

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No 1004-0137
Expires July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

5. Lease Serial No.
NMLC029420A

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE – Other instructions on page 2.

1 Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

7. If Unit of CA/Agreement, Name and/or No
NMNM71030C

8 Well Name and No.
Skelly Unit 833

2 Name of Operator
CHEVRON USA INCORPORATED COG Operating LLC (Agent)

9. API Well No.
30-015-38448

3a Address
(Agent)
550 W. Texas Ave., Suite 100 Midland, TX 79701

3b Phone No. (include area code)
432-818-2319

10. Field and Pool or Exploratory Area
FREN; GLORIETA-YESO

4 Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 15 T17S R31E 900 FNL 1851 FEL, Unit B

11. Country or Parish, State
EDDY COUNTY, NM

12 CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☒ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	Drilling Operations
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13 Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof If the proposal is to deepen directionally or recompleate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones Attach the Bond under which the work will be performed or provide the Bond No on file with BLM/BIA Required subsequent reports must be filed within 30 days following completion of the involved operations If the operation results in a multiple completion or recompleation in a new interval, a Form 3160-4 must be filed once testing has been completed Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection)

8/09/11 MIRU. Tested BOP to 3500# for 30 min, Good.

8/10/11 Drill DV tool.

8/18/11 Perf Lower Blinbry @ 6204 - 6460 w/1 SPF, 51 holes.

8/19/11 Acidized w/2500 gals 15% HCL. Frac w/155,643 gals gel, 161,726# 16/30

Ottawa sand, 18,029# 16/30 CRC. Set CBP @ 6170.

Perf Middle Blinbry @ 5890 - 6140 w/1 SPF, 26 holes. Acidized w/2500 gals 15% HCL. Frac w/117,226 gals

gel, 154,915# 16/30 Ottawa sand, 30,123# 16/30 CRC. Set CBP @ 5850.

Perf Upper Blinbry @ 5570 - 5820 w/1 SPF, 26 holes. Acidized w/2500 gals 15% HCL. Frac w/114,011 gals gel, 145,495# 16/30 Ottawa

sand, 29,898# 16/30 CRC. Set CBP @ 5300.

8/20/11 Perf Paddock @ 5160 - 5273 w/1 SPF, 38 holes. Acidized w/3700 gals 15% HCL. Frac w/138,531 gals gel, 132,292# 16/30 Ottawa sand, 16,008# 16/30 CRC.

8/23/11 Drilled out plugs. Clean out to PBTD 6690.

8/24/11 RIH w/192 jts 2-7/8" J55 6.5# tbgs, EOT @ 6265. RIH w/2-1/2" x 2" x 24' pump.

8/25/11 Hang well on.

Well is Shut-in waiting on facility.

Accepted for record

NMOCD

10/18/2011

14 I hereby certify that the foregoing is true and correct Name (Printed/Typed)

Netha Aaron

Title PREPARER

Signature

N. Aaron

Date 10/18/2011

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

Conditions of approval, if any, are attached Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon

Office

Title 18 U S C Section 1001 and Title 43 U S C Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on page 2)

Operator: COG Well Name: Skelly Unit #833

OGRID: 229137 API: 30-0 15 - 38448 Lease Type (F) S P

Date C104 rec'd 10/20/2011 C-104 filed for N (X) RT PB RE DHC Other
Date of file review / /

Inactive Well List 6 ²²⁹¹³⁷ out of 3120
Additional Bonding: OK

Chevron 4323
461444
OK

APD Approval Date 01/20/2011
Pit Permit Approval 02/10/2011 Permit # 211155 Pit Closure: 08/07/2011

Spud notice ✓ 01/20/2011

Casing:

Surface	<u>13,375</u>	amended required <u> </u>
Intermediate	<u>8,625</u>	amended required <u> </u>
Production	<u>5.5</u>	amended required <u> </u>

TD Reached: 8/5/11
Rig Released: / /

Deviation Survey: 1.54 @ 1498 TD @

Standard or Directional Survey 10/20/11 MD 5743 TVD 6730

"As Drilled" or Amended C-102 ✓

BHL: UL B S 15 T 175 R 31E Footages 909 INL/FSL 1080 FWL/FEL

Completion Sundry: 10/20/11

Completion Report: 10/20/11

Logs 10-20-11 (2)

COMPLIANCE: NSL NSP
DHC ART

OTHER REQUIREMENTS:

Inactive Well List /
Additional Bonding

Date to TCS / RD for approval 12/14/11

Reviewed by: dm

DENIED / /

CAVALOZ DRILLING

P O. BOX 1500 (575) 3910699 FAX (575) 391- 3824 HOBBS, NEW MEXICO 88241

INCLINATION REPORT

DATE: 8/15/11

30-015-38448

WELL NAME AND NUMBER SKELLY UNIT # 833
LOCATION EDDY COUNTY
OPERATOR: COG LLC
DRILLING CONTRACTOR: CAVALOZ DRILLING RIG #1

THE UNDERSIGNED HEREBY CERTIFIES THAT HE IS AN AUTHORIZED REPRESENTATIVE OF THE DRILLING CONTRACTOR WHO DRILLED THE ABOVE DESCRIBED WELL AND THAT HE HAS CONDUCTED DEVIATION TEST AND OBTAINED THE FOLLOWING RESULTS:

DEGREE	DEPTH	DEGREE	DEPTH	DEGREE	DEPTH
0.98	264				
0.64	598				
0.84	1031				
1.54	1498				

DRILLING CONTRACTOR:
CAVALOZ DRILLING

BY: Bob Wegner
BOB WEGNER
DRILLING SUPERINTENDENT

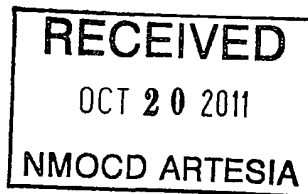


SUBSCRIBED AND SWORN TO BEFORE ME ON THE 15th DAY OF August, 2011

MY COMMISSION EXPIRES 03/01/15 Jessica Bueno



OFFICIAL SEAL
JESSICA BUENO
NOTARY PUBLIC - STATE OF NEW MEXICO
My commission expires: 03/01/15



Skelly Unit #833 - Final Survey Report.txt

COG Operating LLC

Skelly Unit #833 - Actual
Eddy County, NM (NAN27 NME)
Ground Elevation: 3897.0'
KB Datum Elevation: 3910.0'

30-015-38448

All data are in feet unless otherwise stated. Directions and coordinates are relative to Grid North.
Vertical depths are relative to KB Elev (13'). Northings and Eastings are relative to Site.

The Dogleg Severity is in Degrees per 100 feet.
Vertical Section is from Slot and calculated along an Azimuth of 112.290° (Grid).

Coordinate System is NAD 1927 (NADCON CONUS) US State Plane 1927 (Exact solution), New Mexico East 3001.
Grid Convergence at Surface is 0.260°.

Based upon Minimum Curvature type calculations, at a Measured Depth of 6743.00ft.,
the Bottom Hole Displacement is 164.73ft., in the Direction of 112.290° (Grid).

Survey Tools:

H 100.00 - 1670.00 GYRO SURVEY : KEEPER
H 1950.00 - 4300.00 MWD SURVEY : KEEPER
H 4300.00 - 6743.00 ST MWD SURVEY : MWD

Survey Report:

Measured Depth ft	Incl.	Azim.	Sub-Sea Depth ft	Vertical Depth ft	Local Coordinates		UTM Coordinates		Vertical Section ft	Dogleg Rate 100 feet
					Northings ft	Eastings ft	Northings (ft)	Eastings (ft)		
0.00	0.00	0.00	-3910.00	0.00	0.00 N	0.00 E	669372.80 N	647096.70 E	0.00	0.00
100.00	0.49	35.75	-3810.00	100.00	0.35 N	0.25 E	669373.15 N	647096.95 E	0.10	0.49
200.00	0.39	42.36	-3710.00	200.00	0.95 N	0.73 E	669373.75 N	647097.43 E	0.32	0.11
300.00	0.24	41.35	-3610.01	299.99	1.35 N	1.10 E	669374.15 N	647097.80 E	0.50	0.15
400.00	0.17	183.09	-3510.01	399.99	1.36 N	1.23 E	669374.16 N	647097.93 E	0.62	0.39
500.00	0.16	162.58	-3410.01	499.99	1.08 N	1.26 E	669373.88 N	647097.96 E	0.76	0.06
600.00	0.19	190.20	-3310.01	599.99	0.79 N	1.27 E	669373.59 N	647097.97 E	0.88	0.09
700.00	0.42	250.25	-3210.01	699.99	0.50 N	0.90 E	669373.30 N	647097.60 E	0.64	0.36
800.00	0.43	247.35	-3110.01	799.99	0.23 N	0.21 E	669373.03 N	647096.91 E	0.10	0.02
900.00	0.40	236.83	-3010.01	899.99	0.11 S	0.43 W	669372.69 N	647096.27 E	-0.36	0.08
1000.00	0.20	191.19	-2910.01	999.99	0.47 S	0.76 W	669372.33 N	647095.94 E	-0.52	0.30
1100.00	0.12	137.73	-2810.02	1099.98	0.72 S	0.72 W	669372.08 N	647095.98 E	-0.39	0.16
1200.00	0.28	80.39	-2710.02	1199.98	0.75 S	0.41 W	669372.05 N	647096.29 E	-0.09	0.24
1300.00	0.56	57.60	-2610.02	1299.98	0.45 S	0.24 E	669372.35 N	647096.94 E	0.40	0.32
1400.00	0.99	80.75	-2510.03	1399.97	0.05 S	1.51 E	669372.75 N	647098.21 E	1.42	0.52
1500.00	1.37	79.96	-2410.05	1499.95	0.30 N	3.54 E	669373.10 N	647100.24 E	3.16	0.38
1600.00	1.73	81.28	-2310.09	1599.91	0.73 N	6.21 E	669373.53 N	647102.91 E	5.47	0.36

keeper (1)

Skelly Unit #833 - Final Survey Report.txt												Gyro Tie-in Keeper (2)
1670.00	1.95	82.26	-2240.12	1669.88	1.06 N	8.43 E	669373.86 N	647105.13 E	7.40	0.32		
1950.00	1.93	77.44	-1960.28	1949.72	2.72 N	17.76 E	669375.52 N	647114.46 E	15.40	0.06		
2023.00	2.49	79.26	-1887.34	2022.66	3.29 N	20.51 E	669376.09 N	647117.21 E	17.73	0.77		
2086.00	2.96	91.17	-1824.41	2085.59	3.51 N	23.48 E	669376.31 N	647120.18 E	20.40	1.16		
2148.00	3.63	94.82	-1762.51	2147.49	3.31 N	27.04 E	669376.11 N	647123.74 E	23.77	1.13		
2210.00	2.99	112.11	-1700.61	2209.39	2.54 N	30.49 E	669375.34 N	647127.19 E	27.25	1.90		
2304.00	3.47	112.64	-1606.76	2303.24	0.52 N	35.39 E	669373.32 N	647132.09 E	32.55	0.51		
2398.00	4.32	115.00	-1512.98	2397.02	2.07 S	41.23 E	669370.73 N	647137.93 E	38.93	0.92		
2491.00	4.44	123.04	-1420.25	2489.75	5.52 S	47.42 E	669367.28 N	647144.12 E	45.97	0.67		
2585.00	3.86	126.68	-1326.50	2583.50	9.39 S	53.01 E	669363.41 N	647149.71 E	52.61	0.68		
2680.00	3.24	129.69	-1231.68	2678.32	13.01 S	57.64 E	669359.79 N	647154.34 E	58.27	0.68		
2773.00	3.20	117.02	-1138.83	2771.17	15.87 S	61.97 E	669356.93 N	647158.67 E	63.36	0.76		
2867.00	3.52	115.84	-1044.99	2865.01	18.32 S	66.91 E	669354.48 N	647163.61 E	68.86	0.35		
2960.00	4.47	116.29	-952.21	2957.79	21.17 S	72.72 E	669351.63 N	647169.42 E	75.32	1.02		
3052.00	3.70	117.96	-860.45	3049.55	24.15 S	78.56 E	669348.65 N	647175.26 E	81.85	0.85		
3147.00	4.06	112.69	-765.67	3144.33	26.89 S	84.37 E	669345.91 N	647181.07 E	88.26	0.53		
3241.00	4.01	108.69	-671.90	3238.10	29.22 S	90.55 E	669343.58 N	647187.25 E	94.87	0.30		
3334.00	3.74	114.61	-579.11	3330.89	31.53 S	96.39 E	669341.27 N	647193.09 E	101.15	0.52		
3428.00	3.46	108.47	-485.30	3424.70	33.70 S	101.87 E	669339.10 N	647198.57 E	107.04	0.51		
3523.00	3.83	115.22	-390.49	3519.51	35.96 S	107.46 E	669336.84 N	647204.16 E	113.07	0.60		
3617.00	4.00	115.70	-296.71	3613.29	38.72 S	113.25 E	669334.08 N	647209.95 E	119.48	0.18		
3711.00	3.60	113.49	-202.92	3707.08	41.32 S	118.91 E	669331.48 N	647215.61 E	125.70	0.45		
3804.00	4.37	117.81	-110.14	3799.86	44.14 S	124.73 E	669328.66 N	647221.43 E	132.15	0.89		
3898.00	4.36	121.77	-16.41	3893.59	47.69 S	130.93 E	669325.11 N	647227.63 E	139.24	0.32		
3991.00	4.54	124.35	76.31	3986.31	51.63 S	136.98 E	669321.17 N	647233.68 E	146.32	0.29		
4086.00	4.60	120.66	171.01	4081.01	55.69 S	143.36 E	669317.11 N	647240.06 E	153.77	0.32		
4179.00	4.48	120.88	263.71	4173.71	59.46 S	149.68 E	669313.34 N	647246.38 E	161.05	0.13		
4274.00	4.46	121.79	358.42	4268.42	63.31 S	156.01 E	669309.49 N	647252.71 E	168.36	0.08		
4300.00	4.47	122.32	384.35	4294.35	64.38 S	157.72 E	669308.42 N	647254.42 E	170.36	0.17		
4363.00	5.28	122.40	447.12	4357.12	67.25 S	162.25 E	669305.55 N	647258.95 E	175.63	1.28		
4395.00	5.56	121.57	478.97	4388.97	68.85 S	164.81 E	669303.95 N	647261.51 E	178.61	0.91		
4496.00	6.95	111.11	579.37	4489.37	73.61 S	174.68 E	669299.19 N	647271.38 E	189.55	1.77		
4589.00	7.03	104.60	671.68	4581.68	77.07 S	185.44 E	669295.73 N	647282.14 E	200.82	0.86		
4652.00	6.51	99.78	734.24	4644.24	78.65 S	192.69 E	669294.15 N	647289.39 E	208.12	1.22		
4745.00	5.82	91.49	826.71	4736.71	79.67 S	202.60 E	669293.13 N	647299.30 E	217.68	1.21		
4811.00	5.19	89.76	892.40	4802.40	79.75 S	208.93 E	669293.05 N	647305.63 E	223.56	0.99		
4872.00	4.75	89.49	953.17	4863.17	79.71 S	214.21 E	669293.09 N	647310.91 E	228.44	0.72		
4935.00	4.04	80.97	1015.99	4925.99	79.34 S	219.01 E	669293.46 N	647315.71 E	232.74	1.53		
4998.00	3.52	77.10	1078.85	4988.85	78.56 S	223.09 E	669294.24 N	647319.79 E	236.22	0.92		
5062.00	2.73	73.58	1142.76	5052.76	77.69 S	226.47 E	669295.11 N	647323.17 E	239.01	1.27		
5125.00	2.11	63.48	1205.70	5115.70	76.75 S	228.94 E	669296.05 N	647325.64 E	240.95	1.19		
5218.00	2.54	4.30	1298.64	5208.64	73.93 S	230.63 E	669298.87 N	647327.33 E	241.44	2.50		
5312.00	2.73	346.84	1392.54	5302.54	69.67 S	230.28 E	669303.13 N	647326.98 E	239.50	0.87		
5406.00	3.08	334.44	1486.42	5396.42	65.21 S	228.68 E	669307.59 N	647325.38 E	236.33	0.76		
5502.00	3.69	315.55	1582.25	5492.25	60.68 S	225.40 E	669312.12 N	647322.10 E	231.57	1.32		
5597.00	4.14	320.03	1677.03	5587.03	55.87 S	221.06 E	669316.93 N	647317.76 E	225.73	0.57		
5691.00	3.78	304.56	1770.81	5680.81	51.51 S	216.33 E	669321.29 N	647313.03 E	219.70	1.19		
5786.00	3.78	305.35	1865.60	5775.60	47.93 S	211.19 E	669324.87 N	647307.89 E	213.59	0.05		

Tie-in
MWD (3)

North East

Skelly Unit #833 - Final Survey Report.txt

5880.00	3.61	305.53	1959.41	5869.41	44.41 S	206.26 E	669328.39 N	647302.96 E	207.69	0.18	
5975.00	3.69	309.39	2054.21	5964.21	40.73 S	201.46 E	669332.07 N	647298.16 E	201.86	0.27	
6069.00	3.52	306.14	2148.03	6058.03	37.11 S	196.79 E	669335.69 N	647293.49 E	196.16	0.28	
6162.00	3.87	309.39	2240.83	6150.83	33.44 S	192.06 E	669339.36 N	647288.76 E	190.39	0.44	
6256.00	3.52	308.52	2334.64	6244.64	29.63 S	187.35 E	669343.17 N	647284.05 E	184.59	0.38	
6351.00	3.61	313.53	2429.46	6339.46	25.75 S	182.90 E	669347.05 N	647279.60 E	179.00	0.34	
6444.00	3.78	311.86	2522.26	6432.26	21.69 S	178.50 E	669351.11 N	647275.20 E	173.38	0.22	
6538.00	3.87	313.61	2616.05	6526.05	17.43 S	173.89 E	669355.37 N	647270.59 E	167.51	0.16	
6631.00	3.52	312.65	2708.86	6618.86	13.33 S	169.52 E	669359.47 N	647266.22 E	161.91	0.38	
6692.00	3.46	312.23	2769.75	6679.75	10.83 S	166.78 E	669361.97 N	647263.48 E	158.42	0.11	Last ST MWD Survey
6743.00	3.46	312.23	2820.65	6730.65	8.76 S	164.50 E	669364.04 N	647261.20 E	155.53	0.00	Projection to Bit