Form 9-330
(Rev. 5-68)

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.

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

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2. NAME OF OPERATOR: CHACE OIL COMPANY, INC.

3. ADDRESS OF OPERATOR: 313 Washington SE Albuquerque, NM 87108

4. LOCATION OF WELL (*Report location clearly and in accordance with any State requirements.*)
At surface: Unit "A" 490' NL and 330' EL
At top prod. interval reported below
At total depth

5. LEASE DESIGNATION AND SERIAL NO.: NM 25311
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
7. UNIT AGREEMENT NAME:
8. FARM OR LEASE NAME: Rattlesnake - Federal
9. WELL NO.: 1
10. FIELD AND POOL, OR WILDCAT: Wildcat
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: Sec. 19, T21N, R7W
12. COUNTY OR PARISH: Sandoval
13. STATE: New Mexico

14. PERMIT NO. | DATE ISSUED

15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (*Ready to prod.*)	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*	19. ELEV. CASINGHEAD
9/28/81	10/08/81	Plugged 10/11/81	6773' 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
			→		

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

25. WAS DIRECTIONAL SURVEY MADE

26. TYPE ELECTRIC AND OTHER LOGS RUN

27. WAS WELL CORED

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"	23#	214.75'		225	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)

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 (*Flowing, gas lift, pumping—size and type of pump*)	WELL STATUS (*Producing or shut-in*)
		Plugged and Abandoned

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD →	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
10/10/81	5						

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: Ron Gordon

35. LIST OF ATTACHMENTS

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

SIGNED [signature] TITLE Geologist DATE 10/22/81

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

Drill Stem Test - Entrada (See back)

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 both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number 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:
(1) 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	TOP TRUE VERT. DEPTH
Pictured Cliffs	824	947	Shly sd - wet			
Cliff House	1155	1276	Sand & shale interbeds - wet			
Menefee	1301	-	Sand, shale, & coal interbeds - minor gas shows			
Point Lookout	2938	3018	Shly sd; some coal			
Gallup	4010	4205	Sd & Sh. interbeds			
Greenhorn	4825	4873	Calc. sd - wet			
Dakota "A"	4905	4935	Sd w/clay - wet			
Dakota "D"	5081	5130	Sd w/clay - wet			
Todilto	6054	6112	Fractured anhydrite			
Entrada	6112	T.D.	Limey sand - wet			
			DST; Packers Top 6023' Recovered 150' mud Bottom 6128' 1382' water 30' sand Interval tested 6044-6151 Open 30 mins. Closed 60 mins. Open 60 mins. Closed 120 mins. Pressure records attached			

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BURTON SERVICES

JOB LOG

WELL NO. 1 LEASE [illegible] TICKET NO. [illegible]

CUSTOMER Chace Oil Co JV PAGE NO. 1

JOB TYPE DST #1 DATE 10-10-81

FORM 2013 R-2

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS T	PUMPS C	PRESSURE (PSI) TUBING	PRESSURE (PSI) CASING	DESCRIPTION OF OPERATION AND MATERIALS
~~DTD~~	1900							On Location
10-10	0120							Pick up tool
	0350							Tool on Trip in
	0625							Open tool w/ weak blow w/in.
	0635							Close tool
	0757							Open tool w/ weak blow w/in.
	0857							Close tool
	1055							Open bypass Trip out
	1630							Job Complete
								Thank You
								Dan & Bill
Temp	162°							
Tool Tally	60 jts	4'-	6131'					Top 6023' Bottom 6128'
Sampler		5psi	2240 cc	N2				3015 3014
								257 334 30
								460 488
								2419 2491 62
Bit	.546	72						473 501
Top	.546	79						876 934 60
Mid. Jts	.543	79						2282 2465 120
Btm	.933	80						2730 2873
Sampler	.880	79						
Top								150' Mud
								1382 H2O
								30 Sample

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