

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Submit one copy to appropriate District Office

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address COG Operating 600 West Illinois Ave. Midland, TX 79701		² OGRID Number 229137	
		³ Reason for Filing Code/ Effective Date NW/7.7.2021	
⁴ API Number 30 – 015-47463	⁵ Pool Name Purple Sage; Wolfcamp (Gas)		⁶ Pool Code 98220
⁷ Property Code 329348	⁸ Property Name Potato Baby State Com		⁹ Well Number 704H

II. ¹⁰ Surface Location

UL or lot no. F.	Section 34	Township 26S	Range 28E	Lot Idn 2	Feet from the 380	North/South Line S	Feet from the 1385	East/West line W	County EDDY
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¹¹ Bottom Hole Location

UL or lot no. C	Section 22	Township 26S	Range 28E	Lot Idn C	Feet from the 200	North/South line N	Feet from the 2310	East/West line W	County EDDY
¹² Lse Code S	¹³ Producing Method Code P		¹⁴ Gas Connection Date 7/25/2021		¹⁵ C-129 Permit Number		¹⁶ C-129 Effective Date		¹⁷ C-129 Expiration Date

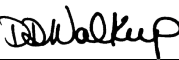
III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
214984	Plains Marketing & Transportation P.O.BOX 4648 Houston, TX 77210-4648	G
371058	ETC Field Services 8111 Westchester Drive Suite 600 Dallas, TX 75226	O

IV. Well Completion Data

²¹ Spud Date 11/28/2020	²² Ready Date 7/25/2021	²³ TD 21915	²⁴ PBTD 21735	²⁵ Perforations 9807-21715	²⁶ DHC, MC
²⁷ Hole Size		²⁸ Casing & Tubing Size	²⁹ Depth Set		³⁰ Sacks Cement
14.75		10.75	850		Class C 596 sks
8.75		7.625	8910		Class C 750 sks Class H 200 sks
6.75		5.5	21915		Class H 1345 sks
tubing		2.875	9001		

V. Well Test Data

³¹ Date New Oil 7/25/2021	³² Gas Delivery Date 7/25/2021	³³ Test Date 7/25/2021	³⁴ Test Length 24 hrs	³⁵ Tbg. Pressure 1077	³⁶ Csg. Pressure 3
³⁷ Choke Size 20/128	³⁸ Oil 256	³⁹ Water 4068	⁴⁰ Gas 843		⁴¹ Test Method Flowing
⁴² I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief. Signature: 			OIL CONSERVATION DIVISION		
Printed name: Danielle D Walkup			Approved by: <i>PATRICIA MARTINEZ</i>		
Title: Regulatory Coordinator			Title: <i>PETROLEUM SPECIALIST</i>		
E-mail Address: d.d.walkup@conocophillips.com			Approval Date: <i>11/15/2024</i>		
Date: 4/11/2022		Phone: 432-688-9053			

DISTRICT I
1625 N. FRENCH DR., HOBBS, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720

DISTRICT II
511 S. FIRST ST., ARTESIA, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720

DISTRICT III
1000 RIO BRAZOS RD., AZTEC, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170

DISTRICT IV
1220 S. ST. FRANCIS DR., SANTA FE, NM 87505
Phone: (505) 478-3460 Fax: (505) 478-3462

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 SOUTH ST. FRANCIS DR.
Santa Fe, New Mexico 87505

Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-47463		Pool Code 98220	Pool Name Wolfcamp
Property Code 329348	Property Name POTATO BABY STATE COM		Well Number 704H
OGRID No. 229137	Operator Name COG OPERATING, LLC		Elevation 3083'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
2	34	26-S	28-E		380	SOUTH	1385	WEST	EDDY

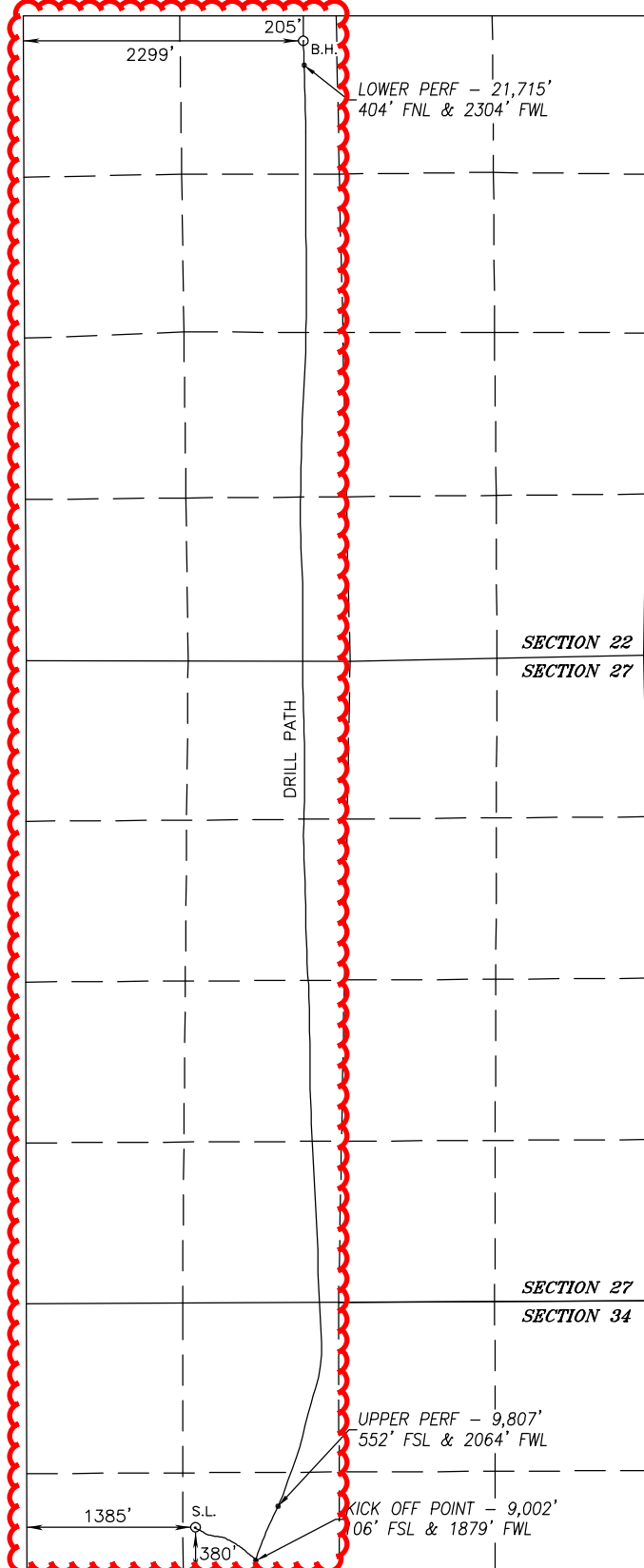
Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	22	26-S	28-E		205	NORTH	2299	WEST	EDDY
Dedicated Acres 767.52	Joint or Infill	Consolidation Code	Order No.						

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

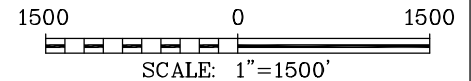
SEE PAGE 2

Property Code 329348	Property Name POTATO BABY STATE COM	Well Number 704H
OGRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 3083'



NAD 83 NME
BOTTOM
HOLE LOCATION
Y=376419.2 N
X=621099.6 E
LAT.=32.034595' N
LONG.=104.075930' W

BOREFATH SHOWN HEREON IS BASED ON
DIRECTIONAL SURVEY REPORT PROVIDED BY
COG OPERATING, LLC FOR THE POTATO BABY
STATE COM 704H SUPPLIED TO HARCROW
SURVEYING, LLC ON JULY 6, 2021



OPERATOR CERTIFICATION

I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

D. Walkup
Signature

4/11/2022
Date

Danielle D. Walkup
Printed Name

d.d.walkup@conocophillips.com
E-mail Address

SURVEYOR CERTIFICATION

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 belief.

/JAN. 26, 2021

Date of Survey/Date of Geographic Survey

Signature & Seal of Professional Surveyor



Chad Harcrow

7/7/21

Certificate No. CHAD HARCROW 17777

PAGE 2 OF 2

W.O. #21-623

DRAWN BY: WN

Intent ☐ As Drilled ☐

API # 30-015-47463		
Operator Name:	Property Name:	Well Number

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
Latitude					Longitude				NAD

First Take Point (FTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
Latitude					Longitude				NAD

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
Latitude					Longitude				NAD

Is this well the defining well for the Horizontal Spacing Unit? ☐Is this well an infill well? ☒

If infill is yes please provide API if available, Operator Name and well number for Defining well for Horizontal Spacing Unit.

API # 30-015-47460		
Operator Name: COG Operating LLC	Property Name: Potato Baby State	Well Number 705H

KZ 06/29/2018

DELAWARE BASIN WEST

ATLAS PROSPECT (NM-E)

POTATO BABY STATE PROJECT (ATLAS 2628)

POTATO BABY ST COM #704H

OWB

Design: AWP

Standard Survey Report

26 January, 2021

Concho Resources LLC

Survey Report

Company:	DELAWARE BASIN WEST	Local Co-ordinate Reference:	Well POTATO BABY ST COM #704H
Project:	ATLAS PROSPECT (NM-E)	TVD Reference:	KB=30' @ 3108.0usft (Pioneer 84)
Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	MD Reference:	KB=30' @ 3108.0usft (Pioneer 84)
Well:	POTATO BABY ST COM #704H	North Reference:	Grid
Wellbore:	OWB	Survey Calculation Method:	Minimum Curvature
Design:	AWP	Database:	edm

Project	ATLAS PROSPECT (NM-E)		
Map System:	US State Plane 1927 (Exact solution)	System Datum:	Mean Sea Level
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	New Mexico East 3001		

Well	POTATO BABY ST COM #704H, ACTIVE			
Well Position	+N/-S	0.0 usft	Northing:	364,151.61 usft
	+E/-W	0.0 usft	Easting:	579,028.27 usft
Position Uncertainty		3.0 usft	Wellhead Elevation:	usft
			Ground Level:	3,083.0 usft

Wellbore	OWB				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2020	7/21/2020	6.87	59.65	47,404.74848991

Design	AWP				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)	
	0.0	0.0	0.0	4.20	

Survey Program	Date	1/26/2021			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
100.0	723.0	GYRO-SURFACE (OWB)	Standard Keeper 104	Standard Wireline Keeper ver 1.0.4	
861.0	8,851.0	MWD-INTERMEDIATE (OWB)	MWD+IFR1+FDIR	OWSG MWD + IFR1 + FDIR Correction	
8,939.0	21,915.0	MWD-CURVE/LAT (OWB)	MWD+IFR1+FDIR	OWSG MWD + IFR1 + FDIR Correction	

Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00	
100.0	0.73	332.88	100.0	0.6	-0.3	0.5	0.73	0.73	0.00	
125.0	0.88	324.23	125.0	0.9	-0.5	0.8	0.77	0.60	-34.60	
150.0	0.97	317.73	150.0	1.2	-0.7	1.1	0.55	0.36	-26.00	
175.0	1.09	323.18	175.0	1.5	-1.0	1.4	0.62	0.48	21.80	
200.0	1.17	326.29	200.0	1.9	-1.3	1.8	0.40	0.32	12.44	
225.0	1.00	328.71	225.0	2.3	-1.6	2.2	0.70	-0.68	9.68	
250.0	0.64	335.10	250.0	2.6	-1.7	2.5	1.48	-1.44	25.56	
275.0	0.22	19.01	275.0	2.8	-1.8	2.7	2.02	-1.68	175.64	
300.0	0.34	127.35	300.0	2.8	-1.7	2.7	1.84	0.48	433.36	
325.0	0.68	136.38	325.0	2.7	-1.5	2.5	1.39	1.36	36.12	
350.0	1.01	139.39	350.0	2.4	-1.3	2.3	1.33	1.32	12.04	
375.0	1.20	134.85	375.0	2.0	-1.0	2.0	0.84	0.76	-18.16	
400.0	1.27	138.78	400.0	1.6	-0.6	1.6	0.44	0.28	15.72	

Concho Resources LLC

Survey Report

Company:	DELAWARE BASIN WEST	Local Co-ordinate Reference:	Well POTATO BABY ST COM #704H
Project:	ATLAS PROSPECT (NM-E)	TVD Reference:	KB=30' @ 3108.0usft (Pioneer 84)
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Well:	POTATO BABY ST COM #704H	North Reference:	Grid
Wellbore:	OWB	Survey Calculation Method:	Minimum Curvature
Design:	AWP	Database:	edm

Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
425.0	1.27	144.04	425.0	1.2	-0.2	1.2	0.47	0.00	21.04	
450.0	1.01	148.67	449.9	0.8	0.0	0.8	1.10	-1.04	18.52	
475.0	0.71	150.58	474.9	0.5	0.2	0.5	1.21	-1.20	7.64	
500.0	0.59	168.58	499.9	0.2	0.3	0.2	0.94	-0.48	72.00	
525.0	0.46	209.92	524.9	0.0	0.3	0.0	1.56	-0.52	165.36	
550.0	0.52	250.91	549.9	-0.1	0.1	-0.1	1.39	0.24	163.96	
575.0	0.83	267.91	574.9	-0.2	-0.1	-0.2	1.46	1.24	68.00	
600.0	0.89	279.32	599.9	-0.1	-0.5	-0.2	0.72	0.24	45.64	
625.0	1.21	275.71	624.9	-0.1	-1.0	-0.2	1.31	1.28	-14.44	
650.0	1.54	279.50	649.9	0.0	-1.6	-0.1	1.37	1.32	15.16	
675.0	1.73	279.29	674.9	0.1	-2.3	-0.1	0.76	0.76	-0.84	
700.0	1.84	278.71	699.9	0.2	-3.0	0.0	0.45	0.44	-2.32	
723.0	1.71	277.63	722.9	0.3	-3.7	0.1	0.58	-0.57	-4.70	
861.0	1.13	257.10	860.9	0.3	-7.1	-0.2	0.55	-0.42	-14.88	
954.0	0.97	249.12	953.8	-0.2	-8.7	-0.8	0.23	-0.17	-8.58	
1,046.0	0.98	166.24	1,045.8	-1.2	-9.3	-1.9	1.40	0.01	-90.09	
1,137.0	2.89	133.95	1,136.8	-3.6	-7.4	-4.1	2.34	2.10	-35.48	
1,227.0	4.19	121.08	1,226.6	-6.8	-3.0	-7.0	1.68	1.44	-14.30	
1,320.0	4.99	110.06	1,319.3	-10.0	3.7	-9.7	1.28	0.86	-11.85	
1,411.0	6.09	108.64	1,409.9	-12.9	12.0	-12.0	1.22	1.21	-1.56	
1,506.0	7.29	113.35	1,504.2	-16.9	22.3	-15.2	1.39	1.26	4.96	
1,602.0	7.24	117.82	1,599.5	-22.1	33.3	-19.6	0.59	-0.05	4.66	
1,696.0	5.81	116.93	1,692.8	-27.0	42.7	-23.8	1.53	-1.52	-0.95	
1,791.0	4.46	118.27	1,787.5	-31.0	50.3	-27.2	1.43	-1.42	1.41	
1,885.0	5.09	122.67	1,881.1	-35.0	57.0	-30.7	0.77	0.67	4.68	
1,981.0	7.19	119.06	1,976.6	-40.2	65.8	-35.2	2.22	2.19	-3.76	
2,076.0	6.46	121.47	2,070.9	-45.8	75.6	-40.2	0.83	-0.77	2.54	
2,171.0	6.07	121.37	2,165.3	-51.3	84.4	-44.9	0.41	-0.41	-0.11	
2,266.0	8.15	112.59	2,259.6	-56.5	95.0	-49.3	2.46	2.19	-9.24	
2,361.0	9.64	106.49	2,353.5	-61.3	108.8	-53.2	1.85	1.57	-6.42	
2,456.0	8.00	104.32	2,447.3	-65.2	122.8	-56.0	1.76	-1.73	-2.28	
2,550.0	6.94	101.72	2,540.5	-68.0	134.7	-57.9	1.18	-1.13	-2.77	
2,643.0	6.51	98.88	2,632.9	-69.9	145.4	-59.1	0.58	-0.46	-3.05	
2,738.0	6.48	96.83	2,727.3	-71.4	156.1	-59.8	0.25	-0.03	-2.16	
2,832.0	6.33	96.73	2,820.7	-72.6	166.5	-60.2	0.16	-0.16	-0.11	
2,927.0	6.08	94.78	2,915.1	-73.7	176.7	-60.5	0.34	-0.26	-2.05	
3,022.0	5.77	95.26	3,009.6	-74.5	186.5	-60.7	0.33	-0.33	0.51	
3,117.0	5.25	97.17	3,104.2	-75.5	195.5	-61.0	0.58	-0.55	2.01	
3,212.0	4.79	94.46	3,198.8	-76.3	203.8	-61.2	0.54	-0.48	-2.85	
3,306.0	6.51	100.95	3,292.4	-77.7	213.0	-61.9	1.95	1.83	6.90	
3,402.0	6.91	106.77	3,387.7	-80.4	223.8	-63.8	0.82	0.42	6.06	
3,496.0	6.82	115.57	3,481.0	-84.4	234.3	-67.0	1.12	-0.10	9.36	
3,591.0	7.11	118.76	3,575.3	-89.7	244.5	-71.5	0.51	0.31	3.36	

Concho Resources LLC

Survey Report

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Well:	POTATO BABY ST COM #704H	North Reference:	Grid
Wellbore:	OWB	Survey Calculation Method:	Minimum Curvature
Design:	AWP	Database:	edm

Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
3,685.0	6.84	118.47	3,668.7	-95.1	254.5	-76.2	0.29	-0.29	-0.31	
3,781.0	6.67	117.67	3,764.0	-100.5	264.5	-80.8	0.20	-0.18	-0.83	
3,876.0	6.28	116.36	3,858.4	-105.3	274.1	-85.0	0.44	-0.41	-1.38	
3,971.0	6.06	113.93	3,952.8	-109.7	283.3	-88.6	0.36	-0.23	-2.56	
4,066.0	5.70	112.02	4,047.3	-113.5	292.2	-91.7	0.43	-0.38	-2.01	
4,161.0	7.16	118.04	4,141.7	-118.0	301.8	-95.6	1.69	1.54	6.34	
4,256.0	6.45	117.53	4,236.1	-123.3	311.8	-100.1	0.75	-0.75	-0.54	
4,351.0	7.83	119.41	4,330.3	-128.9	322.2	-105.0	1.47	1.45	1.98	
4,445.0	9.56	126.03	4,423.2	-136.6	334.1	-111.8	2.12	1.84	7.04	
4,540.0	8.86	126.12	4,517.0	-145.6	346.4	-119.8	0.74	-0.74	0.09	
4,635.0	8.31	124.55	4,610.9	-153.8	357.9	-127.2	0.63	-0.58	-1.65	
4,730.0	7.77	125.11	4,705.0	-161.4	368.8	-133.9	0.57	-0.57	0.59	
4,825.0	7.26	123.93	4,799.2	-168.4	379.1	-140.2	0.56	-0.54	-1.24	
4,920.0	8.69	128.96	4,893.3	-176.3	389.6	-147.3	1.67	1.51	5.29	
5,015.0	7.76	130.52	4,987.3	-185.0	400.1	-155.2	1.01	-0.98	1.64	
5,109.0	7.02	130.50	5,080.5	-192.8	409.3	-162.3	0.79	-0.79	-0.02	
5,203.0	6.21	129.57	5,173.9	-199.8	417.6	-168.7	0.87	-0.86	-0.99	
5,298.0	5.61	129.79	5,268.4	-206.0	425.1	-174.4	0.63	-0.63	0.23	
5,393.0	5.06	128.56	5,363.0	-211.6	431.9	-179.4	0.59	-0.58	-1.29	
5,487.0	4.72	131.76	5,456.6	-216.8	438.1	-184.1	0.46	-0.36	3.40	
5,582.0	4.37	130.06	5,551.3	-221.7	443.7	-188.6	0.39	-0.37	-1.79	
5,677.0	4.34	127.32	5,646.1	-226.2	449.4	-192.7	0.22	-0.03	-2.88	
5,772.0	4.27	125.39	5,740.8	-230.5	455.1	-196.5	0.17	-0.07	-2.03	
5,867.0	4.08	126.38	5,835.5	-234.5	460.7	-200.1	0.21	-0.20	1.04	
5,962.0	3.75	128.68	5,930.3	-238.5	465.9	-203.7	0.38	-0.35	2.42	
6,056.0	3.59	130.04	6,024.1	-242.3	470.5	-207.2	0.19	-0.17	1.45	
6,151.0	3.26	128.98	6,119.0	-245.9	474.9	-210.4	0.35	-0.35	-1.12	
6,246.0	3.09	129.39	6,213.8	-249.2	479.0	-213.5	0.18	-0.18	0.43	
6,343.0	2.75	137.72	6,310.7	-252.6	482.6	-216.6	0.56	-0.35	8.59	
6,438.0	2.38	147.29	6,405.6	-255.9	485.2	-219.7	0.59	-0.39	10.07	
6,532.0	2.02	158.33	6,499.5	-259.1	486.8	-222.8	0.59	-0.38	11.74	
6,627.0	1.89	174.53	6,594.5	-262.2	487.6	-225.8	0.60	-0.14	17.05	
6,722.0	1.64	173.61	6,689.4	-265.1	487.9	-228.7	0.26	-0.26	-0.97	
6,817.0	1.60	173.40	6,784.4	-267.8	488.2	-231.3	0.04	-0.04	-0.22	
6,911.0	1.59	169.52	6,878.3	-270.4	488.6	-233.9	0.12	-0.01	-4.13	
7,005.0	1.66	100.19	6,972.3	-271.9	490.2	-235.3	1.97	0.07	-73.76	
7,101.0	3.71	94.53	7,068.2	-272.4	494.6	-235.4	2.15	2.14	-5.90	
7,196.0	2.73	82.09	7,163.1	-272.3	499.9	-235.0	1.26	-1.03	-13.09	
7,291.0	1.81	73.26	7,258.0	-271.6	503.6	-234.0	1.03	-0.97	-9.29	
7,387.0	1.53	41.68	7,353.9	-270.2	505.9	-232.4	0.99	-0.29	-32.90	
7,481.0	1.60	28.54	7,447.9	-268.1	507.4	-230.2	0.39	0.07	-13.98	
7,576.0	1.37	320.99	7,542.9	-266.1	507.3	-228.2	1.75	-0.24	-71.11	
7,671.0	2.34	283.49	7,637.8	-264.7	504.7	-227.1	1.58	1.02	-39.47	

Concho Resources LLC

Survey Report

Company:	DELAWARE BASIN WEST	Local Co-ordinate Reference:	Well POTATO BABY ST COM #704H
Project:	ATLAS PROSPECT (NM-E)	TVD Reference:	KB=30' @ 3108.0usft (Pioneer 84)
Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	MD Reference:	KB=30' @ 3108.0usft (Pioneer 84)
Well:	POTATO BABY ST COM #704H	North Reference:	Grid
Wellbore:	OWB	Survey Calculation Method:	Minimum Curvature
Design:	AWP	Database:	edm

Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
7,766.0	2.15	291.49	7,732.8	-263.6	501.1	-226.2	0.39	-0.20	8.42	
7,861.0	0.88	259.71	7,827.7	-263.1	498.8	-225.9	1.55	-1.34	-33.45	
7,956.0	0.80	205.67	7,922.7	-263.8	497.8	-226.7	0.81	-0.08	-56.88	
8,051.0	1.04	202.23	8,017.7	-265.2	497.2	-228.1	0.26	0.25	-3.62	
8,146.0	0.81	211.13	8,112.7	-266.6	496.5	-229.5	0.28	-0.24	9.37	
8,241.0	0.92	169.39	8,207.7	-267.9	496.3	-230.9	0.66	0.12	-43.94	
8,337.0	1.24	142.85	8,303.7	-269.5	497.0	-232.4	0.61	0.33	-27.65	
8,431.0	1.25	135.40	8,397.6	-271.1	498.4	-233.8	0.17	0.01	-7.93	
8,526.0	0.46	134.57	8,492.6	-272.1	499.4	-234.7	0.83	-0.83	-0.87	
8,621.0	0.28	144.48	8,587.6	-272.5	499.8	-235.2	0.20	-0.19	10.43	
8,717.0	0.58	286.74	8,683.6	-272.6	499.5	-235.2	0.85	0.31	148.19	
8,812.0	0.97	285.91	8,778.6	-272.2	498.2	-235.0	0.41	0.41	-0.87	
8,851.0	0.98	283.93	8,817.6	-272.0	497.6	-234.9	0.09	0.03	-5.08	
8,939.0	1.25	274.33	8,905.6	-271.8	495.9	-234.7	0.37	0.31	-10.91	
9,002.0	1.50	295.77	8,968.6	-271.4	494.5	-234.4	0.90	0.40	34.03	
9,049.0	6.95	3.14	9,015.5	-268.3	494.1	-231.3	13.87	11.60	143.34	
9,097.0	12.70	9.92	9,062.7	-260.2	495.1	-223.2	12.20	11.98	14.13	
9,144.0	17.86	14.12	9,108.1	-248.1	497.8	-210.9	11.22	10.98	8.94	
9,192.0	23.28	20.24	9,153.0	-232.0	502.9	-194.6	12.13	11.29	12.75	
9,239.0	28.87	24.31	9,195.2	-212.9	510.8	-175.0	12.48	11.89	8.66	
9,286.0	34.56	22.32	9,235.2	-190.3	520.5	-151.6	12.31	12.11	-4.23	
9,333.0	38.48	19.84	9,272.9	-164.2	530.5	-124.9	8.91	8.34	-5.28	
9,381.0	39.54	20.26	9,310.2	-135.8	540.9	-95.8	2.28	2.21	0.88	
9,428.0	40.86	20.55	9,346.1	-107.3	551.5	-66.7	2.84	2.81	0.62	
9,475.0	43.82	22.40	9,380.9	-77.9	563.1	-36.4	6.83	6.30	3.94	
9,522.0	47.54	22.21	9,413.7	-46.8	575.8	-4.5	7.92	7.91	-0.40	
9,524.5	47.76	22.18	9,415.4	-45.1	576.5	-2.7	8.99	8.94	-1.39	
FTP @ 9525' MD										
9,571.0	51.92	21.57	9,445.3	-12.1	589.8	31.1	8.99	8.94	-1.30	
9,618.0	57.04	24.74	9,472.7	23.0	604.8	67.3	12.20	10.89	6.74	
9,666.0	61.90	27.41	9,497.0	60.1	623.0	105.6	11.20	10.13	5.56	
9,713.0	63.96	27.82	9,518.4	97.2	642.4	144.0	4.45	4.38	0.87	
9,760.0	65.87	24.34	9,538.3	135.5	661.1	183.5	7.84	4.06	-7.40	
9,807.0	69.80	23.72	9,556.1	175.2	678.8	224.5	8.45	8.36	-1.32	
9,855.0	74.11	23.36	9,570.9	217.0	697.0	267.5	9.01	8.98	-0.75	
9,902.0	74.84	22.12	9,583.5	258.8	714.5	310.4	2.98	1.55	-2.64	
9,950.0	77.46	19.79	9,595.0	302.3	731.2	355.1	7.21	5.46	-4.85	
9,997.0	82.75	18.07	9,603.1	346.1	746.2	399.8	11.82	11.26	-3.66	
10,045.0	88.47	18.75	9,606.8	391.5	761.3	446.2	12.00	11.92	1.42	
10,140.0	89.35	22.28	9,608.6	480.4	794.6	537.3	3.83	0.93	3.72	
10,234.0	90.40	18.38	9,608.8	568.6	827.3	627.6	4.30	1.12	-4.15	
10,329.0	91.06	14.44	9,607.6	659.7	854.1	720.5	4.20	0.69	-4.15	
10,424.0	90.82	14.40	9,606.0	751.7	877.7	813.9	0.26	-0.25	-0.04	
10,519.0	90.89	14.42	9,604.6	843.7	901.4	907.4	0.08	0.07	0.02	

Concho Resources LLC

Survey Report

Company:	DELAWARE BASIN WEST	Local Co-ordinate Reference:	Well POTATO BABY ST COM #704H
Project:	ATLAS PROSPECT (NM-E)	TVD Reference:	KB=30' @ 3108.0usft (Pioneer 84)
Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	MD Reference:	KB=30' @ 3108.0usft (Pioneer 84)
Well:	POTATO BABY ST COM #704H	North Reference:	Grid
Wellbore:	OWB	Survey Calculation Method:	Minimum Curvature
Design:	AWP	Database:	edm

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
10,614.0	91.18	15.59	9,602.9	935.4	926.0	1,000.7	1.27	0.31	1.23
10,706.0	90.26	15.81	9,601.7	1,024.0	950.9	1,090.9	1.03	-1.00	0.24
10,765.0	90.62	16.99	9,601.3	1,080.6	967.5	1,148.5	2.09	0.61	2.00
10,828.0	91.44	17.11	9,600.1	1,140.8	986.0	1,209.9	1.32	1.30	0.19
10,924.0	89.73	12.85	9,599.1	1,233.5	1,010.8	1,304.2	4.78	-1.78	-4.44
11,018.0	89.93	5.38	9,599.4	1,326.2	1,025.7	1,397.8	7.95	0.21	-7.95
11,113.0	89.51	3.34	9,599.9	1,420.9	1,032.9	1,492.8	2.19	-0.44	-2.15
11,208.0	89.79	359.06	9,600.5	1,515.9	1,034.9	1,587.6	4.51	0.29	-4.51
11,303.0	90.25	356.21	9,600.4	1,610.8	1,031.0	1,682.0	3.04	0.48	-3.00
11,398.0	91.78	356.06	9,598.8	1,705.6	1,024.6	1,776.1	1.62	1.61	-0.16
11,493.0	93.69	356.14	9,594.2	1,800.2	1,018.1	1,870.0	2.01	2.01	0.08
11,589.0	90.85	358.12	9,590.4	1,896.0	1,013.3	1,965.2	3.61	-2.96	2.06
11,684.0	90.53	358.22	9,589.3	1,991.0	1,010.3	2,059.6	0.35	-0.34	0.11
11,779.0	88.74	358.50	9,589.9	2,085.9	1,007.6	2,154.1	1.91	-1.88	0.29
11,875.0	90.16	358.66	9,590.8	2,181.9	1,005.2	2,249.7	1.49	1.48	0.17
11,970.0	91.18	359.06	9,589.7	2,276.9	1,003.3	2,344.3	1.15	1.07	0.42
12,066.0	87.80	357.46	9,590.5	2,372.8	1,000.4	2,439.7	3.90	-3.52	-1.67
12,161.0	87.23	356.65	9,594.7	2,467.6	995.5	2,533.9	1.04	-0.60	-0.85
12,256.0	88.44	357.15	9,598.3	2,562.4	990.4	2,628.1	1.38	1.27	0.53
12,351.0	89.11	357.17	9,600.3	2,657.2	985.7	2,722.3	0.71	0.71	0.02
12,447.0	89.67	357.45	9,601.3	2,753.1	981.2	2,817.6	0.65	0.58	0.29
12,541.0	90.42	357.50	9,601.2	2,847.0	977.0	2,911.0	0.80	0.80	0.05
12,636.0	90.85	357.15	9,600.2	2,941.9	972.6	3,005.3	0.58	0.45	-0.37
12,731.0	90.50	356.54	9,599.1	3,036.8	967.4	3,099.5	0.74	-0.37	-0.64
12,825.0	91.18	356.77	9,597.7	3,130.6	961.9	3,192.7	0.76	0.72	0.24
12,920.0	92.58	356.81	9,594.6	3,225.4	956.6	3,286.8	1.47	1.47	0.04
13,014.0	91.07	358.17	9,591.6	3,319.3	952.4	3,380.1	2.16	-1.61	1.45
13,109.0	92.01	357.30	9,589.0	3,414.2	948.7	3,474.5	1.35	0.99	-0.92
13,204.0	90.64	357.33	9,586.8	3,509.0	944.2	3,568.8	1.44	-1.44	0.03
13,298.0	89.44	359.58	9,586.8	3,603.0	941.7	3,662.3	2.71	-1.28	2.39
13,393.0	88.56	359.38	9,588.4	3,698.0	940.8	3,756.9	0.95	-0.93	-0.21
13,488.0	87.11	359.51	9,592.0	3,792.9	939.9	3,851.6	1.53	-1.53	0.14
13,582.0	84.81	359.20	9,598.6	3,886.6	938.9	3,945.0	2.47	-2.45	-0.33
13,677.0	85.84	359.73	9,606.4	3,981.3	938.0	4,039.3	1.22	1.08	0.56
13,772.0	85.86	358.98	9,613.2	4,076.1	936.9	4,133.7	0.79	0.02	-0.79
13,865.0	85.97	359.48	9,619.9	4,168.8	935.7	4,226.2	0.55	0.12	0.54
13,959.0	85.74	359.44	9,626.7	4,262.6	934.8	4,319.6	0.25	-0.24	-0.04
14,054.0	90.19	357.98	9,630.0	4,357.5	932.7	4,414.1	4.93	4.68	-1.54
14,149.0	89.27	356.49	9,630.5	4,452.3	928.1	4,508.4	1.84	-0.97	-1.57
14,242.0	89.73	356.53	9,631.3	4,545.2	922.4	4,600.5	0.50	0.49	0.04
14,337.0	90.08	356.82	9,631.5	4,640.0	916.9	4,694.7	0.48	0.37	0.31
14,432.0	93.91	358.45	9,628.1	4,734.8	913.0	4,789.0	4.38	4.03	1.72
14,526.0	93.75	357.92	9,621.9	4,828.6	910.0	4,882.3	0.59	-0.17	-0.56

Concho Resources LLC

Survey Report

Company:	DELAWARE BASIN WEST	Local Co-ordinate Reference:	Well POTATO BABY ST COM #704H
Project:	ATLAS PROSPECT (NM-E)	TVD Reference:	KB=30' @ 3108.0usft (Pioneer 84)
Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	MD Reference:	KB=30' @ 3108.0usft (Pioneer 84)
Well:	POTATO BABY ST COM #704H	North Reference:	Grid
Wellbore:	OWB	Survey Calculation Method:	Minimum Curvature
Design:	AWP	Database:	edm

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
14,622.0	93.91	357.70	9,615.5	4,924.3	906.3	4,977.5	0.28	0.17	-0.23
14,716.0	90.55	359.92	9,611.8	5,018.2	904.4	5,071.0	4.28	-3.57	2.36
14,811.0	88.82	359.19	9,612.3	5,113.2	903.7	5,165.6	1.98	-1.82	-0.77
14,906.0	88.68	358.67	9,614.4	5,208.1	901.9	5,260.2	0.57	-0.15	-0.55
15,000.0	88.31	358.21	9,616.9	5,302.1	899.3	5,353.7	0.63	-0.39	-0.49
15,095.0	87.06	357.92	9,620.7	5,396.9	896.1	5,448.1	1.35	-1.32	-0.31
15,190.0	87.13	357.56	9,625.5	5,491.7	892.4	5,542.4	0.39	0.07	-0.38
15,285.0	88.39	357.12	9,629.2	5,586.6	888.0	5,636.6	1.40	1.33	-0.46
15,380.0	91.69	1.14	9,629.2	5,681.5	886.5	5,731.2	5.47	3.47	4.23
15,475.0	93.31	1.55	9,625.0	5,776.4	888.8	5,826.0	1.76	1.71	0.43
15,570.0	95.45	1.82	9,617.8	5,871.1	891.5	5,920.6	2.27	2.25	0.28
15,665.0	90.79	0.89	9,612.6	5,965.9	893.8	6,015.3	5.00	-4.91	-0.98
15,760.0	93.81	1.07	9,608.8	6,060.8	895.4	6,110.1	3.18	3.18	0.19
15,855.0	88.81	0.07	9,606.6	6,155.7	896.4	6,204.9	5.37	-5.26	-1.05
15,949.0	84.58	359.16	9,612.0	6,249.5	895.7	6,298.4	4.60	-4.50	-0.97
16,044.0	86.00	358.92	9,619.8	6,344.2	894.1	6,392.7	1.52	1.49	-0.25
16,139.0	89.28	359.64	9,623.7	6,439.1	892.9	6,487.2	3.53	3.45	0.76
16,233.0	85.06	358.04	9,628.4	6,532.9	891.1	6,580.7	4.80	-4.49	-1.70
16,328.0	87.60	358.26	9,634.5	6,627.7	888.0	6,674.9	2.68	2.67	0.23
16,422.0	88.42	358.66	9,637.7	6,721.6	885.5	6,768.4	0.97	0.87	0.43
16,517.0	88.98	359.08	9,639.9	6,816.6	883.6	6,863.0	0.74	0.59	0.44
16,612.0	91.79	359.62	9,639.2	6,911.5	882.5	6,957.6	3.01	2.96	0.57
16,706.0	87.83	359.77	9,639.6	7,005.5	882.0	7,051.3	4.22	-4.21	0.16
16,801.0	89.05	359.96	9,642.1	7,100.5	881.8	7,146.0	1.30	1.28	0.20
16,896.0	91.53	359.64	9,641.7	7,195.5	881.5	7,240.7	2.63	2.61	-0.34
16,991.0	90.65	359.87	9,639.9	7,290.5	881.1	7,335.4	0.96	-0.93	0.24
17,086.0	88.70	359.58	9,640.4	7,385.4	880.6	7,430.1	2.08	-2.05	-0.31
17,178.0	88.74	359.94	9,642.4	7,477.4	880.2	7,521.8	0.39	0.04	0.39
17,273.0	88.76	359.72	9,644.5	7,572.4	879.9	7,616.5	0.23	0.02	-0.23
17,367.0	88.62	359.74	9,646.7	7,666.4	879.5	7,710.2	0.15	-0.15	0.02
17,462.0	88.63	358.89	9,648.9	7,761.3	878.4	7,804.8	0.89	0.01	-0.89
17,556.0	89.73	358.25	9,650.3	7,855.3	876.0	7,898.4	1.35	1.17	-0.68
17,650.0	90.79	357.14	9,649.9	7,949.2	872.2	7,991.8	1.63	1.13	-1.18
17,745.0	91.57	357.51	9,647.9	8,044.1	867.8	8,086.1	0.91	0.82	0.39
17,839.0	91.86	357.18	9,645.1	8,138.0	863.4	8,179.3	0.47	0.31	-0.35
17,934.0	92.77	0.05	9,641.3	8,232.8	861.1	8,273.8	3.17	0.96	3.02
18,029.0	92.73	0.15	9,636.7	8,327.7	861.3	8,368.4	0.11	-0.04	0.11
18,123.0	92.46	0.26	9,632.4	8,421.6	861.6	8,462.1	0.31	-0.29	0.12
18,217.0	91.28	1.39	9,629.4	8,515.6	863.0	8,555.9	1.74	-1.26	1.20
18,312.0	90.40	1.48	9,628.0	8,610.5	865.4	8,650.8	0.93	-0.93	0.09
18,406.0	89.01	1.27	9,628.5	8,704.5	867.6	8,744.7	1.50	-1.48	-0.22
18,501.0	88.56	0.43	9,630.5	8,799.5	869.0	8,839.5	1.00	-0.47	-0.88
18,596.0	89.31	1.52	9,632.2	8,894.4	870.7	8,934.3	1.39	0.79	1.15
18,690.0	89.61	1.15	9,633.1	8,988.4	872.9	9,028.2	0.51	0.32	-0.39

Concho Resources LLC

Survey Report

Company:	DELAWARE BASIN WEST	Local Co-ordinate Reference:	Well POTATO BABY ST COM #704H
Project:	ATLAS PROSPECT (NM-E)	TVD Reference:	KB=30' @ 3108.0usft (Pioneer 84)
Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	MD Reference:	KB=30' @ 3108.0usft (Pioneer 84)
Well:	POTATO BABY ST COM #704H	North Reference:	Grid
Wellbore:	OWB	Survey Calculation Method:	Minimum Curvature
Design:	AWP	Database:	edm

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
18,784.0	89.61	1.99	9,633.8	9,082.4	875.4	9,122.1	0.89	0.00	0.89
18,879.0	89.15	2.47	9,634.8	9,177.3	879.1	9,217.0	0.70	-0.48	0.51
18,973.0	89.32	3.10	9,636.1	9,271.2	883.7	9,311.0	0.69	0.18	0.67
19,068.0	90.36	3.45	9,636.3	9,366.0	889.1	9,406.0	1.16	1.09	0.37
19,163.0	91.24	3.90	9,635.0	9,460.8	895.2	9,501.0	1.04	0.93	0.47
19,258.0	91.57	2.61	9,632.7	9,555.6	900.6	9,595.9	1.40	0.35	-1.36
19,353.0	89.12	1.20	9,632.1	9,650.6	903.8	9,690.8	2.98	-2.58	-1.48
19,448.0	89.31	1.02	9,633.4	9,745.5	905.6	9,785.7	0.28	0.20	-0.19
19,543.0	89.49	1.22	9,634.4	9,840.5	907.5	9,880.5	0.28	0.19	0.21
19,638.0	89.55	1.29	9,635.2	9,935.5	909.5	9,975.4	0.10	0.06	0.07
19,733.0	88.60	0.31	9,636.7	10,030.5	910.9	10,070.2	1.44	-1.00	-1.03
19,828.0	89.11	0.09	9,638.6	10,125.4	911.2	10,165.0	0.58	0.54	-0.23
19,923.0	89.60	359.77	9,639.7	10,220.4	911.1	10,259.7	0.62	0.52	-0.34
20,017.0	90.63	359.70	9,639.5	10,314.4	910.6	10,353.4	1.10	1.10	-0.07
20,112.0	91.32	358.96	9,637.9	10,409.4	909.5	10,448.1	1.06	0.73	-0.78
20,207.0	89.25	359.41	9,637.4	10,504.4	908.2	10,542.7	2.23	-2.18	0.47
20,302.0	90.07	359.32	9,638.0	10,599.4	907.1	10,637.4	0.87	0.86	-0.09
20,397.0	89.14	359.52	9,638.6	10,694.4	906.2	10,732.0	1.00	-0.98	0.21
20,492.0	88.96	359.84	9,640.2	10,789.4	905.6	10,826.7	0.39	-0.19	0.34
20,586.0	88.83	359.53	9,642.0	10,883.3	905.1	10,920.4	0.36	-0.14	-0.33
20,681.0	90.52	359.60	9,642.6	10,978.3	904.4	11,015.1	1.78	1.78	0.07
20,776.0	89.24	359.88	9,642.8	11,073.3	904.0	11,109.8	1.38	-1.35	0.29
20,871.0	89.01	359.96	9,644.2	11,168.3	903.8	11,204.5	0.26	-0.24	0.08
20,967.0	88.18	0.71	9,646.6	11,264.3	904.4	11,300.3	1.17	-0.86	0.78
21,062.0	86.83	0.29	9,650.7	11,359.2	905.2	11,395.0	1.49	-1.42	-0.44
21,157.0	86.31	359.12	9,656.4	11,454.0	904.7	11,489.5	1.35	-0.55	-1.23
21,252.0	86.53	359.07	9,662.3	11,548.8	903.2	11,584.0	0.24	0.23	-0.05
21,347.0	86.73	359.36	9,667.9	11,643.6	901.9	11,678.4	0.37	0.21	0.31
21,442.0	86.25	358.54	9,673.7	11,738.4	900.2	11,772.9	1.00	-0.51	-0.86
21,537.0	86.32	358.28	9,679.9	11,833.2	897.6	11,867.2	0.28	0.07	-0.27
21,632.0	85.79	358.27	9,686.4	11,927.9	894.7	11,961.4	0.56	-0.56	-0.01
21,727.0	86.37	358.01	9,692.9	12,022.7	891.6	12,055.7	0.67	0.61	-0.27
21,789.0	86.87	358.32	9,696.5	12,084.5	889.7	12,117.2	0.95	0.81	0.49
LTP @ 21789'MD									
21,822.0	87.14	358.48	9,698.3	12,117.5	888.7	12,150.0	0.95	0.81	0.49
21,859.0	87.37	358.57	9,700.0	12,154.4	887.8	12,186.8	0.67	0.62	0.24
LAST MWD @ 21859'MD									
21,915.0	87.37	358.57	9,702.6	12,210.3	886.4	12,242.5	0.00	0.00	0.00
PTD @ 21915'MD									

Concho Resources LLC
Survey Report

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Site:	POTATO BABY STATE PROJECT (ATLAS 2628)	MD Reference:	KB=30' @ 3108.0usft (Pioneer 84)
Well:	POTATO BABY ST COM #704H	North Reference:	Grid
Wellbore:	OWB	Survey Calculation Method:	Minimum Curvature
Design:	AWP	Database:	edm

Design Annotations					
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment	
		+N/-S (usft)	+E/-W (usft)		
9,524.5	9,415.4	-45.1	576.5	FTP @ 9525' MD	
21,789.0	9,696.5	12,084.5	889.7	LTP @ 21789'MD	
21,859.0	9,700.0	12,154.4	887.8	LAST MWD @ 21859'MD	
21,915.0	9,702.6	12,210.3	886.4	PTD @ 21915'MD	

Checked By: _____	Approved By: _____	Date: _____
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Submit a Copy To Appropriate District Office
 District I – (575) 393-6161
 1625 N. French Dr., Hobbs, NM 88240
 District II – (575) 748-1283
 811 S. First St., Artesia, NM 88210
 District III – (505) 334-6178
 1000 Rio Brazos Rd., Aztec, NM 87410
 District IV – (505) 476-3460
 1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
 Energy, Minerals and Natural Resources

Form C-103
 Revised July 18, 2013

OIL CONSERVATION DIVISION
 1220 South St. Francis Dr.
 Santa Fe, NM 87505

WELL API NO. 30-015-47463
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name POTATO BABY STATE COM
8. Well Number 704H
9. OGRID Number 229137
10. Pool name or Wildcat

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)	
1. Type of Well: Oil Well ☐ Gas Well ☒ Other	
2. Name of Operator COG OPERATING LLC	
3. Address of Operator 600 W ILLINOIS AVE, MIDLAND, TX 79701	
4. Well Location Unit Letter <u>2</u> : <u>380</u> feet from the <u>S</u> line and <u>1385</u> feet from the <u>W</u> line Section <u>34</u> Township <u>26S</u> Range <u>28E</u> NMPM County <u>EDDY</u>	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3083' GR	

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐ TEMPORARILY ABANDON ☐ CHANGE PLANS ☐ PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐ DOWNHOLE COMMINGLE ☐ CLOSED-LOOP SYSTEM ☐ OTHER: ☐	REMEDIAL WORK ☐ ALTERING CASING ☐ COMMENCE DRILLING OPNS. ☐ P AND A ☐ CASING/CEMENT JOB ☐ OTHER: Hydraulic Frac ☒

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

3/10/2021 Test 9 5/8" x 5 1/2" annulus to 1500#

4/1/2021 Set CBD @ 21,735' and test csg to 11,695psi. Good Test.

5/14/2021 – 6/7/2021 Perf 9,807 – 21,715' (1460 Shots) Frac w 29,898,0525# proppant, and 50,211,714gal fluid.

6/10/2021 – 6/11/2021 Drilled out CPFs. Clean down to PBTD @ 21,735'.

6/30/2021 Set 2 7/8 6.5# L-80tbg @ 9,001'. Packer @8,984'. Installed gas lift system.

7/25/2021 - Began flowback, testing, and date of first production.

Spud Date:

11/28/2020

Rig Release Date:

1/27/2021

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

SIGNATURE D. Walkup TITLE Regulatory Coordinator DATE 11/2/2021

Type or print name DANIELLE D WALKUP E-mail address: d.d.walkup@conocophillips.com PHONE: 432-688-9053

For State Use Only

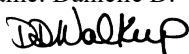
APPROVED BY: _____ TITLE _____ DATE _____

Conditions of Approval (if any):

Submit To Appropriate District Office Two Copies <u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 <u>District II</u> 811 S. First St., Artesia, NM 88210 <u>District III</u> 1000 Rio Brazos Rd., Aztec, NM 87410 <u>District IV</u> 1220 S. St. Francis Dr., Santa Fe, NM 87505		State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505			Form C-105 Revised April 3, 2017					
WELL COMPLETION OR RECOMPLETION REPORT AND LOG								1. WELL API NO. 30-015-47463		
4. Reason for filing: ☒ COMPLETION REPORT (Fill in boxes #1 through #31 for State and Fee wells only) ☐ C-144 CLOSURE ATTACHMENT (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC)								5. Lease Name or Unit Agreement Name POTATO BABY STATE COM		
								6. Well Number: 704H		
7. Type of Completion: ☒ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER										
8. Name of Operator COG Operating						9. OGRID 229137				
10. Address of Operator 600 W. Illinois Ave Midland, TX 79701						11. Pool name or Wildcat Purple Sage; Wolfcamp (Gas)				
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	F	34	26S	28E	2	380	S	1385	W	EDDY
BH:	C	22	26S	28E	C	200	N	2310	W	EDDY
13. Date Spudded 11/28/2020	14. Date T.D. Reached 1/24/2021		15. Date Rig Released 1/27/2021			16. Date Completed (Ready to Produce) 7/25/2021		17. Elevations (DF and RKB, RT, GR, etc.) 3083		
18. Total Measured Depth of Well 21915			19. Plug Back Measured Depth 21735			20. Was Directional Survey Made? Y		21. Type Electric and Other Logs Run CNL		
22. Producing Interval(s), of this completion - Top, Bottom, Name WOLFCAMP										
23. CASING RECORD (Report all strings set in well)										
CASING SIZE		WEIGHT LB./FT.		DEPTH SET		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED
10.75		45.50		850		14.75		596 SKS		
7.675		29.70		8910		9.875		950 SKS		
5.5		23.0		21915		6.75		1345 SKS		
24. LINER RECORD										
SIZE	TOP	BOTTOM	SACKS CEMENT		SCREEN		25. TUBING RECORD			
							SIZE	DEPTH SET	PACKER SET	
							2.875	9001	8984	
26. Perforation record (interval, size, and number) 9807-21715							27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.			
							DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED	
							9807-21715		PROPPANT = 29,898,052LBS OF 100 MESH IN 1,195,517BBLS FLUID	
28. PRODUCTION										
Date First Production 7/25/2021		Production Method (Flowing, gas lift, pumping - Size and type pump) GAS LIFT					Well Status (Prod. or Shut-in) PRODUCING			
Date of Test 7/25/2021	Hours Tested 24	Choke Size 20/128	Prod'n For Test Period	Oil - Bbl 256	Gas - MCF 843	Water - Bbl. 4068	Gas - Oil Ratio 3293			
Flow Tubing Press. 1077	Casing Pressure 3	Calculated 24-Hour Rate	Oil - Bbl. 256	Gas - MCF 843	Water - Bbl. 4068	Oil Gravity - API - (Corr.) 50.2				
29. Disposition of Gas (Sold, used for fuel, vented, etc.) SOLD								30. Test Witnessed By		
31. List Attachments C102, Logs, Frac Sundry, & Final Directional Plan										
32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.								33. Rig Release Date:		
34. If an on-site burial was used at the well, report the exact location of the on-site burial: Latitude Longitude NAD83										

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

Printed Name: Danielle D. Walkup

Signature 

Title Regulatory Coord.

Date: 4/11/2022

E-mail Address: d.d.walkup@conocophillips.com

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 and not later than 60 days after completion of closure. When submitted as a completion report, this 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 11, 12 and 26-31 shall be reported for each zone.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico		Northwestern New Mexico	
T.Lamar 2535	T. Canyon	T. Ojo Alamo	T. Penn A"
T. Bell Canyon 2571	T. Strawn	T. Kirtland	T. Penn. "B"
B. Salt	T. Atoka	T. Fruitland	T. Penn. "C"
T. Cherry Canyon 3438	T. Miss	T. Pictured Cliffs	T. Penn. "D"
T. Brushy Canyon 4664	T. Devonian	T. Cliff House	T. Leadville
T. 1 st Bone Spring 7205	T. Silurian	T. Menefee	T. Madison
T. 2 nd Bone Spring 7894	T. Montoya	T. Point Lookout	T. Elbert
T. 3 rd Bone Spring 8981	T. Simpson	T. Mancos	T. McCracken
T. Wolfcamp 9358	T. McKee	T. Gallup	T. Ignacio Otzte
	T. Ellenburger	Base Greenhorn	T. Granite
	T. Gr. Wash	T. Dakota	
	T. Delaware Sand	T. Morrison	
	T. Bone Springs	T. Todilto	
	T.	T. Entrada	
	T.	T. Wingate	
	T.	T. Chinle	
	T.	T. Permian	

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.....

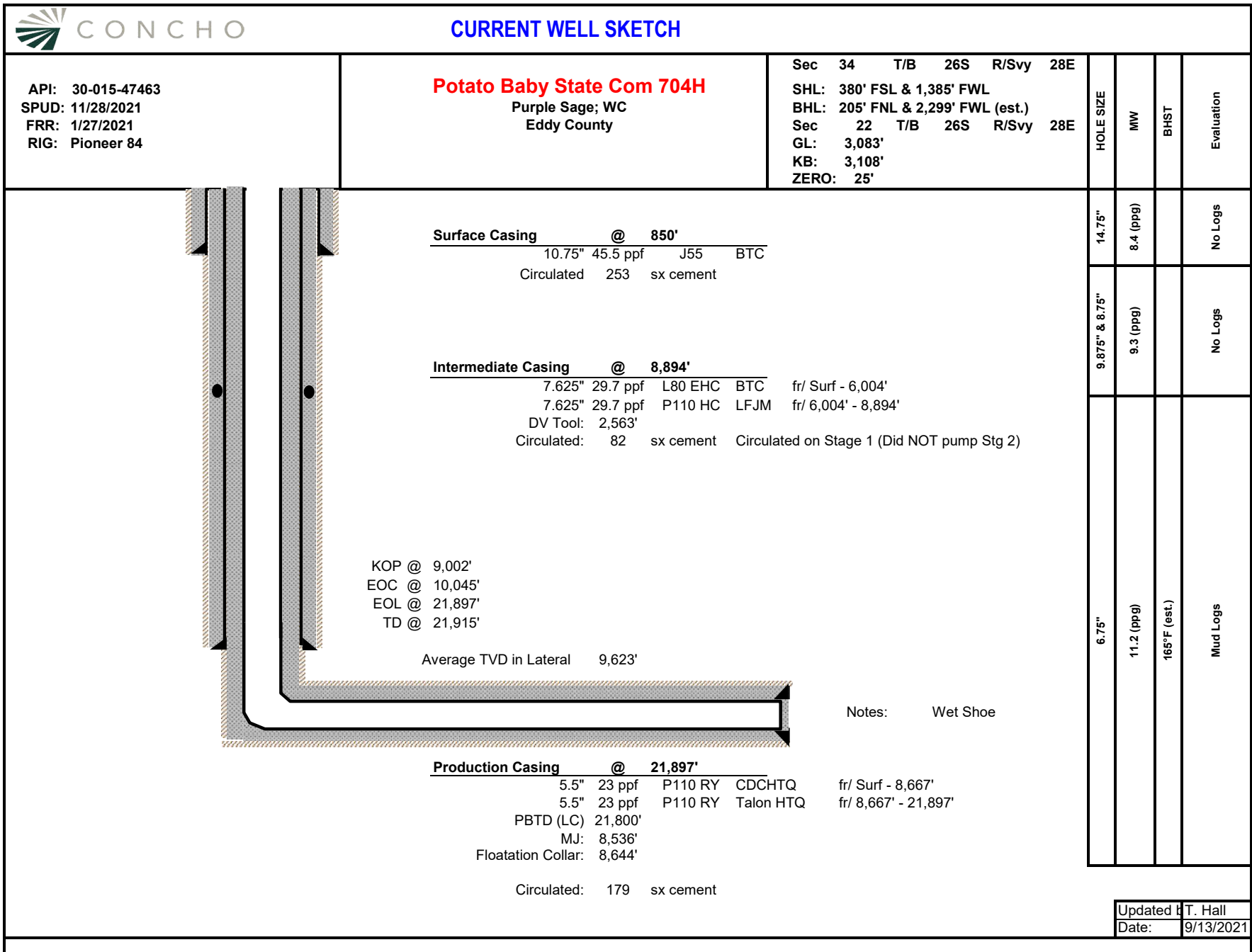
No. 2, from.....to.....feet.....

No. 3, from.....to.....feet.....

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology	From	To	Thickness In Feet	Lithology
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Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/oed/contact-us>

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

ACKNOWLEDGMENTS

Action 146640

ACKNOWLEDGMENTS

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 146640
	Action Type: [C-104] Completion Packet (C-104C)

ACKNOWLEDGMENTS

☒	I hereby certify that the required Water Use Report has been, or will be, submitted for this wells completion.
☒	I hereby certify that the required FracFocus disclosure has been, or will be, submitted for this wells completion.

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Phone: (505) 476-3441

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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 146640

CONDITIONS

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 146640
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	None	11/15/2024