Form 9-330
(Rev. 5-63)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE (See other instructions on reverse side)

N. M. OIL CONS. COMMISSION
MAR 1980
HOBBS, NEW MEXICO 88240

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

5. LEASE DESIGNATION AND SERIAL NO.: NM -13644A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME:

8. FARM OR LEASE NAME: Featherstone Federal

9. WELL NO.: 1

10. FIELD AND POOL, OR WILDCAT: Wildcat (Bone Spring)

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: Sec 21 T20S - R35E

12. COUNTY OR PARISH: Lea

13. STATE: NM

1a. TYPE OF WELL: OIL WELL [X] GAS WELL [ ] DRY [ ] Other

b. TYPE OF COMPLETION: NEW WELL [X] WORK OVER [ ] DEEP-EN [ ] PLUG BACK [ ] DIFF. RESVR. [ ] Other

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OIL & GAS
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2. NAME OF OPERATOR: The Superior Oil Company

3. ADDRESS OF OPERATOR: P. O. Box 3901 Midland, Texas 79701

4. LOCATION OF WELL (*Report location clearly and in accordance with any State requirements*)*
At surface 1980' FNL & 1980' FEL, Sec 21, T20S - R35E
At top prod. interval reported below
At total depth Straight Hole

14. PERMIT NO.: ---
DATE ISSUED: 4-21-81

15. DATE SPUDDED: 4-28-81
16. DATE T.D. REACHED: 10-31-81
17. DATE COMPL. (*Ready to prod.*): 2-18-82
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*: GR - 3716'
19. ELEV. CASINGHEAD:

20. TOTAL DEPTH, MD & TVD: 14100
21. PLUG, BACK T.D., MD & TVD: 10160
22. IF MULTIPLE COMPL., HOW MANY*:
23. INTERVALS DRILLED BY: →
ROTARY TOOLS: X
CABLE TOOLS:

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*: Bone Springs 10086 - 96

25. WAS DIRECTIONAL SURVEY MADE: NO

26. TYPE ELECTRIC AND OTHER LOGS RUN: DLL-CNL-FDC-BHC

27. WAS WELL CORED: NO

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
20"	94	61'	26	Readi Mix	
16"	65	628'	18-½	Readi Mix	
10 3/4"	51 & 45.5	4421	14 3/4	1)1000sx Cl.C(2)4500 Cl.C	
7 5/8"	29.7 & 26.4	11486	9 1/2	445 sx Cl. H	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
5"	11194	14100	350 Cl. H	

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 7/8	10,200	

31. PERFORATION RECORD (*Interval, size and number*)
13575 - 81 9370
13618 - 61 8940 w/ 4-jspf
12478 - 515 (Squeeze Perfs)
11968 - 75
10086 - 96 w/2 jspf

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
13960-13250	1. spotted 500 gal 10% acidic aci
13575-81&13618-61	2 acidized w/4500 gal 7½% MSR10C
	750 SCF/bbl N_2+70-7/8 ball sealer
	**See Attachment

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (*Flowing, gas lift, pumping—size and type of pump*)	WELL STATUS (*Producing or shut-in*)
11-16-81	Pumping-Rod pump 2½ X 1¼ X 16"	Producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD →	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
3-3-82	24			58	50	3	862:1

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
75#	20#					37.6

34. DISPOSITION OF GAS (*Sold, used for fuel, vented, etc.*): used for lease fuel & also vented

TEST WITNESSED BY: Clayton McConnell

35. LIST OF ATTACHMENTS: 2 copies of Logs

ACCEPTED FOR RECORD
ROSELLA CHAPMAN
MAR 19 1982
U.S. GEOLOGICAL SURVEY
ROSWELL, NEW MEXICO

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

SIGNED G. F. Tate TITLE Production Superintendent DATE 3/12/82

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

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.
Red Beds	402		
Rustler	2000		
Delaware	5847		
Bone Springs	8430		
Wolfcamp	11746		
Strawn	12104		
Atoka	12445		
Morrow	12965		
Barnett	13365		

38. GEOLOGIC MARKERS

NAME	TOP MEAS. DEPTH	TOP TRUE VERT. DEPTH

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APR 21982
OIL CON. DIV.
HOBBS OFFICE

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