

Oklahoma Corporation Commission
Oil & Gas Conservation Division
Post Office Box 52000
Oklahoma City, Oklahoma 73152-2000
Rule 165: 10-3-25

Form 1002A

API No.: 35049246120003

Completion Report

Spud Date: June 13, 2007

OTC Prod. Unit No.: 049-207488-0-0000

Drilling Finished Date: July 16, 2007

1st Prod Date: August 20, 2007

Completion Date: August 26, 2007

Recomplete Date: December 15, 2018

Drill Type: STRAIGHT HOLE

Min Gas Allowable: Yes

Well Name: HARRELL A-9

Purchaser/Measurer: XEC

Location: GARVIN 7 1N 2W
C NW NE NW
2310 FSL 1650 FWL of 1/4 SEC
Latitude: 34.57868 Longitude: -97.45227
Derrick Elevation: 0 Ground Elevation: 999

First Sales Date:

Operator: CIMAREX ENERGY CO OF COLORADO 3653

202 S CHEYENNE AVE STE 1000
TULSA, OK 74103-3001

Completion Type		Location Exception		Increased Density	
	Single Zone	Order No		Order No	
	Multiple Zone	There are no Location Exception records to display.		There are no Increased Density records to display.	
X	Commingled				

Casing and Cement							
Type	Size	Weight	Grade	Feet	PSI	SAX	Top of CMT
CONDUCTOR	20			44			SURFACE
SURFACE	9 5/8	40	K-55	1523		400	SURFACE
PRODUCTION	5 1/2	17	N-80	10830	5000	1700	9955

Liner								
Type	Size	Weight	Grade	Length	PSI	SAX	Top Depth	Bottom Depth
There are no Liner records to display.								

Total Depth: 10830

Packer	
Depth	Brand & Type
There are no Packer records to display.	

Plug	
Depth	Plug Type
There are no Plug records to display.	

Initial Test Data

Test Date	Formation	Oil BBL/Day	Oil-Gravity (API)	Gas MCF/Day	Gas-Oil Ratio Cu FT/BBL	Water BBL/Day	Pumpin or Flowing	Initial Shut-In Pressure	Choke Size	Flow Tubing Pressure
Feb 22, 2019	CMGLD PRODUCTION	25	35.1	249	9960	18	PUMPING	774		154

Completion and Test Data by Producing Formation

Formation Name: HUNTON

Code: 269HNTN

Class: OIL

Spacing Orders

Order No	Unit Size
27000	40

Perforated Intervals

From	To
8710	8881

Acid Volumes

NONE

Fracture Treatments

There are no Fracture Treatments records to display.
--

Formation Name: WOODFORD

Code: 319WDFD

Class: OIL

Spacing Orders

Order No	Unit Size
449918	40

Perforated Intervals

From	To
8420	8630

Acid Volumes

NONE

Fracture Treatments

There are no Fracture Treatments records to display.
--

Formation Name: SYCAMORE

Code: 352SCMR

Class: OIL

Spacing Orders

Order No	Unit Size
449918	40

Perforated Intervals

From	To
8215	8392

Acid Volumes

NONE

Fracture Treatments

There are no Fracture Treatments records to display.
--

Formation Name: SYCAMORE OVERTHRUST

Code: 352SCOTD

Class: OIL

Spacing Orders

Order No	Unit Size
449918	40

Perforated Intervals

From	To
7745	8023

Acid Volumes

NONE

Fracture Treatments

There are no Fracture Treatments records to display.
--

Formation Name: BROMIDE		Code: 202BRMD	Class: OIL
Spacing Orders		Perforated Intervals	
Order No	Unit Size	From	To
19912	40	10045	10344
Acid Volumes		Fracture Treatments	
NONE		There are no Fracture Treatments records to display.	

Formation Name: MCLISH		Code: 202MCLS	Class: OIL
Spacing Orders		Perforated Intervals	
Order No	Unit Size	From	To
24469	40	10400	10496
Acid Volumes		Fracture Treatments	
NONE		There are no Fracture Treatments records to display.	

Formation Name: CMGLD PRODUCTION		Code:	Class: OIL
----------------------------------	--	-------	------------

Formation	Top
SYCAMORE	8201
WOODFORD	8409
HUNTON	8699
VIOLA	9249

Were open hole logs run? Yes
Date last log run: July 12, 2007

Were unusual drilling circumstances encountered? No
Explanation:

Other Remarks
REMOVED PLUG THAT ISOLATED THE BROMIDE MCLISH PERFORATIONS AND COMMINGLED ALL ZONES. COMMINGLE PERMIT HAS BEEN APPROVED.

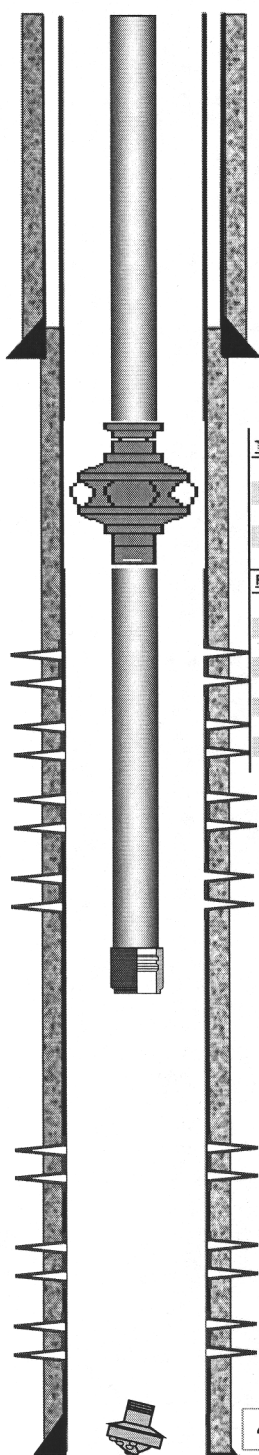
FOR COMMISSION USE ONLY	
Status: Accepted	1141834

Image @ 10047

CIMAREX

Commingled Zones

Lease :	Harrell A-9	Perforations			Casing				
Field :	Eola Robberson	Reservoirs	To	From	Size	Weight	Grade	Depth	Sx cmt
KB :	1,030'	Overthrust Syc	7,745	8,023	9 5/8"	40	K-55	1,530	400
GL :	999'	Sycamore	8,215	8,392	5 1/2"	17	N-80	10,830	1700
Legals :	NW NE NW 7-1N-2W	Woodford	8,420	8,630					
	330' FNL, 1650' FWL	Hunton	8,710	8,881					
Co., St.:	Garvin Co., Oklahoma	Bromide	10,045	10,344	Tubulars				
API:	3504924612	Upper McLish	10,400	10,496	Size	Weight	Grade	Depth	Thread
Co. #:	359565-301				2 7/8"	6.5	L-80		8rd
Directions:	F/ 4-way stop in Elmore City								
	go 2.5 miles W on Hwy 29, 4 miles S, 3/4 miles	Lat:	34.578390		Spud:	6/13/2007		WI:	100.000%
	W, N into.	Long:	-97.45198		Comp:	8/26/2007		NRI:	87.500%



Pumping Unit

Engine Sheave:	
Gas:	
Electric:	
HP:	
Stroke Length :	
Gear Ratio :	
GBX Sheave :	

Tree Information

Valve Type	
Valve Size	
Swab Valve	
PSI Rated	
Top Connection	
B Section Size	

9-5/8" 40# J55 LT&C set @ 1530' Cmt'd to surf

5-1/2" TOC above btm of surf pipe
(Completion Report 7/31/2007)

Tubing	Description	Length	Depth	OD	ID
1	KB	32.00	32.00	0.000	0.000
236	2-7/8" 6.5# N-80 8rd EUE Tubing	7,615.00	7,647.00	2.875	2.441
1	5-1/2 TENSION ANCHOR	2.70	7,649.70	4.500	0.000
41	2-7/8" 6.5# N-80 8rd EUE Tubing	1,323.00	8,972.70	2.875	2.441
1	2-3/8 SN	1.10	8,973.80	0.000	0.000
Rods	Description	Length	Depth	OD	Coupling
1	1-1/2 X24' POLISH ROD	24.00	24.00	1.500	
1	1" 4' AND 2'	6.00	30.00	0.000	
43	1" Grade HD Rods	1,075.00	1,105.00	1.000	SHT
66	1" Grade HD Rods	1,650.00	2,755.00	1.000	SHT
116	7/8" Grade HD Rods	2,900.00	5,655.00	0.875	FHT
84	3/4" Grade HD Rods	2,100.00	7,755.00	0.750	FHT
40	3/4" Grade HD Rods	1,000.00	8,755.00	0.750	FHT
1	8 - 1-1/2 K BARS	200.00	8,955.00	0.000	
1	2' X 1-1/4 X 24' MCGIEVER	24.00	8,979.00	0.000	

Big 4 Perfs:

Overthrust Sycamore- 7745-8023 (OA)
Sycamore-8215-8392 (OA)
Woodford-8420-8630 (OA)
Hunton-8710-8881 (OA)

Bromide 10,045-10,193' 188 Holes

DV Tool @ 10,084'

Bromide 10,238-10,344' 164 Holes

Upper McLish 10,400-10,496' 108 Holes

4-1/2" TTS 5 bladed clutch mill & Remainder of 2 CBP's

8-1/2" hole TD
@ 10,830'

5 1/2" 17# @
10,830'
PBTD @ 10,741'

5-1/2" 17# N80 LT&C set @ 10,830'. PBTD 10,741'