

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other in-
structions on
reverse side)Form approved
Budget Bureau No. 41-R3553

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other ☐		1. UNIT AGREEMENT NAME Central Bisti Lower Gallup Uni																															
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other ☐		2. FARM OR LEASE NAME																															
2. NAME OF OPERATOR Hixon Development Company		9. WELL NO. 81																															
3. ADDRESS OF OPERATOR P.O. Box 2810, Farmington, New Mexico 87401		10. FIELD AND POOL, OR WILDCAT Bisti Lower Gallup																															
4. LOCATION OF WELL (Report location clearly and in accordance with any State regulations) At surface 660' FSL, 1980' FWL, Section 31, T26N, R12W At top prod. interval reported below At total depth		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Section 31, T26N, R12W																															
14. PERMIT NO. GEOLOGICAL SURVEY U. S. GEOLOGICAL SURVEY FARMINGTON, N. M.		12. COUNTY OR PARISH San Juan																															
15. DATE SPUDDED 4/12/82		13. STATE NM																															
16. DATE T.D. REACHED 4/19/82		19. ELEV. CASINGHEAD 6162 KB																															
17. DATE COMPLETION (Ready to prod.) 5/7/82		18. ELEVATIONS (DF, RKB, RT, GR, ETC.) 6162' GLE 6175 KB																															
20. TOTAL DEPTH, MD & TVD 5100'		22. IF MULTIPLE COMPL., HOW MANY none																															
21. PLUG BACK T.D., MD & TVD 5042.68' KB		23. INTERVALS DRILLED BY ROTARY TOOLS X CABLE TOOLS																															
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 4834'-60' Bisti Lower Gallup		25. WAS DIRECTIONAL SURVEY MADE yes																															
26. TYPE ELECTRIC AND OTHER LOGS RUN Induction Electric, Compensated Density-Gamma Ray		27. WAS WELL CORED no																															
28. CASING RECORD (Report all strings set in well)																																	
<table border="1"><thead><tr><th>CASING SIZE</th><th>WEIGHT, LB./FT.</th><th>DEPTH SET (MD)</th><th>HOLE SIZE</th><th>CEMENTING RECORD</th><th>AMOUNT PULLED</th></tr></thead><tbody><tr><td>8-5/8"</td><td>24#</td><td>218.65'</td><td>12-1/4"</td><td>225 sx - circulated to surface</td><td></td></tr><tr><td>4-1/2"</td><td>10.5#</td><td>5086.21'</td><td>7-7/8"</td><td>525 sx</td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td></tr></tbody></table>				CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED	8-5/8"	24#	218.65'	12-1/4"	225 sx - circulated to surface		4-1/2"	10.5#	5086.21'	7-7/8"	525 sx													
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED																												
8-5/8"	24#	218.65'	12-1/4"	225 sx - circulated to surface																													
4-1/2"	10.5#	5086.21'	7-7/8"	525 sx																													
29. LINER RECORD																																	
<table border="1"><thead><tr><th>SIZE</th><th>TOP (MD)</th><th>BOTTOM (MD)</th><th>SACKS CEMENT*</th><th>SCREEN (MD)</th></tr></thead><tbody><tr><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td></tr></tbody></table>				SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)																									
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)																													
30. TUBING RECORD																																	
<table border="1"><thead><tr><th>SIZE</th><th>DEPTH SET (MD)</th><th>PACKER SET (MD)</th></tr></thead><tbody><tr><td>2-3/8"</td><td>5084'</td><td>4480'</td></tr></tbody></table>				SIZE	DEPTH SET (MD)	PACKER SET (MD)	2-3/8"	5084'	4480'																								
SIZE	DEPTH SET (MD)	PACKER SET (MD)																															
2-3/8"	5084'	4480'																															
31. PERFORATION RECORD (Interval, size and number) 4834'-60' 3-1/8" JSPF 53 holes																																	
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. <table border="1"><thead><tr><th>DEPTH INTERVAL (MD)</th><th>AMOUNT AND KIND OF MATERIAL USED</th></tr></thead><tbody><tr><td>4834'-60'</td><td>60,858 gallons 2% KCl slick water and 50,000# 20-40 sand</td></tr></tbody></table>				DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED	4834'-60'	60,858 gallons 2% KCl slick water and 50,000# 20-40 sand																										
DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED																																
4834'-60'	60,858 gallons 2% KCl slick water and 50,000# 20-40 sand																																
33. PRODUCTION																																	
<table border="1"><thead><tr><th>DATE FIRST PRODUCTION</th><th>PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)</th><th>WELL STATUS (Producing or shut-in)</th></tr></thead><tbody><tr><td>5/7/82</td><td>Pumping</td><td>Producing</td></tr></tbody></table>				DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)	5/7/82	Pumping	Producing																								
DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)																															
5/7/82	Pumping	Producing																															
<table border="1"><thead><tr><th>DATE OF TEST</th><th>HOURS TESTED</th><th>CHOKE SIZE</th><th>PROD'N. FOR TEST PERIOD</th><th>OIL—BBL.</th><th>GAS—MCF.</th><th>WATER—BBL.</th><th>GAS-OIL RATIO</th></tr></thead><tbody><tr><td>5/21/82</td><td>24</td><td></td><td></td><td>38</td><td>9</td><td>3</td><td>236</td></tr></tbody></table>				DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO	5/21/82	24			38	9	3	236														
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO																										
5/21/82	24			38	9	3	236																										
<table border="1"><thead><tr><th>FLOW. TUBING PRESS.</th><th>CASING PRESSURE</th><th>CALCULATED 24-HOUR RATE</th><th>OIL—BBL.</th><th>GAS—MCF.</th><th>WATER—BBL.</th><th>OIL GRAVITY-API (CORR.)</th></tr></thead><tbody><tr><td></td><td></td><td></td><td>38</td><td>9</td><td>3</td><td>39°</td></tr></tbody></table>				FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)				38	9	3	39°																
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)																											
			38	9	3	39°																											
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Used on lease																																	
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 <u>William L. Lerner</u> TITLE <u>Petroleum Engineer</u> DATE <u>5/26/82</u>																																	

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

NMOCG

FARMINGTON DISTRICT

RV

5/26/82

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:			38. GEOLOGIC MARKERS	
FORMATION	TOP	BOTTOM	NAME	MEAN DEPTH
Pictured Cliffs	1161'			
Lewis	1332'			
Cliffhouse	1492'			
Menefee	2591'			
Point Lookout	3636'			
Mancos	3822'			
Upper Gallup	4732'			
Lower Gallup	4828'			

DESCRIPTION, CONTENTS, ETC.



Cemented 4 1/2" casing as follows: Mix and pump 75 sacks Class B 65:35 Litepoz 6 with 12% Bentonite and 1/4# sack Cellophane flakes. Follow with 35 bbl mud and 20 bbl CW-100 chemical wash. Mix and pump 300 sacks 50:50 Litepoz 6 containing 6% gel and 1/4# sack Cellophane flakes and 2% CaCl. Tail in with 150 sacks Class B cement with 1/4# sack cellophane and 2% CaCl. Displace cement with 80.4 BW. Full returns were observed, throughout cementing operations. Cement columns are as follows: TD to 2395' and 1300' - 700'. Shut in, waiting on completion.

