

Submit to Appropriate
District Office
State Lease - 6 copies
Fee Lease - 5 copies

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

Form C-105
Revised 1-1-89

WELL API NO.
30-015-27970

5. Indicate Type of Lease
STATE ☐ FEE ☒

6. State Oil & Gas Lease No.
-

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 ☐ DEEPEN ☐ PLUG BACK ☐ DIPP RESVR ☐ OTHER O.C.D.

7. Lease Name or Unit Agreement Name
Higgins Trust "1"

2. Name of Operator
Barbara Fasken

8. Well No.
1

3. Address of Operator
303 W. Wall, Suite 1900, Midland, TX 79701

9. Pool name or Willicat
Atoka (Penn)

4. Well Location
Unit Letter D : 990 Feet From The North Line and 990 Feet From The West Line
Section 1 Township 18S Range 26E NMPM Eddy County

10. Date Spudded
7-30-94

11. Date T.D. Reached
8-22-94

12. Date Compl. (Ready to Prod.)
9-1-94

13. Elevations (DF & RKB, RT, GR, etc.)
3287

14. Elev. Casinghead
3287

15. Total Depth
9075

16. Plug Back T.D.
9030

17. If Multiple Compl. How Many Zones?
-

18. Intervals Drilled By
Rotary Tools
0-9075

Cable Tools

19. Producing Interval(s), of this completion - Top, Bottom, Name
8882'-8890' Morrow

20. Was Directional Survey Made
No

21. Type Electric and Other Logs Run
Array Induction, Compensated Neutron/Litho-Density

22. Was Well Cond
No

23. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB/FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
30"	140	93'	36"	300 sx	None
20"	133	111'	26"	275 sx (circ 127 sx)	None
13-3/8"	54.5	1351'	17 1/2"	1000 sx (circ 120 sx)	None
8-5/8"	24	1915'	12 1/4"	450 sx	None
4 1/2"	11.60	9071'	7-7/8"	1200 sx	None

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN
None				

25. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2-3/8"	8767'	8731'

26. Perforation record (interval, size, and number)
8882'-8890', .40", 2 SPF

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
8882'-8890'	Natural

28. PRODUCTION

Date First Production
9-1-94

Production Method (Flowing, gas lift, pumping - Size and type pump)
Flowing

Well Status (Prod. or Shut-in)
Shut-in WOPL

Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
9-1-94	1.5	3/8"		0	243	0	

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)
1130	0		0	3893	0	-

29. Disposition of Gas (Sold, used for fuel, vented, etc.)
Flared

Test Witnessed By
Mike Davis

30. List Attachments
Drill Stem Test Summary, Array Induction Log, CNL/LDT Log

31. 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

Signature Carl W. Brown Printed Name Carl W. Brown Title Petroleum Engineer Date 9-14-94

Author's Address:
 Department of Psychology
 University of California, San Diego
 3541 La Jolla Village Drive
 San Diego, CA 92093
 U.S.A.
 E-mail: erickson@uclink4.berkeley.edu

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Northwestern New Mexico

OIL OR GAS SANDS OR ZONES

IMPORTANT WATER SANDS

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness in Feet	Lithology

From	To	Thickness in Feet	Lithology

**BARBARA FASKEN
HIGGINS TRUST "1" NO. 1
DST SUMMARY**

DST NO. 1

Interval: 8660'-8681'
Recovery: 175' SGCDM
Sampler: 35 psi, 800 cc drlg. mud, .21 cuft gas

	Inside	Outside
IHP	4047	4096
IPFP	299	552
FPFP 10"	299	552
ISIP 90"	3279	3411
IFP	299	896
FFP 120"	2002	2342
FSIP 10"	2725 (plugging)	3283 (plugging)
FHP	4047	4096

BHT 135 deg.

Note: slid packers 13' to bottom when tool opened.

O.T. @ 9:35 p.m. 8/19/94 w/very weak blow.

5" - blowing 5" into bucket

10" - blowing 6" into bucket. Closed tool.

Tool closed 90 mins.

Reopen tool w/very weak blow

5" - blowing 4" into bucket

30" - very weak blow

60" - dead

90" - blowing 2" into bucket

120" - dead. Closed tool.

DST No. 2

Interval: 8800'-8832'
Recovery: 50' of SGCDM
Sampler: 32 psi, 0 fluid, 0.29 cuft gas

	Inside	Outside
IHP	4184	4248
IPFP	44	--
FPFP 10"	44	--
ISIP 90"	174	135
IFP	44	45
FFP 120"	44	45
FSIP 3 hr.	131	135
FHP	4184	4248

BHT 135 deg.

O.T. @ 11:50 a.m. 8/21/94 w/very weak blow

5" - 5 oz. on bubble hose

10" - 5-3/4" oz. on bubble hose. Closed tool.

Tool closed 90 mins.

Reopened tool w/very weak blow

5" - 4 oz. on bubble hose

10" - 4 oz. on bubble hose

30" - 3-1/2 oz. on bubble hose

60" - 3 oz. on bubble hose

90" - 1 oz. Closed tool.

BARBARA FASKEN
HIGGINS TRUST "1" NO. 1
DST SUMMARY
PAGE 2

DST NO. 3

Attempt to inflate packers @ 8865'-8910' & 8870'-8915' without success.

DST NO. 4

Interval: 8777'-8905'

Recovery: 903' GCDM

Sampler: 2350 psi, 18.04 cuft gas, 0 fluid

	INSIDE	OUTSIDE
IHP	4316	4303
IPFP	974	1477
FPFP 10"	974	1644
ISIP 90"	3642	3674
IFP	891	1253
FFP 240"	2985	3025
FSIP 8 hrs.	3642	3661
FHP	4302	4240

BHT 148 deg.

Opened tool @ 2:06 p.m. 8/26/94 w/good blow

ELAPSED TIME	PSI	CHOKE SIZE	MCFPD	
1"	BFBB			
2"	20			
3"	30	1/4" choke		
4"	150	"		
5"	255	"		
7"	400	"	610	gas to surface
8"	500	"	757	
9"	610	"	918	
10"	680	"	1021	closed tool

tool closed 90 minutes

Reopened tool w/strong blow

ELAPSED TIME	PSI	CHOKE SIZE	MCFPD	
5"	540	1/4"	815	
10"	990	"	1477	
20"	1430	"	2124	
30"	1750	"	2594	
60"	2115	"	3131	
90"	2200	"	3256	
120"	2212	"	3273	
150"	2221	"	3287	
180"	2230	"	3300	
210"	2232	"	3303	
240"	2240	"	3314	closed tool

RECEIVED

Barbara Fasken
Higgins Trust "1" No. 1
Sec. 1, T18S, R26E
Deviation Surveys

SEP 19 '94

O. C. D.
ARTESIA, OFFICE

<u>Depth</u>	<u>Angle</u>
910'	2 deg.
1260'	1-1/4 deg.
1855'	3-1/2 deg.
2875'	0 deg.
3880'	1/2 deg.
4694'	1/4 deg.
5697'	1-1/2 deg.
7325'	1-1/4 deg.
7825'	1 deg.
8330'	1 deg.
9075'	3/4 deg.

CWB:sb
(higgins.sur)