OCID-ARTESIA

ATS-11-168

Form 3160 -3 FORM APPROVED OMB No 1004-0137 Expires March 31, 2007 (April 2004) UNITED STATES Lease Serial No DEPARTMENT OF THE INTERIOR NMLC-029420A BUREAU OF LAND MANAGEMENT If Indian, Allotee or Tribe Name APPLICATION FOR PERMIT TO DRILL OR REENTER If Unit or CA Agreement, Name and No **∀** DRILL la Type of work: NMNM-71030C; Skelly Unit Lease Name and Well No. SKELLY UNIT #855 Type of Well: ✓ Oil Well . Gas Well Single Zone Multiple Zone Name of Operator COG Operating LLC 30-015-Address 550 W. Texas Ave., Suite 1300 Ma Midland, TX 79701 432-685-4384 Location of Well (Report location clearly and in accordance with any State requirements.*) 11 Sec, T R M. or Blk and Survey of 2193 FSL & 2052 FEL, Unit-J At surface Sec 15 T17S R31E 2310 FSL & 2310 FEL, Unit J At proposed prod zone 12 County or Parish 13. State 14 Distance in miles and direction from nearest town or post office* 9 miles East of Loco Hills, NM EDDY NM 15 Distance from proposed* 17 Spacing Unit dedicated to this well 16 No of acres in lease location to nearest property or lease line, ft (Also to nearest drig unit line, if any) 2052 640 20. BLM/BIA Bond No on file 18. Distance from proposed location* to nearest well, drilling, completed, 19 Proposed Depth TVD: 6700' MD: 6713' NMB000740 applied for, on this lease, ft Elevations (Show whether DF, KDB, RT, GL, etc.) 22. Approximate date work will start* 23. Estimated duration 3869' GL 08/31/2011 15 days 24. Attachments The following, completed in accordance with the requirements of Onshore Oil and Gas Order No 1, shall be attached to this form Bond to cover the operations unless covered by an existing bond on file (see 1 Well plat certified by a registered surveyor 2. A Drilling Plan. Item 20 above). 3 A Surface Use Plan (if the location is on National Forest System Lands, the Operator certification SUPO shall be filed with the appropriate Forest Service Office) Such other site specific information and/or plans as may be required by the 25 Signature Name (Printed/Typed) Kelly J. Holly 06/13/2011 Title Permitting Tech Approved by (Signature) Name (Printed/Typed) Application approval does not warrant or certify that the applicant holds legal or equitable title to the printer subject to the printer conduct operations thereon. Conditions of approval, if any, are attached. 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)

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SEE ATTACHED FOR

CONDITIONS OF APPROVAL

Roswell Controlled Water-Basin

BIA AP

APPROVAL SUBJECT TO GENERAL REQUIREMENTS AND SPECIAL STIPULATIONS ATTACHED

Witness Surface Casing

 $\mathcal{P}_{\mathcal{K}_j}$

MASTER DRILLING PROGRAM

1. Geologic Name of Surface Formation

Quaternary

2. Estimated Tops of Important Geologic Markers:

Quaternary	Surface
Rustler	628'
Top of Salt	801'
Base of Salt	1771'
Yates	1958'
Seven Rivers	2293'
Queen	2915'
Grayburg	3345'
San Andres	3697'
Glorietta	5240'
Paddock	5299'
Blinebry	5736'
Tubb	6700'

3. Estimated Depths of Anticipated Fresh Water, Oil and Gas

Water Sand	150'	Fresh Water
Grayburg	3345'	Oil/Gas
San Andres	3697'	Oil/Gas
Glorieta	5240'	Oil/Gas
Paddock	5299'	Oil/Gas
Blinebry	5736'	Oil/Gas
Tubb	6700'	Oil/Gas

No other formations are expected to give up oil, gas or fresh water in measurable quantities. Setting 13 3/8" casing to 650° and circulating cement back to the surface will protect the surface fresh water sand. The Salt Section will be protected by setting 8 5/8" casing to 1800° and circulating cement, in a single or multi-stage job and/or with an ECP, back to the surface. Any shallower zones above TD, which contain commercial quantities of oil and/or gas, will have cement circulated across them. This will be achieved by cementing, with a single or multi-stage job, the 5 1/2" production casing back 200° into the intermediate casing, (but calculated to surface) to be run at TD. If wellbore conditions arise that require immediate action and/or a change to this program, COG Operating LLC personnel will always react to protect the wellbore and/or the environment.

See CoA

See

COG Operating LLC Master Drilling Plan Revised 2-08-11 East Fren Area; Yeso Use for Sections 2-28, T-17-S, R-31-E Eddy County, NM

4. Casing Program

see lop

6713

Hole Size	Interval	OD Casing	Weight	Grade	Jt., Condition	Jt.	burst/collapse/tension
17 ½"	0-680'60	213 3/8"	48#	H-40orJ-55	New	ST&C	8.71/3.724/14.91
11" OK	0-1800'	8 5/8"	24or32#	J-55	New	ST&C	2.91/1.46/5.65
7 7/8"	0-T.D.	5 1/2"	15.5 or17#	J-55orL80	New .	LT&C	_1.71/1.574/2.20

5. Cement Program

13 3/8" Surface Casing:

Class C, 475 sx w/ 2% CaCl2, 0.25 pps CF, yield-1.32, back to surface 100% excess

8 5/8" Intermediate Casing:

11" Hole:

Single Stage: LEAD 350 sx 50:50:10 C:Poz:Gel w/ 5% Salt +0.25% CF, yield-2.45 + TAIL 200 sx Class C w/2% CaCl2, yield-1.32, back to surface. 145% excess Multi-Stage: Stage 1: 350 sx Class C, w/2% CaCl2, yield - 1.32. 40% excess Stage 2: 200 sx Class C w/2% CaCl2, yield - 1.32, back to surface, 108% excess Multi stage tool to be set at approximately, depending on hole conditions, 700' (50' below the surface casing). Cement volumes will be adjusted proportionately for depth changes of multi stage tool.

Sac

5 1/2" Production Casing:

Single Stage: LEAD 500 sx 35:65:6 C:Poz:Gel w/ 5% Salt + 5 pps LCM + 0.2% SMS + 0.3% FL-52A + 0.125 pps CF, yield-2.05 + TAIL 400 sx 50:50:2 C:Poz:Gel w/ 5% Salt + 3 pps LCM + 0.6% SMS + 1% FL-25 + 1% BA-58 + 0.3% FL-52A + 0.125 pps CF, yield-1.37, to 200' minimum tie back to intermediate casing. 44.4% open hole excess, cement calculated back to surface.

SER

Multi-Stage: Stage 1: (Assumed TD of 6700') 500 sx 50:50:2, C:Poz:Gel w/ 5% Salt + 3 pps LCM + 0.6% SMS + 1% FL-25 + 1% BA-58 + 0.3% FL-52A + 0.125 pps CF, yield - 1.37, 7% excess; minimum volume, will be adjusted up after caliper is

run. Stage 2: LEAD 450 sx 50:50:2 C:Poz:Gel w/ 5% Salt + 3 pps LCM + 0.6% SMS + 1% FL-25 + 1% BA-58 + 0.3% FL-52A + 0.125 pps CF, yield - 1.37, + TAIL 250 sx Class C w/ 0.3% R-3 + 1.5% CD-32, yield - 1.02 152% open hole excess, cement calculated back to surface. Multi stage tool to be set at approximately, depending on hole conditions, 3000'. Cement volumes will be adjusted proportionately for depth changes of multi stage tool, assumption for tool is water flow.

6. Minimum Specifications for Pressure Control

The blowout preventer equipment (BOP) shown in Exhibit #9 will consist of a double ram-type (2000 psi WP) preventer, and in some cases possibly a 2000 psi Hydril type annular preventer as provided for in Onshore Order #2. This unit will be hydraulically operated and the ram type preventer will be equipped with blind rams on top of 4 1/2" drill pipe rams on the bottom. A 13-5/8" or 11" BOP will be used, depending on the rig selected, during the drilling of the well. The BOP will be nippled up on the 13 3/8" surface casing with BOP equipment and tested to 2000 psi. When 11" BOP is used the special drilling flange will be utilized on the 13-3/8" head to allow testing the BOP with a retrievable test plug. After setting 8-5/8" the BOP will then be nippled up on the 8 5/8" intermediate casing and tested by a third party to 2000 psi and used continuously until total depth is reached. Pipe rams will be operationally checked each 24-hour period. Blind rams will be operationally checked on each trip out of the hole. These checks will be noted on the daily tour sheets. Other accessories to the BOP equipment (Exhibit #10) will include a Kelly cock and floor safety valve, choke lines and a choke manifold (Exhibit #11) with a 2000 psi WP rating.

The majority of the rigs currently in use have a 13-5/8" BOP, so no special provision is needed for most wells in the area for conventionally testing the BOP with a test plug. However, due to the vagaries of rig scheduling, it might be that one of the few rigs with 11" BOP's might be called upon to drill any specific well in the area. Note that intermediate hole size is always 11". Therefore, COG Operating LLC respectfully requests a variance to the requirement of 13-5/8" BOP on 13-3/8" casing. When that circumstance is encountered the special flange will be utilized to allow testing the entire BOP with a test plug, without subjecting the casing to test pressure. The special flange also allows the return to full-open capability if desired.

3ee 10A

7. Types and Characteristics of the Proposed Mud System

The well will be drilled to TD with a combination of brine, cut brine and polymer mud system. The applicable depths and properties of this system are as follows:

DEPTH	TYPE	WEIGHT	VISCOSITY	WATERLOSS
0-656' 600	Fresh Water	8.5	28	N.C.
680-1800 OK	Brine	10	30	N.C.
18 0 0'-TD	Cut Brine	8.7-9.1	29	N.C.

Sufficient mud materials will be kept at the well site to maintain mud properties and meet minimum lost circulation and weight increase requirements at all times.

8. Auxiliary Well Control and Monitoring Equipment

- A. Kelly cock will be kept in the drill string at all times.
- B. A full opening drill pipe-stabbing valve with proper drill pipe connections will be on the rig floor at all times.

9. Logging, Testing and Coring Program See COA

- A. The electric logging program will consist of GR-Dual Laterolog, Spectral Density, Dual Spaced Neutron, CSNG Log and will be run from TD to 8 5/8" casing shoe.
- B. Drill Stem test is not anticipated.
- C. No conventional coring is anticipated.
- D. Further testing procedures will be determined after the 5 ½" production casing has been cemented at TD, based on drill shows and log evaluation.

10. Abnormal Conditions, Pressure, Temperatures and Potential Hazards

No abnormal pressures or temperatures are anticipated. The estimated bottom hole at TD is 110 degrees and the estimated maximum bottom hold pressure is 2300 psig. Measurable gas volumes or Hydrogen Sulfide levels have not been encountered during drilling operations in this area, although a Hydrogen Sulfide Drilling Operation Plan is attached to this program. No major loss of circulation zones has been reported in offsetting wells.

COG Operating LLC Master Drilling Plan Revised 2-08-11 East Fren Area; Yeso Use for Sections 2-28, T-17-S, R-31-E Eddy County, NM

11. Anticipated Starting Date and Duration of Operations

Road and location work will not begin until approval has been received from the BLM. As this is a Master Drilling plan, please refer to the Form 3160-3 for the anticipated start date. Once commenced, drilling operations should be finished in approximately 12 days. If the well is productive, an additional 30 days will be required for completion and testing before a decision is made to install permanent facilities.



COG Operating LLC

Eddy County, NM (NAN27 NME) Skelly Unit #855 Skelly Unit #855

ОН

Plan: Plan #1 7-7/8" Hole SHL = 2193' FSL & 2052' FEL BHL = 2300' FSL & 2300' FEL Top of Paddock = 2300' FSL & 2300' FEL @ 5000' TVD

Standard Planning Report

11 April, 2011





Scientific Drilling

Planning Report



Database: EDM-Julio

Company COG Operating LLC

Eddy County, NM (NAN27 NME) Project:

Skelly Unit #855 Skelly Unit #855 ОН

Plan #1 7-7/8" Hole

Local Co-ordinate Reference

TVD Reference: MD Reference:

North Reference: Survey Calculation Method:

Site Skelly Unit #855 GL Elev @ 3869 00usft GL Elev @ 3869 00usft

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Minimum Curvature

Project Eddy County, NM (NAN27 NME	Eddy County, NM (NAN27 NME)	e E	以北京 大学		ct	Proi	Ï
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Map System: Geo Datum:

Map Zone:

Site

Site Position:

US State Plane 1927 (Exact solution)

IGRF2010

NAD 1927 (NADCON CONUS) New Mexico East 3001

System Datum:

Skelly Unit #855

667,189 90 usft

Latitude:

32° 49' 59 798 N

From:

Мар

Easting:

2011/04/11

646,907 60 usft

Longitude:

103° 51' 18 203 W

48 967

Position Uncertainty:

0 00 usft Slot Radius:

13-3/16 "

Grid Convergence:

0.26

Skelly Unit #855 Well Position +N/-S 0 00 usft Northing: 667,189 90 usft Latitude: 32° 49' 59 798 N +E/-W 0 00 usft Easting: 646,907 60 usft 103° 51' 18 203 W Longitude: 0 00 usft Wellhead Elevation: Ground Level: 3,869.00 usft Position Uncertainty

Wellbore

Audit Notes: Version: Phase: Tie On Depth: (usft) (usft) (usft) 0 00 0 00 0.00 293 06

Plan Sections Measured Depth (usft)	inclination (3)	Azimuth	Vertical Depth (usft)	+N/·S (usft)	+E/-W (usft)	Dogleg ** # Rate (7/100usft)	Build Rate (7/100usft)	Türn Rate (?/100usft)	* (?) \$	Target	April 44 suppressed the the second
0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00		
2,000 00	0 00	0 00	2,000 00	0 00	0 00	0 00	0 00	0 00	0 00		
2,283 45	5 67	293 06	2,282 99	5 49	-12 89	2 00	2 00	0 00	293 06		
4,729.44	5 67	293 06	4,717 01	100 11	-235 21	0 00	0 00	0 00	0 00		1
5,012 89	0 00	0 01	5,000 00	105 60	-248 10	2 00	-2 00	0 00	180,00	TG1-Skelly #855	
6,712 89	0 00	0 01	6,700 00	105 60	-248 10	0 00	0 00	0 00	0 01	PBHL-Skelly #855	



Scientific Drilling

Planning Report



Oatabase: EDM-Julio
Company: COG Operating LLC
Project Eddy County, NM (NAN27 NME)
Site Skelly Unit #855
Well: Skelly Unit #855
Wellbore OH
Design Plan #1 7-7/8" Hole

Local Co-ordinate Reference: Site Skelly Unit #855
TVD Reference: GL Elev @ 3869 00usft
GL Elev @ 3869 00usft

North Reference: Survey, Calculation Method:

Grid

Minimum Curvature

Measured			Vertical			Vertical	Dogleg	Build	Turn
和自然的主义的人的主义是是一个	lination	Azimuth	Depth	+N/-S	+E/-W	Section (Rate	Rate	Rate
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North HL-Skelly #	#855 - East H								
1,900.00	0 00	0 00	1,900 00	0 00	0 00	0 00	0 00	0 00	0 00
8-5/8" Casing									
2,000 00	0 00	0 00	2,000 00	0 00	0 00	0 00	0 00	0 00	0 00
KOP Start Build 2									
2,100 00	2 00	293 06	2,099 98	0 68	-1 61	1 75	2 00	2 00	0 00
2,200 00	4 00	293 06	2,199 84	2 73	-6 42	6 98	2 00	2 00	0 00
2,283 45	5 67	293 06	2,282 99	5 49	-12 89	14 01	2 00	2 00	0 00
EOC hold 5.67°									
2,300 00	5 67	293 06	2,299 46	6 13	-14 40	15 65	0 00	0 00	0 00
2,400 00	5 67	293 06	2,398 97	10 00	-23 49	25 52	0 00	0 00	0 00
2,500 00	5 67	293 06	2,498 48	13 86	-32 57	35 40	0 00	0 00	0 00
2,600 00	5 67	293 06	2,597 99	17 73	-41 66	45 28	0 00	0.00	0 00
2,700 00	5 67	293.06	2,697 50	21 60	-50 75	55 16	0 00	0 00	0 00
2,800 00	5 67	293 06	2,797 01	25 47	-59 84	65 04	0 00	0 00	0 00
2,900 00	5 67	293 06	2,896 52	29 34	-68 93	74 91	0 00	0 00	0 00
3,000 00	5 67	293 06	2,996 03	33 21	-78 02	84 79	0 00	0 00	0 00
3,100 00	5 67	293 06	3,095 54	37 08	-87 11	94 67	0 00	0 00	0 00
3,200 00	5 67	293 06	3,195 06	40 94	-96 20	104 55	0 00	0 00	0 00
3,300 00	5 67	293 06	3,294 57	44 81	-105 29	114 43	0 00	0 00	0 00
3,400 00	5 67	293 06	3,394 08	48 68	-114 38	124 30	0 00	0 00	0 00
3,500 00 3,600 00	5 67 5 67	293 06 293 06	3,493 59 3,593 10	52 55 56 42	-123 46 -132 55	134 18 144 06	0 00 0 00	0 00 0 00	0 00 0 00
			·						
3,700 00	5 67	293.06	3,692 61	60 29	-141 64	153 94	0 00	0 00	0 00
3,800 00 3,900 00	5 67 5 67	293 06 293 06	3,792 12 3,891,63	64 16 68 03	-150 73 -159 82	163 82 173 70	0 00 0 00	0 00 0 00	0 00
4,000 00	5 67	293 06	3,991.14	71 89	-168 91	183 57	0 00	0 00	0 00 0 00
4,100 00	5 67	293 06	4,090 65	75 76	-178 00	193 45	0 00	0 00	0 00
•			•						
4,200 00 4,300 00	5 67 5 67	293 06 293 06	4,190 16 4,289 68	79 63 83.50	-187 09 -196 18	203 33 213 21	0 00 0 00	0 00 0 00	0 00 0 00
4,400 00	5 67	293 06 293 06	4,389.19	87.37	-196 18 -205 27	213 21	0 00	0 00	0 00
4,500 00	5 67	293.06	4,488 70	91 24	-214 35	232 96	0 00	0 00	0 00
4,600.00	5 67	293 06	4,588 21	95 11	-223 44	242 84	0 00	0.00	0 00
4.700 00	5 67	293 06	4,687 72	98 97	-232 53	252 72	0 00	0 00	0 00
4,709 44	5 67	293 06	4,717 02	100 11	-232 55 -235 21	252 72 255 63	0 00	0 00	0 00
Start Drop 2.00°/1			.,,	,== , ,			- 50	2 00	0.00
4,800 00	4 26	293 06	4,787 31	102 50	-240 83	261 73	2 00	-2 00	0 00
4,900 00	2 26	293.06	4,887.14	104 73	-246 05	267 41	2 00	-2 00	0 00
5,000 00	0 26	293 06	4,987 11	105 59	-248 07	269 61	2 00	-2 00	0 00
5,012 89	0 00	0 00	5.000 00	105 60	-248 10	269 64	2 00	-2.00	519 46
EOC hold 0.00° -			-,		2.5 10	200 04	_ 50	2.00	019 40
6,712 89	0 00	0 01 -	6,700 00	105 60	-248 10	269 64	0 00	0 00	0 00



Scientific Drilling

Planning Report



EDM-Julio

COG Operating LLC

Eddy County, NM (NAN27 NME)

EDM-Julio

EOGal Co-ordinate Reference:

TVD Reference:

TVD Reference:

MD Reference:

MD Reference:

Northing Reference:

Skelly Unit #855

Skelly Unit #855

Survey Calculation Method: Company:
Project:
Site: Skelly Unit #855 Skelly Unit #855 ОН

Wellbore: . Design: Plan #1 7-7/8" Hole

Site Skelly Unit #855 GL Elev. @ 3869 00usft GL Elev. @ 3869 00usft

Minimum Curvature

				+N/-S* .(usft) =:		Northing (usft)	Easting (usft)	Latitude 3	Longitude
North HL-Skelly #855 - plan misses target cente - Rectangle (sides W100			0 00 Ousft MD (0 0	115 60 00 TVD, 0.00 N	-258 10 N, 0 00 E)	667,305 50	646,649 50	32° 50′ 0 954 N	103° 51' 21 221 W
East HL-Skelly #855 - plan misses target cente - Rectangle (sides W0 00			0 00 Ousft MD (0 0	115 60 00 TVD, 0 00 i	-258 10 N, 0 00 E)	667,305 50	646,649 50	32° 50' 0 954 N	103° 51' 21 221 W
TG1-Skelly #855 - plan hits target center - Point	0 00	0 00	5,000 00	105 60	-248 10	667,295 50	646,659 50	32° 50′ 0 854 N	103° 51' 21 105 W
PBHL-Skelly #855 - plan hits target center - Circle (radius 10 00)	0 00	0 01	6,700 00	105 60	-248.10	667,295 50	646,659 50	32° 50' 0 854 N	103° 51' 21 105 W

Cas	Measured Depth (usft)	Vertical ; Depth (usft)	STREET STREET	Name	Cas Diam ("	eter Dia	ole meters	
	1,900 00	1,900 00	8-5/8" Casing			8-5/8	12-1/4	and the same and t

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Plan Annotations				1
	TEMPORAL HISTORY			
		Local Coordi		
Depth Depth	. ■ Depth	+N/-S/ .	+E/-W	
(usft)		(ueff)	(rieff)	Comment
2,000 00	2,000 00	0 00	0 00	KOP Start Build 2 00°/100'
2,283 45	2,282 99	5 49	-12.89	EOC hold 5 67°
4,729 44	4,717 02	100 11	-235 21	Start Drop 2 00°/100'
5,012.89	5,000 00	105 60	-248 10	EOC hold 0 00°

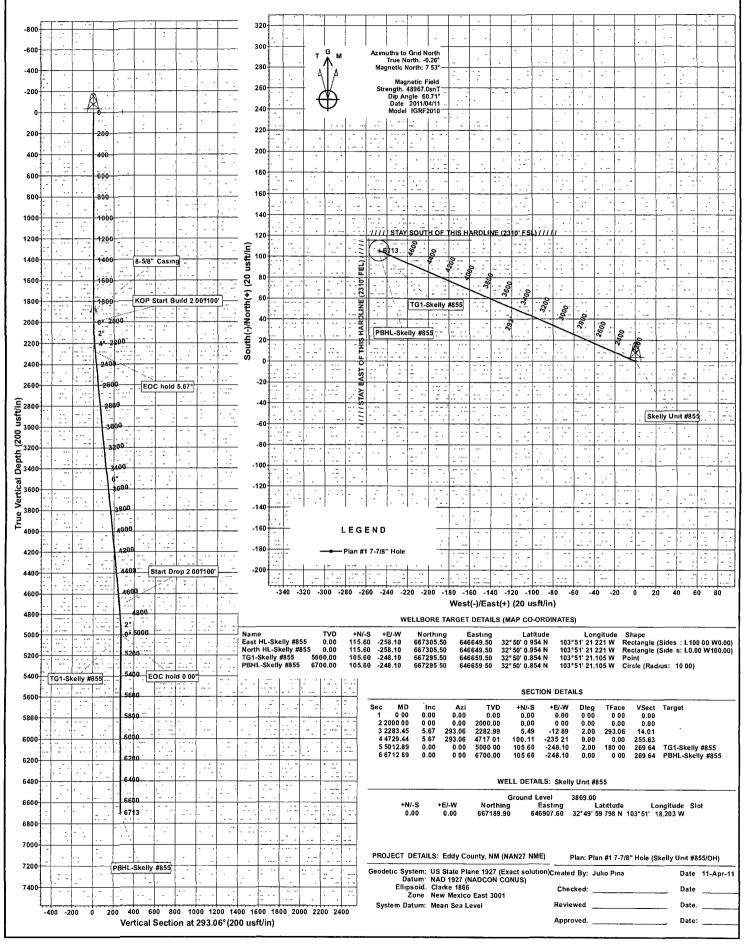


Scientific Drilling for COG Operating LLC Site: Eddy County, NM (NAN27 NME)

Well: Skelly Unit #855 Wellbore: OH

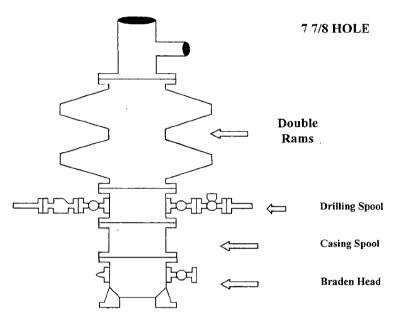
Design: Plan #1 7-7/8" Hole





COG Operating LLC

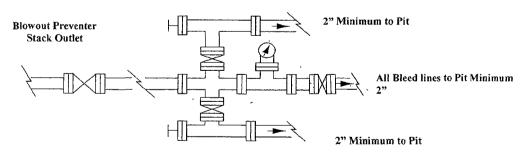
Exhibit #9 BOPE and Choke Schematic



Minimum 4" Nominal choke and kill lines

Choke Manifold Requirement (2000 psi WP) No Annular Required

Adiustable Choke

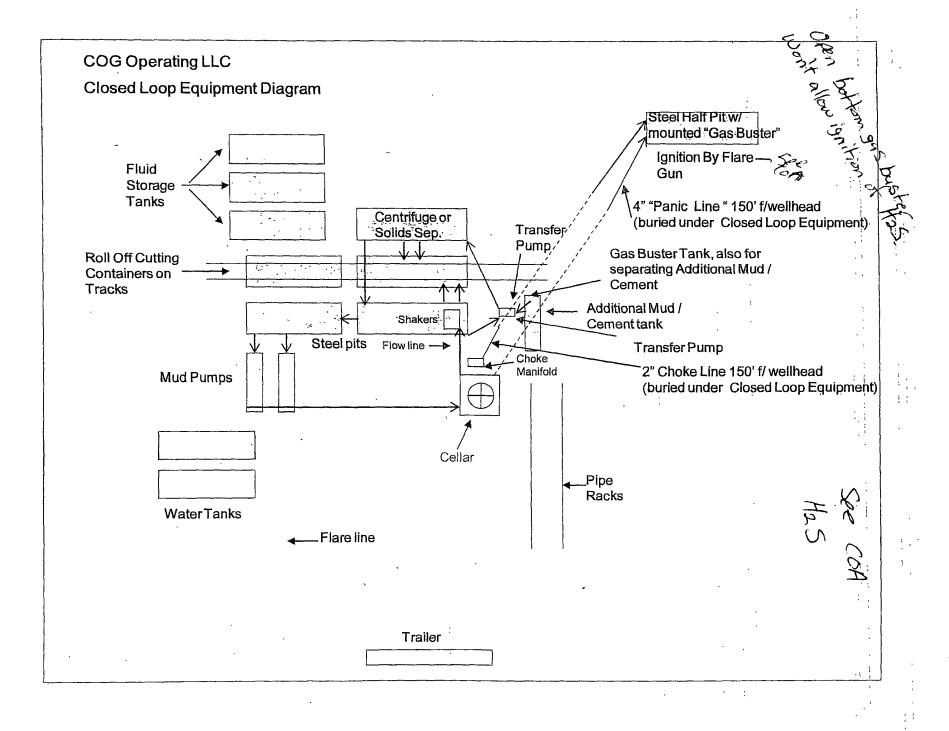


Adjustable Choke (or Positive)

NOTES REGARDING THE BLOWOUT PREVENTERS Master Drilling Plan Eddy County, New Mexico

- 1. Drilling nipple to be so constructed that it can be removed without use of a welder through rotary table opening, with minimum I.D. equal to preventer bore.
- 2. Wear ring to be properly installed in head.
- 3. Blow out preventer and all fittings must be in good condition, 2000 psi WP minimum.
- 4. All fittings to be flanged.
- 5. Safety valve must be available on rig floor at all times with proper connections, valve to be full 2000 psi WP minimum.
- 6. All choke and fill lines to be securely anchored especially ends of choke lines.
- 7. Equipment through which bit must pass shall be at least as large as the diameter of the casing being drilled through.
- 8. Kelly cock on Kelly.
- 9. Extension wrenches and hands wheels to be properly installed.
- 10. Blow out preventer control to be located as close to driller's position as feasible.
- 11. Blow out preventer closing equipment to include minimum 40-gallon accumulator, two independent sources of pump power on each closing unit installation all API specifications.

Blowout Preventers Page 2



Closed Loop Operation & Maintenance Procedure

All drilling fluid circulated over shaker(s) with cuttings discharged into roll off container.

Fluid and fines below shaker(s) are circulated with transfer pump through centrifuge(s) or solids separator with cuttings and fines discharged into roll off container.

Fluid is continuously re-circulated through equipment with polymer added to aid separation of cutting fines.

Roll off containers are lined and de-watered with fluids re-circulated into system.

Additional tank is used to capture unused drilling fluid or cement returns from casing jobs.

This equipment will be maintained 24 hrs./day by solids control personnel and or rig crews that stay on location.

Cuttings will be hauled to either:

CRI (permit number R9166) or GMI (permit number 711-019-001)

dependent upon which rig is available to drill this well.

DISTRICT & CHECKLIST FOR INTENTS TO DRILL		
Well Name & # SKELLY UNIT Seat 15 Trinchip 17 5 PNG 37	OGRID	229134
21560 Well Name & # SKELLY UNIT	0.55 Su	rface Type (F) (S) (P)
Location: UL Sect	e, Sub-sui	rface Type (F) (S) (P)
A. Date C101 rec'd 11 17 200	C101 reviewed <u>//</u>	28, 2011
B. 1. Check mark, Information is OK on Forms: OGRID , BONDING , PROP CODE V		
2. Inactive Well list as of : 11 28 201	# walls 1879 # Inaction	ia walls
a. District Grant APD but see number of inac	tive wells:	ve wens
No letter required; Sent Letter to Open		
3. Additional Bonding as of: 11 / 28 / 2011		
a. District Denial because operator needs ac		
No Letter required $\underline{\boldsymbol{\nu}}$; Sent Letter to Op-		
b. District Denial because of Inactive well list		
No Letter required; Sent Letter to O	perator, to Santa Fe	
c. C102 YES V, NO, Signature V	_	, , , , , , ,
Mar Locasol FRETO: GloriaTA- 1650	Code 26	-170-9786h
a. Dedicated acreage <u>#D</u> , What Unit	S	
b. SUR. Location Standard: Non-Sta		
c. Well shares acres: Yes No # of		#
2. 2 nd . Operator in same acreage, Yes, No		
Agreement Letter, Disagreement lette 3. Intent to Directional Drill Yes, No		
a. Dedicated acreage, What Un		
b. Bottomhole Location Standard, N		
4. Downhole Commingle: Yes, No		
a. Pool #2	,Code	_, Acres
Poal #3		
Pool #4	, Code	_, Acres
5. POTASH Area Yes, No, D. Blowout Preventer Yes, No,		
E. H2S Yes, No,		
F. C144 Pit Registration Yes, No,		
G. Does APD require Santa Fe Approval:		
1. Non-Standard Location: Yes, No		
2. Non-Standard Proration: Yes, No,	NSP #	
3. Simultaneous Dedication: Yes, No	, SD #	-
Number of wells Plus #		
	# or WFX #	
5. SWD order Yes, NO; SWD :		
6. DHC from SF; DHC-HOB	; Holding	
7. OCD Approval Date 11 28 204	API #30-0/5	25/07/
	API #30-0/0	0100
8. Reviewers		