

NO. OF COPIES RECEIVED
DISTRIBUTION
SANTA FE
FILE
U.S.G.S.
LAND OFFICE
OPERATOR

Form O-101
Revised 11-68

NEW MEXICO OIL CONSERVATION COMMISSION WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1. Name of the Type of Lease	2. Lease No.
3. Name of the Lease	4. Lease No.
5. Lease No.	

1. TYPE OF WELL	2. TYPE OF COMPLETION
OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐	NEW ☒ REPAIR ☐ DEEPEN ☐ PULL BACK ☐ REPAIR ☐ OTHER ☐

3. Name of the Operator	4. Name of the Well
Holly Energy, Inc.	
5. Address of the Operator	6. Name of the Field
P.O. BOX 726 Artesia, New Mexico 88210	Young Bone Springs North Field

7. Name of the Field
8. Name of the Lease
9. Name of the Well
10. Name of the Field

11. Location of the Well
UNIT LETTER: 1 LOCATED: 2080 FEET FROM THE South NEAR 660 FEET FROM

12. Direction of the Well
THE West LINE OF SEC. 2 TWP. 18-S. RGE. 32-E. LEA

13. Date Spudded	14. Date First Production	15. Date Completion (Ready to Produce)	16. Production (BBL, RKB, M, GR, etc.)	17. Elev. Completion
6-23-83	7-25-83	8-13-83	3871.6	3870.6

18. Total Depth	19. Total Back Flow	20. Multiple Completions	21. Interval	22. Rotary Tools	23. Cable Tools
8640	8561	Many	0-10		
24. Production (BBL, RKB, M, GR, etc.) at this completion - Top, bottom, none					
8508-8518 2nd Bone Springs					
25. Type of Completion (CDL, CNL, DLL, MLL)					
CDL/CNL DLL/MLL					

26. Name of the Field
27. Name of the Lease
28. Name of the Well
29. Name of the Field

CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB. FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8"	48#	653	17 1/2	750 sacks	None
8 5/8"	24# & 32#	4490	11	1600 sacks	None
4 1/2"	11.6 & 10.5	8637	7 7/8	950 sacks	None

LINER RECORD				TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SIZE	DEPTH SET	PACKER SET
				2 3/8"	8500	

30. Location of the Well	31. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.
8508-8518- 50 40 holes	
32. DEPTH INTERVAL	33. AMOUNT AND KIND MATERIAL USED
8508-8518	5000 gal. 20% HCL

34. PRODUCTION							
35. Date First Production		36. Production Method (Flowing, gas lift, pumping - size and type pump)				37. Well Status (Prod. or Shut-in)	
8-16-83		Pumping 1 1/2 x 16' Pump				Prod.	
38. Date of Test	39. Hours Tested	40. Casing Size	41. Production (BBL, RKB, M, GR, etc.)	42. Oil - BBL	43. Gas - MCF	44. Water - BBL	45. Gas - Oil Ratio
8-18-83	24		45	TSTM		0	
46. Well Testing Pressure	47. Casing Pressure	48. Production (BBL, RKB, M, GR, etc.)	49. Oil - BBL	50. Gas - MCF	51. Water - BBL	52. Gas - Oil Ratio	53. Well Greasy - All (Corr.)
	V	45	TSTM		0	38.6	
54. Description of test (Solid, acid, fuel, vented, etc.)						55. Test Witnessed by	
						Rob Loyd	

56. List of Attachments
2-DDL/MLL/GR 2-CDL/CNL/GR 2-CBL/GR 2-Degree Inclination

I hereby certify that the information shown on both sides of this form is true and accurate to the best of my knowledge and belief.	
SIGNED	DATE
Production Superintendent	8-26-83

INSTRUCTIONS

This form is to be filled with the appropriate data from the log of the formation not later than 2 days after the completion of any newly-drilled or re-drilled well. It should be filled out by the operator of the well, and a summary of all special tests completed, including the results of geophysical tests, should be included. In the case of hydraulically-fractured wells, the vertical depth shall be indicated. For multiple completions, there shall be one form for each completion. The form is to be filed in quadruplicate except on re-drilled wells, where only duplicate is required. See Rule 11.1.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

T. Anhy. _____	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. Strawn _____	T. Ruidoso-Fruitland _____	T. Penn. "C" _____
H. Salt _____	T. Aboka _____	T. Fractured Cliffs _____	T. Penn. "D" _____
T. Yates <u>2685</u>	T. Miss _____	T. Cliff House _____	T. Lovellville _____
T. T. Rivers _____	T. Devonian _____	T. Menard _____	T. Madison _____
T. Queen <u>3890</u>	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg <u>4330</u>	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres <u>750</u>	T. Simpson _____	T. Gallup _____	T. Ignacio Quartz _____
T. G. Quartz _____	T. M. Kee _____	Rio Grande _____	T. Granite _____
T. Paducah _____	T. Ellenburger _____	T. Dolato _____	T. _____
T. Blinn _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Taft _____	T. Granite _____	T. Todillo _____	T. _____
T. Dunkard _____	T. Delaware Sand <u>5168</u>	T. Entrada _____	T. _____
T. Alamo _____	T. Bone Springs <u>6048</u>	T. Wingate _____	T. _____
T. Wilcox _____	T. 1st Bone Springs <u>7912</u>	T. Chale _____	T. _____
T. Penn. _____	T. _____	T. Fortson _____	T. _____
T. Cisco-Bapt. C. _____	T. _____	T. Penn. "A" _____	T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from <u>5508</u> to <u>5518</u>	No. 4, from _____ to _____
No. 2, from _____ to _____	No. 5, from _____ to _____
No. 3, from _____ to _____	No. 6, from _____ to _____

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from _____ to _____ feet	_____
No. 2, from _____ to _____ feet	_____
No. 3, from _____ to _____ feet	_____
No. 4, from _____ to _____ feet	_____

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	2685		Anhy. & sand	8100	8550		dole.
2685	3900		Dole.	8500	ID		sand and shale
3900	5300		Dole. and sand				
5300	6000		Sand				
6000	6400		Limestone				
6400	6900		Dole.				
6900	7800		Limestone and Chert				
7800	8100		Dole, Sand and Shale				

INCLINATION REPORT

OPERATOR HOLLY ENERGY ADDRESS DIAMOND SHAMROCK TOWER, SUITE 2600
DALLAS, TEXAS 75201

LEASE NAME AZTEC DOS STATE WELL NO. 1 FIELD

LOCATION LEA COUNTY, NEW MEXICO

DEPTH	ANGLE INCLINATION DEGREES	DISPLACEMENT	DISPLACEMENT ACCUMULATED
405	$\frac{1}{2}$	3.5235	3.5235
654	$\frac{1}{2}$	2.1663	5.6898
998	$1\frac{1}{4}$	7.4992	13.1890
1507	$1\frac{1}{2}$	13.3358	26.5248
1997	$1\frac{1}{2}$	12.8380	39.3628
2480	$1\frac{1}{2}$	12.6546	52.0174
2995	$1\frac{3}{4}$	15.7075	67.7249
3495	$3\frac{3}{4}$	6.5500	74.2749
3998	1	8.8025	83.0774
4490	$1\frac{1}{4}$	10.7256	93.8030
4963	$1\frac{1}{2}$	12.3926	106.1956
5466	2	17.5547	123.7503
5969	$2\frac{1}{4}$	19.7679	143.5182
6227	$2\frac{1}{2}$	11.2488	154.7670
6339	3	5.8576	160.6246
6432	$3\frac{1}{4}$	5.2731	165.8977
6495	$3\frac{1}{4}$	3.5721	169.4698
6590	3	4.9685	174.4383
6962	$2\frac{3}{4}$	17.8560	192.2943
7494	$2\frac{1}{2}$	21.8872	214.1815
7776	$2\frac{3}{4}$	14.9760	229.1575
8489	3	37.2899	266.4474
8640	$2\frac{1}{4}$	5.9343	272.3817

I hereby certify that the above data as set forth is true and correct to the best of my knowledge and belief.

CACTUS DRILLING COMPANY

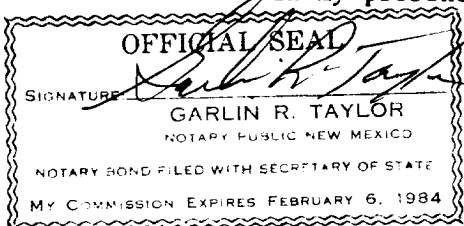
Debbie Clark
 TITLE DEBBIE CLARK, OFFICE MANAGER

AFFIDAVIT:

Before me, the undersigned authority, appeared DEBBIE CLARK known to me to be the person whose name is subscribed herebelow, who, on making deposition, under oath states that he is acting for and in behalf of the operator of the well identified above, and that to the best of his knowledge and belief such well was not intentionally deviated from the true vertical whatsoever.

Debbie Clark
 AFFIANT'S SIGNATURE

Sworn and subscribed to in my presence on this the 26TH day of JULY, 1983



SEAL

Notary Public in and for the County
of Lea, State of New Mexico