

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY(See other in-
structions on
reverse side)

5. LEASE DESIGNATION AND SERIAL NO.

NM-0516714

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Kaiser Lake Unit

8. FARM OR LEASE NAME

Kaiser Lake Unit

9. WELL NO.

No. 1

10. FIELD AND POOL, OR WILDCAT

Wildcat

11. SEC., T., R., M., OR BLOCK AND SURVEY
OR AREASec. 31, T-18-S, R-27-
NMPM12. COUNTY OR
PARISH

Lddy

13. STATE

New Mexico

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 Plug

2. NAME OF OPERATOR

Hondo Drilling Company ✓

RECEIVED

3. ADDRESS OF OPERATOR

P. O. Box 116, Midland, Texas 79701

OCT 12 1973

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

At surface 660' FN & 545' FWL of Sec. 31, T-18-S, R-27-E, NMPM

O. C. C.
ARTESIA, OFFICE

At top prod. interval reported, below, None

At total depth 6558'

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED

8-30-73

16. DATE T.D. REACHED

9-22-73

17. DATE COMPL. (Ready to prod.)

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

3291' KB

19. ELEV. CASINGHEAD

3280'

20. TOTAL DEPTH, MD & TVD

6558'

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

Surface

22. IF MULTIPLE COMPL.,
HOW MANY*23. INTERVALS
DRILLED BY

ROTARY TOOLS

6558' →

CABLE TOOLS

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

Dry Hole

25. WAS DIRECTIONAL
SURVEY MADE

Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

Gamma Ray - Sidewall Neutron

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"	48#	335'	17-1/2"	Circulated	None
8-5/8"	24#	1121'	11"	Circulated	None

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)

None - Dry Hole

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)	
None		Dry Hole				Plugged	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
			→				
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.)

35. LIST OF ATTACHMENTS

Sample Analysis & Deviation Survey

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

SIGNED

TITLE

President

DATE October 9, 1973

*(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 POROSITY ZONES:
SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF: CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTS, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
	0	335	Sandstone, Limestone & Anhydrite
	335	570	Anhydrite
	570	660	Anhydrite & Sandstone
	660	960	Anhydrite, Dolomite & Sandstone
	960	1310	Dolomite & Sandstone
	1310	1440	Dolomite, Sandstone & Shale
	1440	2770	Dolomite, Anhydrite, & Chert
	2770	3680	Dolomite, Sandy Dolomite & Chert
	3680	4350	Limestone & Dolomite
	4350	5030	Sandstone, Dolomite, Limestone & Chert
	5030	6193	Limestone & Shale
	6193	6558	Dolomite

The only significant porosity indicated by the SW-N porosity log was in the lower Grayburg between 1148 & 1302'. A part of this section was cored from 1249 to 1294', had light oil stain from 1247-1259' but was not tested.

DST #1 3210-3400' Op. 1 1/2 hrs. Rec. 300' SOC drlg. mud. I.H.P. 1556#, I.F.P. 139-166#, F.F.P. 145-192#, 1 hr. FSIP 669#, F.H.P. 1549#.
DST #2 6150-6250' Op. 1 hr. Rec. 40' drilling mud. I.H.P. 2984#, 45 min. I.S.I.P. 21#, I.F.P. 10-10#, F.F.P. 10-10#, 1 hr. F.S.I.P. 21#, F.H.P. 2984#.

38. GEOLOGIC MARKERS

NAME	MEAS. DEPTH	TRUE VERT. DEPTH
SJ Sidewall		
Neutron Poros. Log		
T. Bowers Sd.	338	Deviation 1/40 @ 335'
T. Queen Sd.	607	1/40 @ 958'
T. Grayburg Dolo.	954	1/20 @ 1121'
T. Premier Sd.	1247	1/20 @ 1620'
T. San Andres Dolo.	1304	1/20 @ 1819'
T. Lovington Sd.	1420	1/20 @ 2395'
T. Glorieta Sd.	2956'	3/40 @ 2872'
T. Bone Spring		1 1/2 @ 3023'
Ls.		1 1/2 @ 3400'
T. 1st Bone Spr. Sd.	3668'	1/20 @ 3810'
Sd.	4263	1 1/2 @ 4292'
T. 2nd Bone Spr. Sd.	4639'	1-3/40 @ 4710'
Sd.	6193	20 @ 4800'
T. Abo Dolo.	6555	20 @ 5891'
T.D.		1-3/40 @ 6250'