak blow

Gas to Surface: none, Oil to Surface: none

Mut Weight 10, Viscosity 44

Gas Gauged: none

Recovery: 90 feet of watery mud with specks of oil

Surface Clay	0	120
Shale & Sand	120	305
Sand & Shale	305	778
Shale	778	830
Sand	830	1077
Shale & Sand	1077	1399
Anhydrite	1399	1435
Shale	1435	2081
Lime & Shale	2081	2566
Shale & Lime	2566	2815
Lime & Shale	2815	

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 lbs	301'	Common	185	3% c.c., 2% gel.

PERFORATION RECORD

Acid, Fracture, Shot, Cement Squeeze Record

shots per foot	specify footage of each interval perforated	(amount and kind of material used)	Depth

TUBING RECORD

size

set at

packer at

Liner Run

☐ Yes☐ No

Date of First Production	Producing method ☐ flowing ☐ pumping ☐ gas lift ☐ Other (explain)			
Estimated Production Per 24 Hours	Oil	Gas	Water	Gas - Oil Ratio
	Bbls	MCF	Bbls	CFPB

METHOD OF COMPLETION

PRODUCTION INTERVAL

Disposition of gas: ☐ vented☐ open hole ☐ perforation☐ sold☐ other (specify)☐ used on lease☐ Dually Completed.☐ Commingled

Operator Name Carlile Drilling Co. Lease Name OUA 1200K Well # 1 ... 550 AN ... 1200 AN ... 1200 AN ... 1200 AN

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

Samples Sent to Geological Survey

Cores Taken

☒ Yes ☐ No
☐ Yes ☐ No
☐ Yes ☐ No

Formation Description

☐ Log ☒ Sample

Name

Top

Bottom

Topeka - Shale grey. Limestone tan, dense chalky.
Heebner - Limestone tan, brown, chalky with common oolitic porosity. Shale grey.
Lansing - Limestone creme, fine crystalline. Minor fossil fragments. Shale grey. Common white chalky.
No shows throughout
Marmaton - Shale red, gray. Limestone white, chalky, tan fine crystalline. Scattered chert.
Pawnee - As Above
Cherokee SH - As Above
Cherokee SD - Sand clusters, transparent, coarse, well rounded to sub-angular, poorly sorted with brown oil, no odor, well saturated, stringy, minor free oil.
Arbuckle - Shale gray, red. Minor limestone tan, fine crystalline. Minor sand, gray, very fine clusters with glauconite, well cemented, not readily friable.

Anhydrite	1399	
B. Anhydrite	1435	
Topeka Limestone	3191	
Heebner Shale	3477	
Toronto Limestone	3498	
Lansing Formation	3520	
B. Kansas City	3784	
Marmaton Chert	3817	
Pawnee	3842	
Cherokee Shale	3904	
Cherokee Sand	3910	
Arbuckle Dolomite	3939	
Surface Clay	0	120
Shale & Sand	120	305
Sand & Shale	305	778
Shale	778	830
Sand	830	1077
Shale & Sand	1077	1399
Anhydrite	1399	1435
Shale	1435	2081
Lime & Shale	2081	2566
Shale & Lime	2566	2815
Lime & Shale	2815	

DST #1 - 3891-3925 30-45-60-90

1st blow: Weak blow, died in 18 minutes, then weak throughout.

2nd blow: Weak blow.

Recovery: 90' Watery mud with specks of oil.

I.H.P.	2195	p.s.i.
I.F.P.	64-73	p.s.i.
I.C.I.P.	1107	p.s.i.
F.F.P.	73-92	p.s.i.
F.C.I.P.	1063	p.s.i.
F.H.P.	2146	p.s.i.

CASING RECORD

☐ new☐ used

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PERFORATION RECORD

shots per foot

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

☐ Yes☐ No

Date of First Production

Producing method

☐ flowing☐ pumping☐ gas lift☐ Other (explain)Estimated Production
Per 24 Hours

Oil

Gas

Water

Gas-Oil Ratio

Gravity

Bbls

MCF

Bbls

CFPB

METHOD OF COMPLETION

PRODUCTION INTERVAL

Disposition of gas: ☐ vented☐ sold☐ used on lease☐ open hole☐ perforation☐ other (specify)☐ Dually Completed.☐ Commingled