

WELL COMPLETION OR RECOMPLETION FORM
ACO-1 WELL HISTORY

NOTARY PUBLIC - State of Kansas
JUAN D. MUNZ
My Appt. Exp. 11-9-88

Operator Name Petroleum, Inc. Lease Name Smith J Well# 1 SEC 26 TWP 22 RGE 14 ☐ 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
Samples Sent to Geological Survey
Cores Taken☒ Yes ☐ No
☐ Yes ☐ No
☐ Yes ☐ NoFormation Description
☐ Log ☒ Sample

Name Top Bottom

All measurements are from top of rotary casing.

Geological Tops

Freshwater 3107 (-1177)
Brown Limestone 3138 (-1508)
Limestone 3150 (-1520)

True Well Tops

3108 (-1178)
3138 (-1508)
3150 (-1520)

3176-82

3176-84

Limestone, white, medium crystalline, oolitic and oolitic, fair porosity, no show of oil.

3192-97

3193-96

Limestone, white, medium crystalline, oolitic and oolitic, shaly, some chert with fair porosity, no show of oil.

3511-35

3518-40

Limestone, white, medium crystalline, cherty, no show of oil.

3550-53

3550-54

Limestone, white, medium crystalline, oolitic and oolitic, shaly, poor porosity, trace of stain, no show of free oil.

3565-74

3570-74

Limestone, white, fine to medium crystalline, oolitic and oolitic with oolitic chert, fair porosity, trace of stain, trace of free oil.

Drill Stem Test #1, 3568-00, open 15 min., weak blow diminished in 5 min., recovered 10' of mud, BHP 1258.

3610-18

3610-20

Limestone, white, medium crystalline, oolitic and oolitic, good oolitic porosity, no show of free oil.

Drill Stem Test #2, 3606-20, open 1 hour, good blow, recovered 6' of heavily oil and gas cut mud, 600' of oil and gas cut muddy water, 600' of gas, BHP 1258.

3610-45

3618-45

Limestone, white, medium crystalline, oolitic, fair porosity, no show of oil.

Conglomerate:
Voids:3710 (-1750)
3724 (-1754)3710 (-1750)
3724 (-1754)

3732-52

3732-58

Chert and limestone, white to gray, medium crystalline, partly oolitic, fair inter-crystalline porosity, fair stain, show of free oil.

Biotite:

3758 (-1828)

3758 (-1828)

Drill Stem Test #3, 3772-3800, open 1 hr., good blow, recovered 90' of mud, BHP 1258.

Arbores:

3815 (-1885)

3814 (-1884)

3815-25

3817-28

Dolomite, white to tan, medium crystalline, fair vugular porosity, good show of free oil.

Drill Stem Test #4, 3814-21, open 1 hr., good blow throughout, recovered 175' clean gassy oil, FFP 1200, BHP 1500.

3832-39

3832-38

Dolomite, white to tan, some pink, medium to coarse crystalline with oolitic chert, fair porosity, fair stain, some barren, show of free oil.

3845-49

3843-50

Dolomite, white, medium to coarse crystalline, fair porosity, no show of free oil.

3851-55

Dolomite, white, medium crystalline, partly vuggy porosity, spotted stain, mostly barren, no show of free oil.

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 1/2"	8-5/8"	24#	267'	Common	200	2% gel, 1% CC
Production	7-7/8"	5 1/2"	14#	3863'	Common	100	2% gel

PERFORATION RECORD

shots per foot specify footage of each interval perforated

Acid, Fracture, Shot, Cement Squeeze Record

(amount and kind of material used)

Depth

8	3817-19'	250 gal. XX-M38 Acid	3817-19'
4	3640-45'	500 gal. XX acid & 2000 gal. Jel X-00	3640-45'
	3591-97'	500 gal. XX	3591-97'
4	3572-75'	500 gal. XX acid & 2000 gal. Jel X-00	3572-75'
4	3695-3700'	250 gal. Dowell Mud Acid	3695-3700'

TUBING RECORD

size P&A

set at

packer at

Liner Run

☐ Yes☐ NoDate of First Production
P&A

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.

P&A