

Submit 3 Copies
to Appropriate
District Office

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-103
Revised 1-1-89

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

API NO. (assigned by OCD on New Wells) 30-025-10852	
5. Indicate Type of Lease STATE ☐ FEE ☒	
6. State Oil & Gas Lease No. 16233	
7. Lease Name or Unit Agreement Name E. C. HILL "A"	
8. Well No. 3	
9. Pool name or Wildcat Imperial Tubb Drinkard	
10. Elevation (Show whether DF, RKB, RT, GR, etc.) 3277' DF	

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK
DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT"
(FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: OIL ☐ GAS ☐ WELL ☒ WELL ☐ OTHER ☐	
2. Name of Operator Arch Petroleum, Inc.	
3. Address of Operator 10 Desta Dr., Suite 420E, Midland, TX 79705	
4. Well Location Unit Letter O Section 27 Township 23S Range 37E Line and 1980 Feet From The SOUTH NMPM EAST Line County LEA	
10. Elevation (Show whether DF, RKB, RT, GR, etc.) 3277' DF	

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data	
NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK ☐	REMEDIAL WORK ☐
TEMPORARILY ABANDON ☒	ALTERING CASING ☐
PULL OR ALTER CASING ☐	PLUG AND ABANDON. ☐
OTHER: ☐	OTHER: ☐

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

MIRU. Set CIBP @ 6026'
Dump 2 sx cmt on top.
Well TA'd

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

SIGNATURE Bobbie Brooks TITLE **Production Analyst**
TYPE OR PRINT NAME **Bobbie Brooks**

DATE: 2/20/87
TELEPHONE NO. **(915)685-1961**

APPROVED BY ORIGINAL SIGNED BY JERRY SUTTON
CONDITIONS OF APPROVAL, IF ANY: SEE RULE 1103

DATE APR 15 1987

Lease	E. C. Hill A		Well No.	3	
Location	660	FSL	and	1980	FEL
Unit	O	Section	27	Township	23S
Range	37E	County	Lea	State	New Mexico

GE 3266
KB to GE
DF 3277

Estimated top of 9 5/8" @ 1050'

Surface csg

13 3/8" OD Surface
Set @ 280 ft
Cmt with 472 sx
Cmt circulated ?

Intermediate csg

9 5/8" OD Surface
Set @ 2880 ft
Cmt with 1100 sx
TOC @ ? ft by TS

Top of 7" csg @ 3975'

7" shot @ 4140, 4043

Blinbry perfs- 5328, 5337, 5345, 5359, 5366, 5378, 5386, 5406, 5442, 5454, 5464, 5472, 5520, 5546, 5553, 5570, 5631, 5639, 5645, 5655, 5667, 5683, 5688, 5697, 5722, 5735, 5747, 5756, 5765, 5783 w/1 SPF

Proposed Depth to set CIBP 6020'

Tubb perfs- 6081, 6084, 6086, 6089, 6094, 6102, 6105, 6109, 6112, 6118, 6122, 6132, 6140, 6144, 6148, 6153, 6158, 6165, 6168 w/1 SPF

Liner

4 1/2" OD
10.5 & 11.6 #
Top @ surface
Bottom @ 6231 ft
Cmt with 175 sx

Possible 29 sx cmt plug @ 9482

9465-9715 Ellenburger

Production csg

7" OD

Grade
Set @ 9725 ft
Cmt with 940 sx
TOC @ ? ft by TS

Completion date 30-Aug-52

Initial Formation Teague (Ellenburger)

From 9465 to 9715

BOPD	GOR	BWPD
284	807	

Completion Data:

Perfed csg 9465-9526, 9540-9610, 9626-9685, 9700-9715

Subsequent Workovers or Reconditionings:

Nov. 1966 - Re-entered P&A'd well. Drilled cmt plugs @ 20' below surface. 314-340, 812-818, 1280-1284. Lost 7 7/8" bit in hole. Attempted to fish unsuccessful. Drilled on bit. Indications may be drilling on split csg @ 1122' SI.

June 1967 - Re-entered. Milled and cleaned out to 6250' w/6 1/8" bit and 8 1/2" mill. Top of 9 5/8" csg estimated @ 1050'. Top of 7" csg estimated @ 3975'. Ran 4 1/2" csg to 6231' and cmt'd w/175 sx. Perfed 5328, 5337, 5345, 5359, 5366, 5378, 5386, 5406, 5442, 5454, 5464, 5472, 5520, 5546, 5553, 5570, 5631, 5639, 5645, 5655, 5667, 5683, 5688, 5697, 5722, 5735, 5747, 5756, 5765, 5783 w/1 SPF (total of 30 holes). Spotted 150 gals of acid across perfs, broke down perfs and acidized w/1000 gals of acid. Fraced perfs w/30,000 gals w/1 1/2 lbs of sand per gal. IP= 73 BOPD, 135 BWPD, 1874 GOR

Oct. 1967 - Sqzd off Blinbry w/150 sx cmt. Drilled cmt and cleaned out to 6109'. Re-sqzd w/100 sx. Drilled out and cleaned out to 6177'. Re-sqzd w/75 sx. Drilled out and cleaned out to 6177'. Perfed 6081, 6084, 6088, 6089, 6094, 6102, 6105, 6109, 6112, 6118, 6122, 6132, 6140, 6144, 6148, 6153, 6158, 6165, 6168 w/1 -0.44" SPF (total of 19 holes). Spotted 260 gals 15% acid. Broke down and acidized w/1500 gals of 15% acid. Fraced w/21,000 gals brine and 32,000 lbs of sand. IP= 91 BOPD, 40 BWPD, 58 MCFPD

TD 9737