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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.

SIDE TWO

Operator Name BLUETOP OIL CO Lease Name HOLTMAN Well #.....Sec. 2 Twp. 28 Rge. 23 ☒ East ☐ West County CRAWFORD

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

OIL SAND

14

137.5

151.5

Name	Top	Bottom
Top soil	0	15
BLACK SHALE	15	16
GRAY CLAY	16	31
DARK GRAY SHALE	31	39
DARK GRAY LIMESTONE	39	42
GRAY LIME	42	62
LIMESTONE SHALE	62	70
GRAY/WHITE LIMESTONE	70	78
WHITE/BROWN LIMESTONE	78	80
DARK BROWN LIMESTONE	80	81
DARK SHALE BLACK	81	84
GRAY SHALE / CLAY	84	94
BLACK SHALE	94	95
GRAY SHALE	95	106
LIGHT GRAY SHALE	106	111
LIGHT GRAY LIME	111	113
SANDY SHALE	113	125
SANDY SHALE	125	137
OIL SAND	137	151

TD 164

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 CASING	10	6 3/4		20	PORTLAND	5	NONE
	5 1/8	2		16 1/4	PORTLAND	18	NONE

PERFORATION RECORD

Shots Per Foot Specify Footage of Each Interval Perforated

Acid, Fracture, Shot, Cement Squeeze Record

(Amount and Kind of Material Used) Depth

1	137 To 142	FRACED WITH 5% SAND	
1	142 To 148	+ 40 BARRELS WATER	

TUBING RECORD

Size

Set At

Packer at

Liner Run

☐ Yes ☐ No

Date of First Production

Producing Method

☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (explain).....