

11-10-26W

.....⁴²⁹⁰ Ft North from Southeast Corner of Section
.....³³⁰ Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

Lease Name.....Bittel.!E!.....Well #...2....

Field Name.....Custer West.....

Producing Formation.....L-KC.....

Elevation: Ground.....2566.....KB.....2571.....

Section Plot

FEB 18 1968

WATER SUPPLY INFORMATION

Disposition of Produced Water: X Disposal
Docket # C-22,301 Repressuring

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
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x Other (explain). Purchased from water hauler
(purchased from city R.W.D. #)

	Oil	Gas	Water	Gas-Oil Ratio	Gravity
Estimated Production Per 24 Hours	48 Bbls	0 MCF	13 Bbls	CFPB	36.7

METHOD OF COMPLETION

Production Interval

☐ Open Hole ☒ Perforation
☐ Other (Specify)
☐ Dually Completed

3825-30', 3852-56',
3892-3900', 3904-09',
& 3958-63'.....

Operator Name **W&S-Oil** PETROLEUM, INC. Lease Name **Bittel 'E'** Well # **2**

Sec. **11** Twp. **10S** Rge. **26** ☐ East ☒ West County **Sheridan**

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

DST #1, 3817-3837', 10-35-60-120 Rec 70' heavy oil cut mud. IFP 38-38#, ISIP 849#, FFP 47-66#, FSIP 849#.

DST #2, 3841-3860', 10-35-45-90 Rec 900' GIP, 75' heavy oil cut mud. IFP 38-38#, ISIP 190#, FFP 47-57#, FSIP 181#.

DST #3, 3860-3878', 15-30-30-30 Rec 5' oil specked mud. IFP 30-30#, ISIP 30#, FFP 30-30#, FSIP 30#.

DST #4, 3889-3913', 10-35-45-90 Rec 520' GIP, 135' clean oil, 60' very heavy oil cut mud, 60' heavy oil cut mud, 60' oil and gas cut mud. IFP 57-57#, ISIP 954#, FFP 95-124#, FSIP 954#.

DST #5, 3943-3971', 10-35-45-90 Rec 1635' GIP, 425' heavy oil cut mud. IFP 114-114#, ISIP 229#, FFP 162-190#, FSIP 229#.

DST #6, 3975-4015', 10-35-30-30 Rec 2' mud. IFP 38-38#, ISIP 47#, FFP 38-38#, FSIP 38#.

Name	Top	Bottom
Anhydrite	2198 (+ 373)	
B/Anhydrite	2232 (+ 339)	
Topeka	3572 (-1001)	
Heebner	3786 (-1215)	
Toronto	3808 (-1237)	
Lansing	3824 (-1253)	
Stark	4011 (-1440)	
B/KC	4053 (-1482)	

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"	20#	233'	60/40 Poz	160	3% CC, 2% Gel.
Production	7 7/8"	5 1/2"	14 & 15.5#	4090'	60/50 Poz	150	10% salt.
					Thrift Mix	330	2% Gel, 3/4% FRA, 5# Gilsomite
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	3958-63', 3904-09', 3897-3900'			250 gal. 15% NE & 1000 gal. gelled acid.		3958-63'	
2	3852-56', 3825-30'			500 gal. 15% NE & 1500 gal. gelled acid.		3904-09' & 3897-3900'	
				9 BBL. gelled acid & 750 gal. gelled acid		3852-56'	
TUBING RECORD				Liner Run ☐ Yes ☒ No			
Size	Set At	Packer at					
2 3/8"	3962.69	NA					
Date of First Production		Producing Method					
12-17-87		☐ Flowing ☒ Pumping ☐ Gas Lift ☐ Other (explain).....					
Notary Public <i>Juan D. ...</i>				(Specify)			
Date Commission Expires 11-9-88							