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

Form C-105
Revised 11-1-84

RECEIVED BY
OCT 16 1985
O. C. D.
ARTESIA, OFFICE

5a. Indicate Type of Lease
State ☐ Fee ☒
State Oil & Gas Lease No.

1a. TYPE OF WELL
b. TYPE OF COMPLETION
OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER ☐
NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐

7. Unit Agreement Name

8. Farm or Lease Name

Fort 18 Com.

9. Well No.

1

10. Field and Pool, or Wildcat
Und. Atoka

2. Name of Operator

HNG OIL COMPANY

3. Address of Operator

P. O. Box 2267, Midland, Texas 79702

4. Location of Well

UNIT LETTER E LOCATED 1980 FEET FROM THE north LINE AND 895 FEET FROM

THE west LINE OF SEC. 18 TWP. 24S RGE. 29E

11. County

Eddy

15. Date Spudded

3-23-85

16. Date T.D. Reached

9-17-85

17. Date Compl. (Ready to Prod.)

9-28-85

18. Elevations (DI, RKB, RT, GR, etc.)

2955.8' GR

19. Elev. Casinghead

2955.8'

20. Total Depth

13,058'

21. Plug Back T.D.

12,800'

22. If Multiple Compl., How Many

23. Intervals Drilled By

Rotary Tools ☒ Cable Tools ☐

24. Producing Interval(s), of this completion - Top, Bottom, Name

12,027 - 12,038 (Atoka)

25. Was Directional Survey Made

No

26. Type Electric and Other Logs Run

Dual Laterolog Micro-SFL, BHC Sonic, Comp. Neutron-Litho Density

27. Was Well Cored

No

28. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT FULLED
13-3/8"	61#	600'	17-1/2"	350 HLC & 200 C1 H	Circulated
9-5/8"	36#	2610'	12-1/4"	1200 HLC & 350 C1 C	Circulated
7"	23#	10650'	8-1/2"	850 HLC & 550 C1 H	-

29. LINER RECORD				30. TUBING RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
4-1/2"	10306'	13058'	-250 C1 H		2-3/8"	10,331'	10,331'

31. Perforation Record (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
12879-12890 (.29" 12)		DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
12027-12038 (.29" 12)		12879-12890	sq. with 50 sx. C1 H tested to 6000 psi.
		12027-12038	Acidized w/5000 gal 7-1/2% Mor Flo BC Acid

33. PRODUCTION
Date First Production: 9-28-85
Production Method (Flowing, gas lift, pumping - Size and type pump): Flowing
Well Status (Prod. or Shut-in): Shut-in
Date of Test: 10-1-85
Hours Tested: 24
Choke Size: 10/64"
Prod'n. Per Test Period: 0
Oil - Bbl.: 0
Gas - MCF: 945
Water - Bbl.: 3
Gas-Oil Ratio: 0
Flow Tubing Press.: 1300
Casing Pressure sealed
Calculated 24-Hour Rate: 0
Oil - Bbl.: 0
Gas - MCF: 0
Water - Bbl.: 0
Oil Gravity - API (Corr.): -

34. Disposition of Gas (Sold, used for fuel, vented, etc.): Vented
Test Witnessed By

35. List of Attachments: Logs, Inclination Survey

36. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.

SIGNED: Betty Gildon Betty Gildon TITLE: Regulatory Analyst DATE: 10/15/85

This form is to be filed with the appropriate District Office of the Commission not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by a copy of all electrical and radio-activity logs run in the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 30 through 34 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

T. Anhy _____
 T. Salt _____
 B. Salt _____
 T. Yates _____
 T. 7 Rivers _____
 T. Queen _____
 T. Grayburg _____
 T. San Andres _____
 T. Glorieta _____
 T. Paddock _____
 T. Blinberry _____
 T. Tubb _____
 T. Drinkard _____
 T. Abo _____
 T. Wolfcamp Lime 9646
 T. Penn. _____
 T. Cisco (Bough C) _____

T. Cherry Mkr 3764
 T. Strawn Lime 11690
 T. Atoka Shale 11911
 T. Atoka Lime 12060
 T. Glauco Lm Mkr 12831
 T. Silurian _____
 T. Montoya _____
 T. Simpson _____
 T. McKee _____
 T. Ellenburger _____
 T. Gr. Wash _____
 T. Granite _____
 T. Delaware Sand Mtn Grp 2675
 T. Bone Springs Lime 6460
 T. 1st B.S. Sand 7403
 T. 2nd B.S. Sand 8182
 T. 3rd B.S. Sand 9270

Northwestern New Mexico

T. Ojo Alamo _____
 T. Kirtland-Fruitland _____
 T. Pictured Cliffs _____
 T. Cliff House _____
 T. Menefee _____
 T. Point Lookout _____
 T. Mancos _____
 T. Gallup _____
 T. Base Greenhorn _____
 T. Dakota _____
 T. Morrison _____
 T. Todilto _____
 T. Entrada _____
 T. Wingate _____
 T. Chinle _____
 T. Permian _____
 T. Penn. "A" _____

T. Penn. "B" _____
 T. Penn. "C" _____
 T. Penn. "D" _____
 T. Leadville _____
 T. Madison _____
 T. Elbert _____
 T. McCracken _____
 T. Ignacio Qtzite _____
 T. Granite _____

OIL OR GAS SANDS OR ZONES

No. 1, from 12027 to 12038
 No. 2, from _____ to _____
 No. 3, from _____ to _____
 No. 4, from _____ to _____
 No. 5, 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 None 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	851	851	Surface rock				
851	1234	383	Sand				
1234	3655	2421	Anhy				
3655	9956	6301	Shale, Lime, Sand				
9956	12910	2954	Shale, Lime				
12910	13058	148	Shale, Lime, Sand				

**NEW MEXICO OIL CONSERVATION COMMISSION RECEIVED BY
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-102
Supersedes C-128
Effective 1-1-65

OCT 8 1985

All distances must be from the outer boundaries of the Section

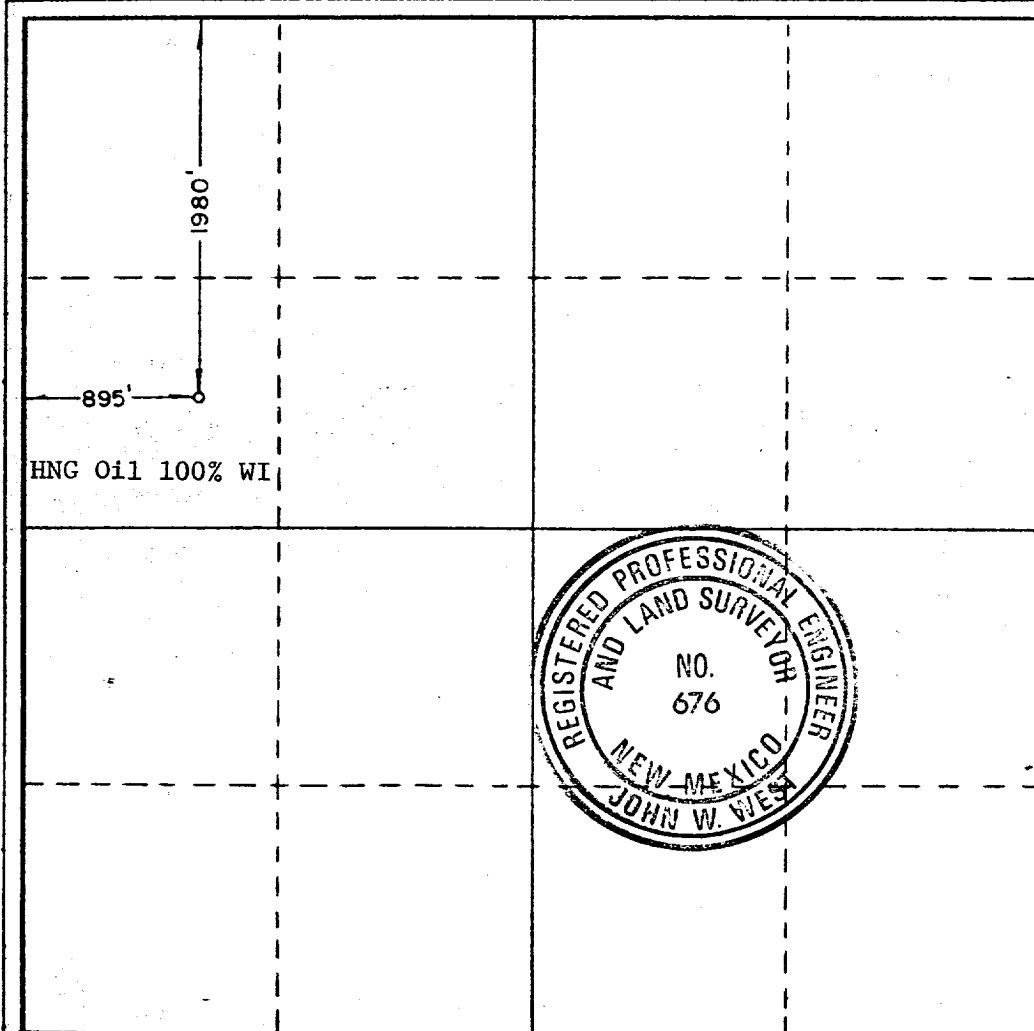
Operator H.N.G. OIL COMPANY			Lease FORT 18 COM		O. C. D.		Well No. 1
Unit Letter E	Section 18	Township 24S	Range 29E	County ARTESIA, OFFICE			
Actual Footage Location of Well: 895 feet from the WEST line and 1980 feet from the NORTH line							
Ground Level Elev. 2955.8	Producing Formation Atoka		Pool Undesignated			Dedicated Acreage: 320 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hachure 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 consolidated by communitization, unitization, force-pooling, etc?

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

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.



CERTIFICATION

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

Betty Gildon

Name

Betty Gildon

Position

Regulatory Analyst

Company

HNG OIL COMPANY

Date

10/4/85

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed

3/7/85

Registered Professional Engineer and/or Land Surveyor

John W. West

Certificate No. **JOHN W. WEST, 676**

RONALD J. EIDSON, 3239

0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0

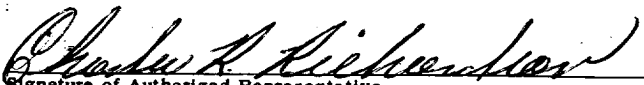
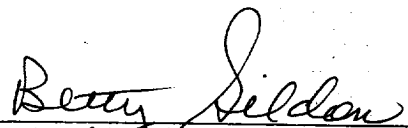
INCLINATION REPORT (One Copy Must Be Filed With Each Completion Report.)		6. District 2
1. FIELD NAME Und. Atoka	2. LEASE NAME Fort 18 Com.	7. Lease Number. (Oil completions only)
3. OPERATOR HNG OIL COMPANY		8. Well Number 1
4. ADDRESS P. O. Box 2267, Midland, Texas 79702		9. Identification Number (Gas completions only) Fee
5. LOCATION Unit Letter E, 1980' FNL & 895' FWL, Sec. 18, T24S, R29E		10. County Eddy, NM.

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)
111	111	1	1.75	1.94	9.94
307	196	1-1/4	2.18	4.27	6.21
600	293	1-1/2	2.62	7.68	13.89
695	95	1-1/2	2.62	2.49	16.38
881	186	2-1/4	3.93	7.31	23.69
1005	124	2-3/4	4.80	5.95	29.64
1065	60	2-1/4	3.93	2.36	32.00
1185	120	2	3.49	4.19	36.19
1316	131	2-1/2	4.36	5.71	41.90
1436	120	2-3/4	4.80	5.76	47.66
1565	219	2-1/4	3.93	5.07	52.73
1685	120	2	3.49	4.19	56.92
1813	128	2	3.49	4.47	61.39
1968	155	1-1/4	2.18	3.38	64.77
2121	153	1-3/4	3.05	4.67	69.44
2277	156	2-3/4	4.80	7.49	76.93

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 443.35 feet = 12,910 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 895 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.)

INCLINATION DATA CERTIFICATION  Signature of Authorized Representative <u>Charles R. Richardson, Drlg. Supr.</u> Name of Person and Title (type or print) <u>Parker Drilling Company</u> Name of Company Telephone: <u>915</u> <u>366-3658</u> Area Code	OPERATOR CERTIFICATION  Signature of Authorized Representative <u>Betty Gildon, Regulatory Analyst</u> Name of Person and Title (type or print) <u>HNG OIL COMPANY</u> Operator Telephone: <u>915</u> <u>686-3714</u> Area Code
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TONY B. WHITLEY
Notary Public, State of Texas
My Commission Expires June 27, 1985

Subscribed and Sworn Before me This 4 Day
of October, 1985


Notary Public

RECORD OF INCLINATION (Continued from reverse side)

*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)
2400	123	3-1/4	5.67	6.97	83.90
2525	125	3-1/2	6.10	7.63	91.53
2610	85	3-1/2	6.10	5.19	96.72
2887	277	2-1/2	4.36	12.08	108.80
3013	126	2	3.49	4.40	113.20
3259	246	1-3/4	3.05	7.50	120.70
3510	251	2	3.49	8.76	129.46
3787	277	1-1/2	2.62	7.26	136.72
4036	249	1-1/2	2.62	6.52	143.24
4537	501	1-1/2	2.62	13.13	156.37
5050	513	1-1/4	2.18	11.18	167.55
5547	497	1	1.75	8.70	176.25
6040	493	1	1.75	8.63	184.88
6241	201	1	1.75	3.52	188.40
6752	511	1	1.75	8.94	197.34
7249	497	2-1/2	4.36	21.67	219.01
7345	96	3	5.23	5.02	224.03
7409	63	3	5.23	3.29	227.32
7501	92	2-1/4	3.93	3.62	230.94
7622	121	3-1/4	5.67	6.86	237.80
7740	118	3	5.23	6.17	243.97
7871	131	2-3/4	4.80	6.28	250.25
7994	123	3	5.23	6.43	256.68
8185	191	2	3.49	6.67	263.35
8314	129	2	3.49	4.50	267.85
8571	257	1-1/2	2.62	6.73	274.58
8924	353	1-1/4	2.18	7.70	282.28
9348	424	2-1/2	4.36	18.49	300.77
9566	218	3	5.23	11.40	312.17
9929	363	2	3.49	12.67	324.84
10047	118	3	5.23	6.17	331.01
10222	175	2-3/4	4.80	8.40	339.41
10650	428	3	5.23	22.38	361.79
11260	610	2-1/4	3.93	23.97	385.76
12013	753	2	3.49	26.28	412.04
12910	897	2	3.49	31.31	443.35

If additional space is needed, attach separate sheet and check here. ☐

REMARKS:

- INSTRUCTIONS -

An inclination survey made by persons or concerns approved by the Commission shall be filed on a form prescribed by the Commission for each well drilled or deepened with rotary tools or when, as a result of any operation, the course of the well is changed. No inclination survey is required on wells that are drilled and completed as dry holes that are plugged and abandoned. (Inclination surveys are required on re-entry of abandoned wells.) Inclination surveys must be made in accordance with the provisions of Statewide Rule 11.

This report shall be filed in the District Office of the Commission for the district in which the well is drilled, by attaching one copy to each appropriate completion for the well. (except Plugging Report)

The Commission may require the submitter of the original charts, graphs, or discs, resubmit from the surveys.