

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See instructions on
reverse side)Copy to 5-1
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 ☐ DIFF. RESVR. ☐ Other <u>Temp. abandoned</u>					
2. NAME OF OPERATOR Michael P. Grace					
3. ADDRESS OF OPERATOR P. O. Box 1418, Carlsbad, New Mexico 88220					
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1980 FNL & 1980 FWL Section 13, T25S, R26E At top prod. interval reported below At total depth					
14. PERMIT NO.			DATE ISSUED		
15. DATE SPUDDED 11/30/73		16. DATE T.D. REACHED 9/13/74		17. DATE COMPL. (Ready to prod.)	
20. TOTAL DEPTH, MD & TVD 1987		21. PLUG, BACK T.D., MD & TVD		22. IF MULTIPLE COMPL., HOW MANY*	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*		23. INTERVALS DRILLED BY →		18. ELEVATIONS (DF, REB, BT, OR, ETC.)* 3236	
26. TYPE ELECTRIC AND OTHER LOGS RUN Compensated Densilog		25. WAS DIRECTIONAL SURVEY MADE? No		19. ELEV. CASINGHEAD	
27. WAS WELL CORED		28. WAS WELL CEMENTED		29. WAS WELL TESTED	
23. 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	72#	147	17 1/2	310 Tr.lt.w/flo seal & gilsonite & 125 sks C1 "C" w/2% caci.	circ. 25 sks
29. LINER RECORD					
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	
30. TUBING RECORD					
SIZE	DEPTH SET (MD)	PACKER SET (MD)			
31. PERFORATION RECORD (Interval, size and number)					
32. ACID SHOT, FRACTURE, GEL PERMEABLE 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)
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)					
35. LIST OF ATTACHMENTS					
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records					
SIGNED		TITLE		DATE	
Agent		Agent		4/16/75	

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

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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.), forms and/or State office. See instructions on items 22 and 24, and 36, below regarding separate reports. All attachments should be accompanied by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on item 20. List all elevations used.

Additional interval to be separately produced, interpreted and the location of the cementing zone. (See instruction for items 22 and 24 above).

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 zone. (See instruction for items 22 and 24 above).

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37. SUMMARY OF POROUS ZONES, CORED INTERVALS, AND ALL DRILL-STEM TESTS, INCLUDING NO. 1

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Figure 1. The structure of the proposed model. The model consists of three main components: a feature extraction module, a classification module, and a fusion module. The feature extraction module takes input data and processes it through a series of layers (Conv1, Conv2, Conv3, Conv4, Conv5, Conv6, Conv7, Conv8, Conv9, Conv10, Conv11, Conv12, Conv13, Conv14, Conv15, Conv16, Conv17, Conv18, Conv19, Conv20, Conv21, Conv22, Conv23, Conv24, Conv25, Conv26, Conv27, Conv28, Conv29, Conv30, Conv31, Conv32, Conv33, Conv34, Conv35, Conv36, Conv37, Conv38, Conv39, Conv40, Conv41, Conv42, Conv43, Conv44, Conv45, Conv46, Conv47, Conv48, Conv49, Conv50, Conv51, Conv52, Conv53, Conv54, Conv55, Conv56, Conv57, Conv58, Conv59, Conv60, Conv61, Conv62, Conv63, Conv64, Conv65, Conv66, Conv67, Conv68, Conv69, Conv70, Conv71, Conv72, Conv73, Conv74, Conv75, Conv76, Conv77, Conv78, Conv79, Conv80, Conv81, Conv82, Conv83, Conv84, Conv85, Conv86, Conv87, Conv88, Conv89, Conv90, Conv91, Conv92, Conv93, Conv94, Conv95, Conv96, Conv97, Conv98, Conv99, Conv100) to extract features. The classification module uses these features to classify the input data. The fusion module combines the results of the classification module with other information to produce the final output.

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