

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.5

13

5. LEASE DESIGNATION AND SERIAL NO.

C-15260

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Conoco-Federal 21

9. WELL NO.

2

10. FIELD AND POOL, OR WILDCAT

McCallum - Lakota

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

Sec. 21, T9N, R78W

12. COUNTY OR PARISH

Jackson

13. STATE

Colorado

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 _____

2. NAME OF OPERATOR
Continental Oil Company

3. ADDRESS OF OPERATOR
152 North Durbin St., Casper, Wyo. 82601

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 1000' FSL, 700' FWL (SW SW)
At top prod. interval reported below
At total depth

14. PERMIT NO. DATE ISSUED

15. DATE SPUDDED 16. DATE T.D. REACHED 17. DATE COMPL. (Ready to prod.) 18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 19. ELEV. CASINGHEAD

8-29-74 10-13-74 11-25-74 8261' Gr.

20. TOTAL DEPTH, MD & TVD 21. PLUG, BACK T.D., MD & TVD 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY ROTARY TOOLS CABLE TOOLS

6310' 6271' → X

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

6229-45' Lakota, NEP 12'

Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN 27. WAS WELL CORED

IES, EDG, CNL and Dipmeter

Yes

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9 5/8"	36#	310'	12 1/4"	375 sacks Class "G"	<input checked="" type="checkbox"/>
5 1/2"	15.5-14#	6292'	7 7/8"	330 sacks Class "G"	<input checked="" type="checkbox"/>

29. LINER RECORD 30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACER SET (MD)
					2 7/8"	6197'	

31. PERFORATION RECORD (Interval, size and number) 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

6231-43' w/4 JSPF

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
6231-43'	9000 gals. w/3000# 10-20 sand, 2% KCl water, 60#/1000 gals. WG6, 30#/1000 gals. "ADOMITE AQUA."

33. PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)					
11-25-74	Pumping 2 1/2" x 1 1/2" x 15' pump	Producing					
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
11-25-74	24		→	2		10	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
		→				30.9	

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

C. J. McAllister

35. LIST OF ATTACHMENTS



00222513

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

SIGNED _____ TITLE Administrative Supervisor DATE 12/6/74

*(See Instructions and Spaces for Additional Data on Reverse Side)

First prod 11-10-74

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Frontier Core #1	5490	5511.5	Siltstone and limestone. Slight show.
#2	5511.5	5540.5	5511.5-13, ls & siltstone, slight show. 5513-40.5, sandstone, slight show.
Muddy #3	6050	6080	Interbedded siltstone, sandstone & shale. Very slight staining.
#4	6080	6110	Sandstone & shale, slight show.
#5	6110	6140	6110-14, sandstone, slight show. 6114-6140, shale.
Dakota #6	6165	6195	Siltstone & claystone, very slight show at base.
#7	6195	6221	Siltstone & claystone, no show.
Lakota #8	6221	6251	6221-28, claystone, no show. 6228-41, sandstone, good show. 6241-44, conglomeratic sandstone. 6244-51, claystone.
#9	6251	6281	Claystone, dark red, no show.

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Pierre "B"	2996'	
Niobrara	4806'	
Frontier	5496'	
Muddy	6064'	
Dakota	6148'	
Lakota	6229'	
Morrison	6245'	
DST's (see attached.)		

Attachment
Form 9-330
Conoco-Federal 21 #2

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COLO. OIL & GAS CONS. COMM.

- DST #1 - 5028-5139, IF 10 min., ISI 40 min., FF 60 min., FSI 120 min.
Rec. 95' oil and gas cut mud. Sample chamber 1.3 cu. ft. gas at
75 psi. IHHP 2523, IFP 147, ISIP 798, FFP 158, FSIP 1040, FHHP
2610'.
- DST #2 - 5477-5570', packer failed.
- DST #3 - 5477-5570'. packer failed.
- DST #4 - 6055-6140', IF 10 min., 165 psi; ISI 45 min., 1081 psi; FF 60 min.,
60-90 psi; FSI 120 min., 1081 psi. IHHP 2987#, FHHP 2972#. Rec. 295'
gas cut mud. Sample chamber: 2000 cc gas cut mud at 75 psi.
- DST #5 - 6194-6251', IF 10 min., 88-99 psi; ISI 45 min., 1001 psi; FF 60 min.,
144-191 psi; FSI 60 min., 878 psi. IHHP 3166 psi, FHHP 3166 psi.
Rec. 372' gas and oil cut mud. Sample chamber: 0.7 cu. ft. gas,
720 cc oil, 400 cc water, 400 cc mud at 240 psi.



File
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