

STATE OF COLORADO
OIL AND GAS CONSERVATION COMMISSION
DEPARTMENT OF NATURAL RESOURCES

RECEIVED

AUG 22 1983



02357746

File one copy for Patented, Federal and Indian lands.
File in duplicate for State lands.5. LEASE DESIGNATION AND SERIAL NO.
COLO. OIL & GAS CONS. COMM.
6. IF INDIAN, ALLOTTEE OR TRIBE NAME

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ DRY ☒ Other _____

b. TYPE OF COMPLETION:

NEW WELL ☐ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Peterson

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Wildcat

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

C SW NE 34-T3S-R55W

2. NAME OF OPERATOR

J. W. Nylund

3. ADDRESS OF OPERATOR

5680 So. Syracuse Circle, #502, Englewood, CO 80111

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)

At surface 1980' FEL, 1980' FNL; C SW NE 34-T3S-R55W
At top prod. interval reported below

J.W. Gibson

At total depth

14. PERMIT NO. 83 836 DATE ISSUED 8/4/83

12. COUNTY Washington 13. STATE Colorado

15. DATE SPUDDED 8/11/83 16. DATE T.D. REACHED 8/14/83 17. DATE COMPL. (Ready to prod.) 8/14/83 18. ELEVATIONS (DF, REB, RT, GR, ETC.) 4884' GL; 4896' KB 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 4975' 21. PLUG, BACK T.D., MD & TVD 22. IF MULTIPLE COMPL., HOW MANY (Plug & Abd.) 23. INTERVALS DRILLED BY 0' - 4975'

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD) 25. WAS DIRECTIONAL SURVEY MADE yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

Induction Electrolog; Gamma Ray-Densilog

27. WAS WELL CORED YES ☐ NO ☒ (Submit analysis)
DRILL STEM TEST YES ☐ NO ☒ (See reverse side)

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	24#	114' KB	12-1/4"	80 sacks	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (<i>Flowing, gas lift, pumping—size and type of pump</i>)				WELL STATUS (<i>Producing or shut-in</i>)		
DATE OF TEST		HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD →	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL—BBL.		GAS—MCF.		WATER—BBL.	OIL GRAVITY-API (CORR.)

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

Final well report, plugging report

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

Lanette C. Smith

TITLE

Office Manager

DATE

8/18/83

See Spaces for Additional Data on Reverse Side

37. SUMMARY OF POROUS ZONES:
SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES.

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
			See Final Well Report			

RECEIVED

AUG 22 1983

COLO. OIL & GAS CONS. COMM.

FINAL WELL REPORT

J. W. Nylund, et al
#1 Peterson

SW NE Section 34-T3S-R55W
Washington County, Colorado

X

✓

RECEIVED

AUG 22 1983

GENERAL INFORMATION

COLO. OIL & GAS CONS. COMM

OPERATOR: J. W. Nylund
 FARM: Peterson
 WELL NUMBER: 1
 LOCATION: 1980' FEL; 1980' FNL; C SW NE Section 34-T3S-R55W
 FIELD: Wildcat
 COUNTY: Washington
 STATE: Colorado

 ELEVATION: 4884' GL, 4896' KB (surveyed by Billy Holloway, Powers Elevation Service)

 SURFACE CASING: Drilled 118' of 12-1/4" hole. Ran 3 joints, 102' of 8-5/8" 24# casing, set at 114' KB with 80 sacks regular cement, 3% CaCl.

 CORES: None

 DRILL STEM TESTS: None

 LOGS: Ran Dresser Atlas Induction Electrolog from 4966' to 114'; ran compensated Gamma Ray-Densilog from 4961' to 3850'; Prolog field analysis over sand sections.

 MUD PROGRAM: Chemical gel drilling mud with following properties on the morning of August 14, 1983: wt. 9.8; vis 68; pH 8.5; water loss 4.9; cake thickness 2/32".

 DRILLING TIME CHARTS: Star Recorder drilling time charts showing one foot penetration rate are on permanent file in operator's office.

 STATUS: Plugged and abandoned.

 WELLSITE GEOLOGIST: J. W. Nylund

 DRILLING CONTRACTOR: J. W. Gibson Drilling Co., rig #98; Larry Johnson, toolpusher

DAY	
TIME	
NAME	
NAME	
ROOM	
LAB	
ROOM	

CHRONOLOGICAL HISTORY

AUG 22 1983

August 11, 1983 - Moved in rotary tools, rigged up, spudded at 1:00 P.M., set surface casing. Plug down at 2:30 P.M. Drilled surface plug at 7:00 P.M.

August 12 Drilling at 2336' with water; bit #1.

August 13 Tripping for bit #3 at 4367'; drilling with mud.

August 14 Drilling at 4955' with mud; bit #4. Drilled to TD of 4975'. Ran IES and Gamma Ray-Density logs. Plugged well with 25 sacks cement in bottom of surface casing and 10 sacks in top, as per telephone instructions from Jim McKee, Colorado Oil and Gas Conservation Commission.

FORMATION TOPS

<u>Formation</u>	<u>Log Tops</u>	<u>Sea Level Datum</u>
Niobrara	3882'	
Ft. Hayes	4368'	
Carlile	4418'	
Greenhorn	4502'	
Bentonite marker	4744'	
D Sand	4840'	+56
J Sand	4890'	+6
Total Depth	4975' driller	
	4966' Dresser Atlas	

BIT RECORD

<u>Run No.</u>	<u>Size</u>	<u>Make</u>	<u>Type</u>	<u>Depth Out</u>	<u>Footage</u>	<u>Hours</u>
1	7-7/8"	HTC	R-1	3255'	3127'	14-1/2
2	7-7/8"	W.M.	03-J	4366'	1111'	12-3/4
3	7-7/8"	HTC	J-1	4893'	527'	12-1/4
4	7-7/8"	HTC	J-22	4975'	82'	8-1/4

DEVIATION SURVEYS

<u>Depth</u>	<u>Degrees from Vertical</u>
118'	1/4°
1123'	1/2°
2119'	1/2°
3116'	1°
4366'	0°

AUG 22 1983

SAMPLE DESCRIPTION

COLO. OIL & GAS CONS. COMM.

- 4840' - 4846' Top of D Sand. Sandstone, white, very fine grained, tight, argillaceous, soft, fair sorting, subrounded grains, no shows.
- 4846' - 4852' Sandstone, gray, fine grained, low to fair P & P, argillaceous in part, medium soft, fair sorting, subrounded grains, no shows.
- 4852' - 4862' Sandstone, gray, fine grained, tight, clay filled, shaley, dirty, poor sorting, medium soft, subrounded grains, no shows.
- 4862' - 4890' Shale, black, soft, very bentonitic, slightly pyritic, fissile.
- 4890' - 4898' Top of J Sand. Sandstone, gray, fine grained, tight, clay filled, shaley, very pyritic (much loose pyrite in sample tray), medium hard, friable, subrounded grains, no shows.
- 4898' - 4912' Sandstone, gray, fine grained, tight, argillaceous, glauconitic, quartzitic in part, hard, poorly sorted, subangular grains to dense, no shows.
- 4912' - 4918' Shale, silty arenaceous in part, bentonitic.
- 4918' - 4924' Siltstone, gray, hard, arenaceous.
- 4924' - 4932' Sandstone, white, fine grained, low P & P to tight, argillaceous, glauconitic, soft, friable, well sorted, subrounded grains, very light spotty staining (seen only on dry sample), spotty weak yellow fluorescence.
- 4932' - 4956' Shale, black, silty, arenaceous, pyritic.
- 4956' - 4966' Sandstone, white to light tan, medium fine grained, low to fair P & P, argillaceous, glauconitic, medium hard, friable, fair sorting, subrounded grains, no stain, very questionable spotty weak yellow fluorescence.

Sample quality - good.