

P. O. BOX 1980

HOBBS, NEW MEXICO 88240

Form approved
Budget Bureau No. 42-10-107UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

1. LEASE DESIGNATION AND REFERENCE NO.

NM-26395

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Government "23"

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Wildcat

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

Sec. 23, T19S, R34E

12. COUNTY OR PARISH

Lea

13. STATE

New Mexico

15. DATE SPUDDED

11-11-81

16. DATE T.D. REACHED

1-4-82

17. DATE COMPL. (Ready to prod.)

9-12-82

18. ELEVATIONS (DF, RKB, RT, GR, ETC.) *

GR-3805.2

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

13,753

21. PLUG, BACK T.D., MD & TVD

12,285

22. IF MULTIPLE COMPLET., HOW MANY *

-

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

X

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

9779-10,348

Bore Springs

No

25. TIME ELECTRIC AND OTHER LOGS RUN

Sonic-GR, DLL, RXO, CNL

27. WAS WELL Cased

No

28. CASING RECORD (Report at 1000' intervals in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET, MD	HOLE SIZE	CEMENTING RECORD	AMOUNT PUMPED
20"	-	40'	26"	Ready Mix	
13 3/8"	54.5=	600'	17 1/2"	675 CI C; circ 200 sx	
9 5/8"	40.43.5=	4965'	12 1/4"	2600 sx Poz. 275 CI C; circ 86 sx	
5 1/2"	20	13,753'	7 7/8"	11130 sx CI C; 21250 sx CI C; circ 44 sx	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SOCKS CEMENT *	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKED, LB. MD
					2 7/8	8799'	

31. PERFORATION RECORD (Interval, size and number)

(13364-13372) 10338-348
 (13327-13335) 9779-9914 OA
 (12404,12423)

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
See Attachment	

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Use pumpjack, gas lift, etc. or type of pump)				WELL STATUS (Producing, Shut-in, etc.)	
8-31-82		Pumping 2 1/2" x 1 1/4" x 33'				Producing	
DATE OF TEST	HOURS TESTED	CHOKED SIZE	PERIOD FOR TEST PERIOD	OIL—BBL.	GAS—MCF	WATER—BBL.	GAS—IN EXCESS
9-23-82	24	-	→	196	175	80	893
FLOWING PRESS.	CHOKING PRESS. (lb.)	CHOKING PRESS. (lb.)	CHOKING PRESS. (lb.)	CHOKING PRESS. (lb.)	CHOKING PRESS. (lb.)	CHOKING PRESS. (lb.)	CHOKING PRESS. (lb.)
200=	25=	→					43.0

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

Vented

35. LIST OF ATTACHMENTS

Logs, Inclination Report

36. I hereby certify that the foregoing and other information is true and correct to the best of my knowledge and belief.

SIGNED

Production Superintendent

U.S. GEOLOGICAL SURVEY

DATE 9-28-82

* (See Instructions and Spaces for Additional Remarks)

ROSWELL, NEW MEXICO

INSTRUCTIONS

General instructions for the completion of this form are given on the back of the form and on the back of the State agency or State agency. Any necessary instructions concerning the use of this form and the number of copies to be submitted, should be obtained from the State agency or State agency. Any necessary instructions concerning the use of this form and the number of copies to be submitted, should be obtained from the State agency or State agency. Any necessary instructions concerning the use of this form and the number of copies to be submitted, should be obtained from the State agency or State agency.

Item 1: See instructions on items 22 and 24, and 25, below regarding separate reports for separate completions. If not filled in, the form is a summary record and is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and core logs, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be labeled on this form, see item 25.

Item 2: If there are no available 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.

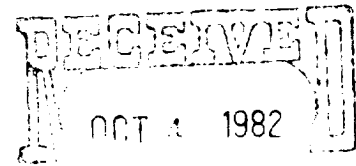
Item 16: The scale which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in 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: *Appendix C, note 2*. 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.)

32. SUMMARY OF PRODUCTION		33. GEOLOGIC MARKERS	
FORMATION	TOP	NAME	MEAS. DEPTH
Rustler	1,811'	Rustler	1,811
Salado	1,898'	Salado	1,898
Yates	3,495'	Yates	3,495
Queen	4,971'	Queen	4,971
Delaware Mtn Grp	6,087'	Delaware Mtn Grp	6,087
(Bone Springs) Lime	8,184'	(Bone Springs) Lime	8,184
(Bone Springs) Sand	9,307'	(Bone Springs) Sand	9,307
Wolfcamp	11,050'	Wolfcamp	11,050
Permian-Penn Shale	11,535'	Permian-Penn Shale	11,535
Strawn	12,260'	Strawn	12,260
Atoka	12,538'	Atoka	12,538
Morrow Lime	12,858'	Morrow Lime	12,858
Morrow Clastics	13,244'	Morrow Clastics	13,244
Chester?	13,640'	Chester?	13,640
	TD 13,753'		

Form 9-33C
Government 23 #1
NM-26395



OIL & GAS
U.S. GEOLOGICAL SURVEY
DOSWELL, NEW MEXICO

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
13,570 13,430 13,364-13,372 Tubing	Pumped 95 bbls MSR 100 7 1/2@ HCL + add. CIBP w/20' cmt W/4 JSPF Frac w/30 bbl 5% KCl wtr w/clay stab. & 2 GPT non-ionic surf., pump 1000 gal. 30% Methanol, 70% KCL wtr & add. + 40-7/8" balls; displaced w/3280 gal 5% KCl wtr w/2 GPT clay stab., 2 GPT non-ionic surf.
13,327-13,335	Perfed w/4 JSPF; fraced w/1000 gal 5% KCL wtr, 2 gal/M Clasta, 3 gal/M non-ionic surf. + 5 balls/ bbl 1st 10 bbls - 50 balls total. Acidize w/2000 gal MSR 123 acid & 40-7/8" balls.
13,000 12,404-12,423	CIBP w/5 sx cmt on top. Perfed w/2 JSPF; acidized w/4000 gal mod 202 acid & 50-7/8" balls; acidized w/15,000 gal mod 202 acid, 15,000 gal Ferrigel 1500, 15,000 gal 5% KCL flush.
12,300 10,338-10,340	CIBP w/45' cmt on top Perfed; acidize w/160 gal 15% HCL + add.; acidize w/1600 gal 15% MSS HCL acid; pumped 3600 gal pad w/CO ₂ , 0-90 gal pad w/1-3.5# 20-40 sand/gal + 25% CO ₂ at 4" x 1/2"
9,768- 9,808 9,779- 9,814 OA	Shot 150 gal 15% MSS Perf; pad 400 gal 15% MSS acid + 34-7/8" balls; pad 650 gal 15% HCL acid. Frac well w/1143 bbl Tran XL-4 gal mixed w/ 3% HCL, 235 bbl CO ₂ , 90,000# 20-40 sand, fraced w/200 bbl 3% FW KCL base fluid.