

(November 1983)
(Form 3160-4)

BUREAU OF LAND MANAGEMENT, UNITED STATES

SUBMIT IN DUPLICATE

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985BUREAU OF LAND MANAGEMENT
DEPARTMENT OF THE INTERIOR
Artesia, NM 88210

(See other instructions on reverse side)

RECEIVED

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐
b. TYPE OF COMPLETION: NEW WELL ☐ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RENVR. ☐ Other ☐

2. NAME OF OPERATOR

Hanson Operating Company, Inc. ✓

3. ADDRESS OF OPERATOR

P.O. Box 1515, Roswell, New Mexico 88202-1515

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

At surface Unit I, NE 1/4 SE 1/4, 1530' FSL & 940' FEL

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

30-015-27546

12. COUNTY OR PARISH

13. STATE

Eddy

New Mexico

15. DATE SPUDDED

7/31/93

16. DATE T.D. REACHED

8/9/93

17. DATE COMPL. (Ready to prod.)

9/3/93

18. ELEVATIONS (OF RKB, RT, OR, ETC.)*

3446.2' GR

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

3550'

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

3540'

22. IF MULTIPLE COMPL., HOW MANY*

2

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

10-3550

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

3rd Grayburg Sand 3436' - 3444'

3rd Penrose Sand 3153' - 3160'

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

Z-Density Compensated Neutron Gamma Ray Acoustic Cement Bond Log

27. WAS WELL CORRED

No

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	758'	12/4	640 sx Premium Plus	
5 1/2"	15.5	3550'	7 7/8	170 sx Premium Plus 1st Stage	
				700 sx Lite w/100 sx Prem.	
				Plus 2nd Stage	

29. LINER RECORD

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

31. PERFORATION RECORD (Interval, size and number)

3436 - 3444 - 34 Holes - .44

3153 - 3160 - 20 Holes - .44

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3436-3444	500 Gal 15% HCL, 30000 Gal Borage w/55,400# 16/30 Sand
3153-3160	1000 Gal 15% HCL, 16000 Gal Borage w/36,800# of 16/30 Sand

33.* PRODUCTION

DATE FIRST PRODUCTION PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) WELL STATUS (Producing or shut-in)
Water Injection Well

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	WATER—BBL.	GAS—OIL RATIO

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

35. LIST OF ATTACHMENTS

Logs, Deviation Survey

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

SIGNED

Patricia D. McLean

TITLE

Production & Drilling Sup.

DATE

Sept. 8, 1993

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

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

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, flowing and shut-in pressures, and recoveries):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Queen	3156'	3160'	Sandstone - Injection Zone
Grayburg	3424'	3433'	Sandstone - Injection Zone

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Yates	1812'	+1634
Queen	2869'	+ 577
Grayburg	3280'	+ 166



RECEIVED

KEN REYNOLDS—PRESIDENT
ARNIE NEWKIRK—VICE-PRESIDENT

DRILLING CO., INC. — OIL WELL DRILLING CONTRACTORS

SEP 9 10 48 AM '93

CARL...
AREA...

P. O. Box 1498 ROSWELL, NEW MEXICO 88202-1498
505/623-5070 505/746-2719
ROSWELL, NM ARTESIA, NM

August 09, 1993

Hanson Operating Company, Inc.
P.O. Box 1515
Roswell, N.M. 88202

RE: Benson Shugart waterflood unit # 7

Gentlemen:

The following is a Deviation Survey on the above referenced well located in Eddy County, New Mexico.

520' - 1/2°	2230' - 1 1/4°
758' - 3/4°	2613' - 1°
1247' - 1°	3126' - 1/2°
1739' - 1°	3501' - 1/2°
	3550' - 1/2°

Sincerely,


Gary W. Chappell
Contracts manager

STATE OF NEW MEXICO)
COUNTY OF CHAVES)

The foregoing was acknowledged before me this 09th day of August 1993 by Gary W. Chappell.

MY COMMISSION EXPIRES

October 07, 1996


NOTARY PUBLIC