

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.

3004524988

5. Indicate Type of Lease

STATE ☐

FEE ☒

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name
Heaton Corn LS

8. Well No.

9A

9. Pool name or Wildcat

Blanco Mesaverde

1a. Type of Well:

OIL WELL ☐

GAS WELL ☒

DRY ☐

OTHER ☐

b. Type of Completion:

NEW WELL ☐

WORK OVER ☐

DEEPEN ☐

PLUG BACK ☒

DIFF RESVR ☐

OTHER ☐

2. Name of Operator

Amoco Production Company

Attention

Dallas Kalahar

3. Address of Operator

P.O. Box 800

Denver

Colorado

80201

(303) 830-5129

4. Well Location

Unit Letter I : 1740 Feet From The South Line and 1080 Feet From The East Line

Section 32

Township 31N

Range 11W

NMPM

San Juan

County

10. Date Spudded

02-28-82

11. Date T.D. Reached

03-08-82

12. Date Compl. (Ready to Prod.)

06-13-94

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

5815' GR

14. Elev. Casinghead

15. Total Depth

6948' KB

16. Plug Back T.D.

6925' KB

17. If Multiple Compl. How Many Zones?

2

18. Intervals Drilled By

Rotary Tools

YES

Cable Tools

NO

19. Producing Interval(s), of this completion - Top, Bottom, Name
MV Point Lookout Top 4565'

Bottom 4669'

20. Was Directional Survey Made

NO

21. Type Electric and Other Logs Run

NONE

22. Was Well Cored

NO

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

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9 5/8"	36#	308' KB	12 - 1/4"	305 sx CL B	
7"	23#	4481' KB	8 - 3/4"	1st: 95 sx CL-B, 150 sx	CL-B Neat
				2nd: 295 sx CL-B, 150 sx	CL-B

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
4 1/2"	4386' KB	6948' KB	290		2 3/8"	4648'	2800'
					1 1/4"	4584'	

25. TUBING RECORD

26. Perforation record (interval, size, and number)

see attached

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

DEPTH INTERVAL

AMOUNT AND KIND MATERIAL USED

28.

PRODUCTION

Date First Production

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

Well Status (Prod. or Shut-in)
Slw/o 1st Deliv

Date of Test

Hours Tested

Choke Size
Choke Size

Prod'n For
Test Period

Oil - Bbl.

Gas - MCF

Water - Bbl.

Gas - Oil Ratio

Flow Tubing Press.

Casing Pressure

Calculated 24-
Hour Rate

Oil - Bbl.

Gas - MCF

Water - Bbl.

Oil Gravity - API - (Corr.)

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

to be sold

Test Witnessed By

30. List Attachments

Perf & Frac Sundry

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

Dallas Kalahar

Printed
Name

Dallas Kalahar

Title

Staff Business Analyst

Date

4/27/94

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on 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 25 through 29 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		Northwestern New Mexico	
T. Anhy _____	T. Canyon _____	T. Ojo Alamo _____ 866'	T. Penn. "B" _____
T. Salt _____	T. Strawn _____	T. Kirtland-Fruitland _____ 911'	T. Penn. "C" _____
B. Salt _____	T. Atoka _____	T. Pictured Cliffs _____ 2300'	T. Penn. "D" _____
T. Yates _____	T. Miss _____	T. Cliff House _____ 3970'	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____ 4130'	T. Madison _____
T. Queen _____	T. Silurian _____	T. Point Lookout _____ 4630'	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____ 4899'	T. McCracken _____
T. San Andres _____	T. Simpson _____	T. Gallup _____ 5890'	T. Ignacio Otzte _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____ 6624'	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____ 6735'	T. _____
T. Blinberry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Delaware Sand _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Bone Springs _____	T. Entrada _____	T. _____
T. Abo _____	T. _____	T. Wingate _____	T. _____
T. Wolfcamp _____	T. _____	T. Chinle _____	T. _____
T. Penn _____	T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. _____	T. Penn "A" _____	T. _____

OIL OR GAS SANDS OR ZONES

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

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness in Feet	Lithology	From	To	Thickness in Feet	Lithology
Surf	866	866	San Jose				
866	911	45	Ojo Alamo				
911	1946	1035	Kirtland				
1946	2300	354	Fruitland				
2300	2500	200	Pictured Cliffs				
2500	3970	1470	Lewis				
3970	4130	160	Cliffhouse				
4130	4630	500	Menefee				
4630	4899	269	Point Lookout				
4899	5890	991	Mancos				
5890	6624	734	Gallup				
6624	6680	561	Greenhorn				
6680	6735	55	Graneros				
6735	TD	213	Dakota				

HEATON COM LS 9A

5/26/94 RU WLE & RIH W/CBL CCL GR & RAN LOG FROM CMT TOP @ 5913' TO SURF UNDER 1000 PSI. RIH W/3-1/8 HCG & PERF MV W/2 JSPF 120 DEG. PHASED 13 GRAM CHARGE FROM:

4664 - 4669, 4632 - 4658, 4565 - 4568

RD WLE.

FRAC MV INTERVAL 4565 - 4669 BY PUMPING 70 QUALITY FOAM & 12/20 BRADY SAND, STAGGED IN SAND FROM 1 PPG TO 5 PPG PUMPED 75000 LBS SAND, 536,000 SCF N2, MAX PRESS 1586 PSI, AVG PRESS 1378, AVG RATE 28 BPM, TOTAL FLUID VOL 20612, GAL 491 BBLS, FLUID FLUSHED W/7209 GAL. RIH & SET RBP @ 4420 & PRESS TEST TO 2000 PSI, DUMPED 1 SXS SAND ON PLUG, RIH & PERF FRUITLAND COAL W/4 HCG W/4 JSPF 120 DEG. PHASED 23 GRM. CHARGE .46 HOLE FROM:

2314 - 2317, 2257 - 2276, 2238 - 2241, 2183 - 2186, 2172 - 2176, 2159 - 2162, 2153 - 2155,
2149 - 2151, 2145 - 2147, 2140 - 2142, 2134 - 2136, 2075 - 2082, 2068 - 2070, 2060 - 2065

FRAC FRUITLAND COAL INTERVAL 2060 - 2317 W/70 QUALITY FOAM & 20/40 BRADY SAND 172000 LBS W/1,271,750 SCF N2 STAGGED SAND FROM 1 PPG TO 5 PPG, AVG RATE 75 BPM, BOTTOM HOLE - MAX PRESS 1778 PSI, AVG PRESS 1550 PSI, TOTAL FLUID PUMPED 36365, GAL = 866 BBLS.

FLOW BACK FRUITLAND FRAC 5/28/94. WELL FLOWING TO TANK ON 1/2 CHOKE. BLED OFF PRESS, TIH W/RET HEAD, TAGGED SAND @ 4241', PULLED UP 3 STAND PUT ON RET PKR & TIH & SET PKR & PRESS TEST, NDBOP & WELLHEAD, NU NEW DUAL WELLHEAD, NUBOP & PRESS TEST WELLHEAD TO 1550 PSI, BLED OFF PRESS ON TBG, RELEASED PKR & TOH W/SAME. RIGGED UP AIR EQUIP & CONT TO TIH W/RET HEAD. CLEANED OUT SAND FROM 4241 TO 4303. WELL FILLED FLOW BACK TANK W/FOAM.

BLED OFF PRESS, TIH W/RET HEAD & TAGGED SAND @ 4241, RU AIR EQUIP. CLEANED OUT TO RBP @ 4420', RELEASED RBP & TOH. TIH W/ 1/2 MULE 2 JTS, SN, TBG & TAGGED SAND @ 5770 & CLEANED OUT TO 5910'. PULLED UP TO 4560 & RIGGED UP TO FLOW BACK TO TANK. FLOW WELL TO TANK ON 1/4 CHOKE FOR 8 HRS THEN OPENED UP ON 1/2 CHOKE.

BLED OFF PRESS, PUMPED 6 BBLS DWN TBG. TIH & TAGGED @ 5905. TOH W/TBG LAID DWN 38 JTS. RU WLE & RIH & SET PKR @ 2800'. ROH & RD WLE, TIH W/ 1/2 MULE SHOE, 1 JT, SN, F COLLAR, 56 JTS. SEAL ASSY 86 JTS, TBG & 4 & 3', SUBS - STUNG INTO PKR @ 2800' LANDED TBG @ ~~4553~~ 4553', LANDED TBG @ 4653 W/6 K ON PKR, CHANGED OVER TO RUN 1-1/2 TBG. RDMOSU 6/7/94.

RIGGED UP COIL TBG UNIT & RIH W/1-1/4 TBG & LANDED @ 4584, RIGGED UP N2 EQUIP & PUMPED 35,000 SCF N2 & PUMPED OUT PLUG. RIGGED DWN COIL TBG UNIT. TURNED WELL OVER TO PRODUCTION 6/13/94.

NOTE: 2-3/8 @ 4584', 1-1/2 FRUITLAND COAL SHORT STRING LANDED @ 2306'.