

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYDrawn DDN DUPLICATE
Artesia, NMForm approved. 5/1/82
Budget Bureau No. 42-R5556

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 ☐

2. NAME OF OPERATOR

Chama Petroleum Company

3. ADDRESS OF OPERATOR

5447 Glen Lakes Dr., Dallas, Texas 75231

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

At surface 1980' FSL & 1980' FEL, Sec. 3, T-20-S, R-25-E

At top prod. interval reported below Same

At total depth Same

CONFIDENTIAL

14. PERMIT NO. DATE ISSUED

Till 9/9/82

15. DATE SPUNDED 12-13-81 16. DATE T.D. REACHED 1-16-82 17. DATE COMPL. (Ready to prod.) 2-28-82 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3435 GL/3451 KB 19. ELEV. CASINGHEAD 3435

20. TOTAL DEPTH, MD & TVD 9800 21. PLUG, BACK T.D., MD & TVD 9718 22. IF MULTIPLE COMPL., HOW MANY* - 23. INTERVALS DRILLED BY - ROTARY TOOLS 9800 CABLE TOOLS -

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 9448-9464 Morrow 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN
CNL-FDC; DLL-MSFL; RFT27. WAS WELL CORED
No

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#	366	17 7/8	375 sks, circ. 175 sks.	None
8 5/8	24#	1350	11	500 sks, circ. 200 sks.	None
5 1/2	17#	9800	7 7/8	1st stage: 750 sks & 2nd stage: 850 sks	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8	9465	9464
					N-80		

31. PERFORATION RECORD (Interval, size and number)

9448-9464
64 - 0.50" Dia. Holes

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
None	None

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in) Shut-In, Waiting on Pipeline (El Paso)	
		Flowing					
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
2-26-82	2 hrs.	10/64	→	0	175	0	na
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
3657	Packer	→	0	2100	0	na	

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

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

Deviation Survey; CNL-FDC; DLL-MSFL; RFT

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

SIGNED
U.S. GEOLOGICAL SURVEY

TITLE President

DATE April 5, 1982

POSWELL, NEW MEXICO (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 POROUS ZONES: 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	MEAS. DEPTH	TRUE VERT. DEPTH
Grayburg	484	702	Sand - Slight oil show in samples	Grayburg	484	484
Yeso	2325	3155	Dolomite - Slight gas on Mud Loggers Detector	San Andres	775	775
Atoka Clastics	9018	9028	Sand - Gas	Yeso	2325	2325
Morrow Clastics	9446	9500	Sand - Gas	Tubb	3155	3155
				Bone Springs	4003	4003
				3rd Bone Springs	6288	6288
				Wolfcamp	6580	6580
				Cisco	7718	7718
				Strawn	8380	8380
				Atoka	8699	8699
				Atoka Clastics	8983	8983
				Morrow Lime	9162	9162
				Morrow Clastics	9382	9382
				Barnett	9605	9605



HCW DRILLING CORP.

P. O. Box 10585
Suite 200
601 N. Loraine Street
Midland, Texas 79702
(915) 683-3303

INCLINATION REPORT

OPERATOR: Chama Petroleum Company
5447 Glen Lakes Drive
Dallas, Texas 75231

LOCATION: Huber Federal #1
Eddy Co. New Mexico

DEPTH FEET	INCLINATION DEGREES	DEPTH FEET	INCLINATION DEGREES
229	1	5278	2
366	2	5398	1-3/4
562	3/4	5593	2
1075	1/4	5686	2
1350	1/4	5779	1-1/4
1856	1/2	5868	1-3/4
2352	1/2	5960	1
2897	1	6080	3/4
3351	3/4	6504	1
3836	1	6989	1/4
4005	1	7552	1-1/4
4529	2	8037	1-1/2
4729	2-1/2	8551	3/4
4832	2-1/4	9004	1-1/2
4953	2-1/2	9156	1
5002	2-3/4	9600	1
5093	2-1/2	9800	1/2
5182	2-1/2		

COUNTY OF MIDLAND
STATE OF TEXAS

The undersigned states that he has knowledge of the facts and matter herein set forth and that the same are true and correct.

Jerry Campbell
Jerry Campbell, Drilg. Supt.

SUBSCRIBED AND SWORN TO BEFORE ME THIS 25th day of January 1982

My commission expires June 19, 1985

Martina L. McCaskey
Notary Public