

Form approved. C/S
Budget Bureau No. 1004-0137
Expires August 31, 1985

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

Hondo Oil & Gas Company

3. ADDRESS OF OPERATOR

P. O. Box 2208, Roswell, NM 88202

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

At surface

990' FNL & 2310' FWL

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

7. TYPE OF AGREEMENT

East Shugart Unit

8. FARM OR LEASE NAME

East Shugart

9. WELL NO.

34

10. FIELD AND POOL, OR WILDCAT

Shugart Yates, 7R-Qn-Grbg

11. SEC. T., R., M., OR BLOCK AND SURVEY OR AREA

Sec.3-T19S-R31E

12. COUNTY OR PARISH

Eddy Co., NM

13. STATE

15. DATE SPUDDED

10-10-90

16. DATE T.D. REACHED

10-18-90

17. DATE COMPL. (Ready to prod.)

1/01/91

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*

3615.5' GR

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

4001'

21. PLUG, BACK T.D., MD & TVD

3955'

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

0-4001'

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

2680'-2703' Yates NOTE: RBP set @ 2821'

25. WAS DIRECTIONAL SURVEY MADE

NA

26. TYPE ELECTRIC AND OTHER LOGS RUN

LDT/DNL, DLL/RXO

27. 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
8 5/8"	24#	950'	12 1/4"	500sx Premium Plus, Circ	
				140sx to surface.	
5 1/2"	15.5#	4001'	7 7/8"	1000sx Lite + 400sx Premium	
				Plus, circ 90sx to surface.	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 7/8"	2784'	

31. PERFORATION RECORD (Interval, size and number) cont. Pg. 2

3793', 94', 95', 96', 3822', 23', 55', 56', 57', 58', 59', 60', 61', 62', 63', 77', 78', 79', 80', 81', 82', 86', 87', 88'(48holes), 3627', 28', 29', 30', 36', 46', 48', 52', 53', 56', 62', 82', 90', 97', 3718', 19',

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3793'-3888'	4000gals 15% NeFe
3627'-3719'	3000gals 15% NeFe
3483'-3534'	3000gals 15% NeFe
3290'-3436'	3000gals 15% NeFe (cont. pg. 2)

33. PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)
01/02/91	Pumping 2 1/2" X 1 1/2" X 16' PAP pump	SI T.A.'d

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
01/03/91	24			0	0	511	

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
			0	0	511	

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

TEST WITNESSED BY

Mike Rogers

35. LIST OF ATTACHMENTS

Logs & deviation survey

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

SIGNED

E. L. Buttfloss, Jr.

TITLE

Petroleum Engineer

DATE

04/02/91

ACCEPTED FOR RECORD

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

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations, or to make any such statement or representation to any matter within its jurisdiction.

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	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
				Rustler	735'	(+2890)
				Yates	2322'	(+1303)
				Seven Rivers	2840'	(+ 785)
				Queen	3180'	(+ 445)
				TD	4001'	

Form 3160-4

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Hondo Oil & Gas Company

East Shugart Unit #34

990' FNL & 2310' FWL, Sec.3-T19S-R31E

Eddy Co., NM

31. Perforation Record (cont.)

(32 holes); 3483', 84', 85', 86', 96', 97', 3506', 14', 15', 16', 17', 18', 33', 34' (28 holes); 3290', 3302', 30', 32', 3405', 06', 18', 27', 30', 36' (20 holes); 2851' 52', 53', 54' (8 holes); 2680', 81', 82', 83', 84', 85', 86', 87', 88', 89', 90', 91', 92', 93', 94', 95', 96', 97', 98', 99', 2700', 01', 02', 03' (48 holes)

32. Acid, Shot, Fracture, Cement Squeeze, Etc. (cont.)

<u>Depth Interval (MD)</u>	<u>Amount and Kind of Material Used</u>
3290'-3888'	50,000 gals 30# gel w/ 100,000# 12-20 sand & 20,000# 12-20 super sand.
2851'-2854'	3000 gals 15% NeFe
2680'-2703'	3000 gals 15% NeFe

**RAILROAD COMMISSION OF TEXAS
OIL AND GAS DIVISION**

Form W-12
(1-1-71)

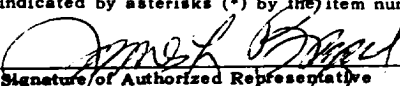
INCLINATION REPORT (One Copy Must Be Filed With Each Completion Report.)		6. RRC District
1. FIELD NAME (as per RRC Records or Wildcat)		7. RRC Lease Number. (Oil completions only)
2. LEASE NAME <p align="center">East Shugart</p>		8. Well Number <p align="center">34</p>
3. OPERATOR <p align="center">Hondo Oil & Gas Company</p>		9. RRC Identification Number (Gas completions only)
4. ADDRESS <p align="center">P. O. Box 2208, Roswell, NM 88201</p>		10. County
5. LOCATION (Section, Block, and Survey)		<p align="center">Crane</p>

RECORD OF INCLINATION

*11. Measured Depth (feet)	12. Course Length (Hundreds of feet)	*13. Angle of Inclination (Degrees)	14. Displacement per Hundred Feet (Sine of Angle X100)	15. Course Displacement (feet)	16. Accumulative Displacement (feet)
490	490	1 1/2	.44	2.16	2.16
954	464	1	1.75	8.12	10.28
1471	517	1	1.75	9.05	19.33
1958	487	1 1/4	2.10	10.67	30.00
2450	492	2	3.50	17.22	47.22
2543	.93	2 1/2	4.38	4.07	51.20
2635	.92	2 1/2	4.38	4.03	55.32
2758	1.23	2 1/4	3.94	4.85	60.17
2878	1.20	2	3.50	4.20	64.37
2976	.98	2	3.50	3.43	67.80
3226	2.50	1 3/4	3.06	7.65	75.45
3717	4.91	1 1/4	2.19	10.75	86.20
4000	2.83	1 1/4	2.19	6.20	92.40

If additional space is needed, use the reverse side of this form.

17. Is any information shown on the reverse side of this form? ☐ yes ☒ no
18. Accumulative total displacement of well bore at total depth of 4000 feet = 92.40 feet.
- *19. Inclination measurements were made in - ☐ Tubing ☐ Casing ☐ Open hole ☒ Drill Pipe
20. Distance from surface location of well to the nearest lease line _____ feet.
21. Minimum distance to lease line as prescribed by field rules _____ feet.
22. Was the subject well at any time intentionally deviated from the vertical in any manner whatsoever? NO
- (If the answer to the above question is "yes", attach written explanation of the circumstances.)

<p>INCLINATION DATA CERTIFICATION</p> <p>I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I am authorized to make this certification, that I have personal knowledge of the inclination data and facts placed on both sides of this form and that such data and facts are true, correct, and complete to the best of my knowledge. This certification covers all data as indicated by asterisks (*) by the item numbers on this form.</p> <p> Signature of Authorized Representative</p> <p><u>James L. Brazeal - President</u> Name of Person and Title (type or print)</p> <p><u>Brazeal, Inc. d/b/a CapStar Drilling</u> Name of Company</p> <p>Telephone: <u>214</u> <u>727-8367</u> Area Code</p>	<p>OPERATOR CERTIFICATION</p> <p>I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I am authorized to make this certification, that I have personal knowledge of all information presented in this report, and that all data presented on both sides of this form are true, correct, and complete to the best of my knowledge. This certification covers all data and information presented herein except inclination data as indicated by asterisks (*) by the item numbers on this form.</p> <p>_____ Signature of Authorized Representative</p> <p>_____ Name of Person and Title (type or print)</p> <p>_____ Operator</p> <p>Telephone: _____ Area Code</p>
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Railroad Commission Use Only:

Approved By: _____ Title: _____ Date: _____

* Designates items certified by company that conducted the inclination surveys.

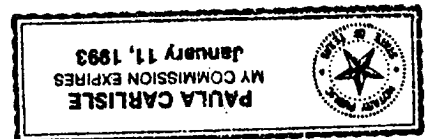
STATE OF TEXAS
COUNTY OF COLLIN }

The attached instrument was acknowledged before me on the

22nd day of October, 1990 by James L. Brazel as

President of BRAZEAL, INC. - d/b/a CAPSTAR DRILLING.

Paula Carlisle - Notary Public



My commission expires: January 11, 1993