

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 ☐	DIFF. RESVR. ☐	Other ☐
2. NAME OF OPERATOR CONOCO INC.							
3. ADDRESS OF OPERATOR PO BOX 460 HOBBS NM 88240							
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1490' FNL + 1150' FEL UN 24 At top prod. interval reported below At total depth							
14. PERMIT NO. 30-039-24272				DATE ISSUED JAN 06 1989			
15. DATE SPUDDED 9-1-88		16. DATE T.D. REACHED 9-26-88		17. DATE COMPL. (Ready to prod.) 10-12-88		18. ELEVATIONS (DF, RES, RT, GR, ETC.)* 7192' KB	
20. TOTAL DEPTH, MD & TVD 8073'		21. PLUG, BACK T.D., MD & TVD 8019		22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY ROTARY TOOLS YES	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 7660'-7880' DAKOTA 6820'-7092' GALLUP W. Lincheth Gallup Dakota						19. ELEV. CASINGHEAD —	
26. TYPE ELECTRIC AND OTHER LOGS RUN SP. DIL - SFL; GR CAL - CAL - FOC						25. WAS DIRECTIONAL SURVEY MADE YES	
27. WAS WELL CORED NO							
28. CASING RECORD (Report all strings set in well)							
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE	
5 1/2"		17#		8073'		7 7/8"	
8 3/4"		24#		405'		11"	
29. LINER RECORD							
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*	
30. TUBING RECORD							
SIZE		DEPTH SET (MD)		PACKER SET (MD)			
2 7/8"		6954'					
31. PERFORATION RECORD (Interval, size and number)							
7660'-7880' DAKOTA 32 PERFS - 13SP							
6820'-7092' 15SP 30 TOTAL GALLUP							
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.							
DEPTH INTERVAL (MD)				AMOUNT AND KIND OF MATERIAL USED			
7660'-7880'				33 BLS + 7 1/2% HCL - NE FE 95KG.			
				FRAC 95000 GALS 30# WTR 100KG.			
				W/ 100,000 LBS SAND			
6820'-7092'				34 BLS 7 1/2% HCL - NE FE			
33. PRODUCTION							
DATE FIRST PRODUCTION 11-21-88		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) FLOWING					
DATE OF TEST 12-4-88		HOURS TESTED 24		CHOKE SIZE		PROD'N. FOR TEST PERIOD	
FLOW. TUBING PRESS.		CASING PRESSURE		CALCULATED 24-HOUR RATE		OIL GRAVITY-API (CORR.)	
150 PSI		330 PSI					
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) SOLD							
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 M. Simpson		TITLE Adm. Supervisor					
		DATE 12-13-88					

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

BLM - Farmington

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.), formations 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 33.

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:				38. GEOLOGIC MARKERS		
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						
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	
					TRUE VERT. DEPTH	
				Djo Alamo	2968'	+ 4223'
				Kirkland	3129'	+ 4062'
				Fruitland	3280'	+ 3911'
				Pictured Cliffs	3503'	+ 3688'
				Chacra	4380'	+ 2811'
				Cliff House	5174'	+ 2017'
				Mane Fee	5201'	+ 1990'
				Point Lookout	5656'	+ 1555'
				Gallup	6810'	+ 381'
				Greenhorn	7579'	- 388'
				Graneros	7639'	- 448'
				Dakota	7658'	- 467'
				Morrison	7900'	- 709'

EXECUTIVE SUMMARY

Operator CONOCO INC.					Lease JICARILLA 20		Well No. 13
Unit Letter H	Section 20	Township 25N	Range 4W	County Rio Arriba			
Actual Footage Location of Well:							
1490		feet from the North		line and 1150		feet from the East line	
Ground Level Elev. 7192	Producing Formation Gallup Dakota		Pool West Lindrith			Dedicated Acres 160	

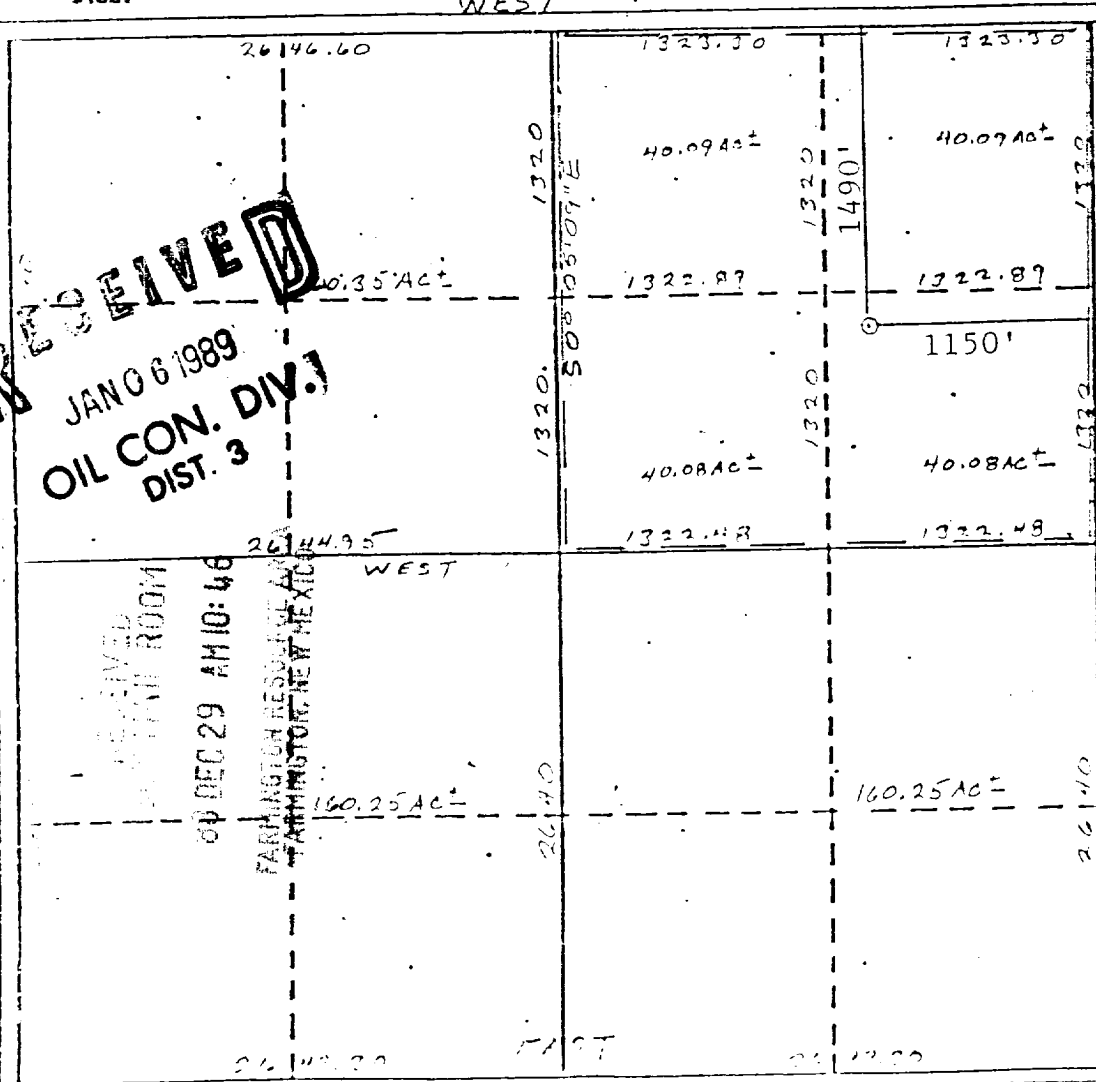
1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been communitized by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.)

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.

WEST



CERTIFICATION

I hereby certify that the information
contained herein is true and complete
to the best of my knowledge and belief.

Name: _____

D.F.F

Position

Adm. Supervisor

Company

Conoco Inc.

Date _____

6/17/88

I hereby certify that the well known as this plot was plotted from notes of actual surveys made by me under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Data Surveyed

April 14, 1988

Registered Professional Engineer
and/or Land Surveyor

Cecil B. Tullis

Certificate No.

• 9672