

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other in-
structions 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 ☐ Helium ☐ DIFF. RESVR. ☐ Other ☐

2. NAME OF OPERATOR

S. E. R. H., Inc.

3. ADDRESS OF OPERATOR

P. O. Box 312, Otis, Kansas 67565

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

At surface 1850' fsl; 795' fwl NW/4 SW/4 Unit L

At top prod. interval reported below

Same

At total depth

14. PERMIT NO.

DATE ISSUED

85

Approval 7/25/

12. COUNTY OR PARISH

San Juan

13. STATE

New Mexico

15. DATE SPUDDED

8-21-85

16. DATE T.D. REACHED

9-11-85

17. DATE COMPL. (Ready to prod.)

10-7-85

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

5926' Gr.; 5939' KB

19. ELEV. CASINGHEAD

5927'

20. TOTAL DEPTH, MD & TVD

6142'

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

6100'

22. IF MULTIPLE COMPL., HOW MANY*

2

23. INTERVALS DRILLED BY

ROTARY TOOLS

All

CABLE TOOLS

None

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

Mississippian 6011' to 6080' 20' net

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

Gearhart - DIL; Gr. D/N; BCS; MSFL; CBL

27. WAS WELL CORED

Yes

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8"	68.0 New	73'	17-1/2"	100 sx. Cl. B to surface	0
8-5/8"	24.0 New	1487' J	12-1/4"	780 sx. Cl. B to surface	0
5-1/2"	15.5 New	6142' K	7-7/8"	450 sx. 50/50 Poz 1st. stg.	0
2nd. Stage collar @ 3972'				800 sx. HOWCO-Lite & 216 sx. 50/50 Poz.	0

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
	None				1 1/2" EUE	6075	Bkr. R-3 4089'
					1 1/4" IJ	3889	-

31. PERFORATION RECORD (Interval, size and number)

Mississippian 6011' to 22' & 6071' to 80'. Total 20' w/40 DML-23 jets (0.42") by Gearhart

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
6011' - 80'	300 gal. MSA (breakdown)
" "	5000 gal. 28% HCl. gelled & 20 ball sealers

33.* PRODUCTION

DATE FIRST PRODUCTION PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) WELL STATUS (Producing or shut-in)
Flow SI for Pipeline connection

DATE OF TEST *	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
FLOW. TUBING PRESS. 1700 psig	CASING PRESSURE Under packer	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) *Propose to test into sales

TEST WITNESSED BY

line upon connection.

35. LIST OF ATTACHMENTS

Core Lab Core Report & HOWCO DST Report. Logs were sent direct by Gearhart

Deviation Survey Affidavit will be sent in separately

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

SIGNED

John M. Heller

Consultant

DATE October 9, 1985

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

OIL CON. DIV. NMOCG
DIST. 3

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 TEST, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Organ Rock	3754	4147	Cored from 3784' to 3966' See Core Lab attachment	Dakota	130'	Same
"	"	"	DST #1 by HOWCO. 3776' to 3967'; Rec. 475' Slight gas cut mud. Very light blow during test. See HOWCO Report attached.	Morrison	350'	"
				Entrada	1450'	"
				Navajo	1820'	"
				Kayenta	2180'	"
				Wingate	2360'	"
Mississippian	5940'	6082	Cored from 5942' to 6112' See Core Lab Attachment	Chinle	2530'	"
			Flowed inert gases after stimulation from perf.'s 6011'-22' & 6071'-80'.	Shinarump	2880'	"
				Moenkopi	2980'	"
				DeChelly	3154'	"
				Organ Rock	3754'	"
				Cutler	4147'	"
				Hermosa	4868'	"
				Ismay	5366'	"
				Desert Creek	5458'	"
				Akah	5560'	"
				Barker Creek	5637'	"
				Molas	5906'	"
				Mississippian	5940'	"
				Devonian	6082'	"
				TD (SLM)	6142'	"