

Permit Information:

Well Name: Bandit 29 State Com No. 507H

Location:

SL: 387' FNL & 1102' FWL, Section 29, T-24-S, R-33-E, Lea Co., N.M.

BHL: 2540' FNL & 330' FWL, Section 32, T-24-S, R-33-E, Lea Co., N.M.

Casing Program:

Hole Size	Interval	Csg OD	Weight	Grade	Conn	DF _{min} Collapse	DF _{min} Burst	DF _{min} Tension
17.5"	0 - 1200'	13.375"	54.5#	J55	STC	1.125	1.25	1.60
12.25"	0-4000'	9.625"	40#	J55	LTC	1.125	1.25	1.60
12.25"	4000' - 4900'	9.625"	40#	HCK-55	LTC	1.125	1.25	1.60
8.75"	0'-18,720'	5.5"	17#	HCP-110	LTC	1.125	1.25	1.60

Cement Program:

Depth	No. Sacks	Wt. ppg	Yld Ft ³ /ft	Slurry Description
1200'	600	13.5	1.73	Class C + 4.0% Bentonite + 0.6% CD-32 + 0.5% CaCl ₂ + 0.25 lb/sk Cello-Flake (TOC @ Surface)
	300	14.8	1.34	Class C + 0.6% FL-62 + 0.25 lb/sk Cello-Flake + 0.2% Sodium Metasilicate
4,900'	900	12.7	2.22	Class 'C' + 1.50% R-3 + 0.25 lb/sk Cello-Flake + 2.0% Sodium Metasilicate + 10% Salt + 0.005 lb/sk Static Free (TOC @ Surface)
	225	14.8	1.32	Tail: Class 'C' + 0.25 lb/sk Cello Flake + 0.005 lb/sk Static Free
18,720'	375	10.8	3.67	60:40:0 Class C + 15.0 pps BA-90 + 4% MPA-5 + 3.0% SMS + 5.0% A-10 + 1.0% BA-10A + 0.80% ASA-301 + 2.55% R-21 + 8.0 pps LCM-1 (TOC @ 4400')
	400	11.8	2.38	50:50:10 Class H + 0.80% FL-52 + 0.30% ASA-301 + 0.40% SMS + 2.0% Salt + 0.30% R-21 + 3.0 pps LCM-1 + 0.25 pps Celloflake
	1300	14.2	1.28	50:50:2 Class H + 0.65% FL-52 + 0.45% CD-32 + 0.10% SMS + 2.0% Salt

Mud Program:

Depth	Type	Weight (ppg)	Viscosity	Water Loss
0 - 1200'	Fresh - Gel	8.6-8.8	28-34	N/c
1200' - 4,900'	Brine	10.0-10.2	28-34	N/c
4,900' - 10,655'	Cut Brine	8.4-9.0	28-34	N/c
10,655' - 18,720' Lateral	Cut Brine	9.0-9.5	40-42	8-10

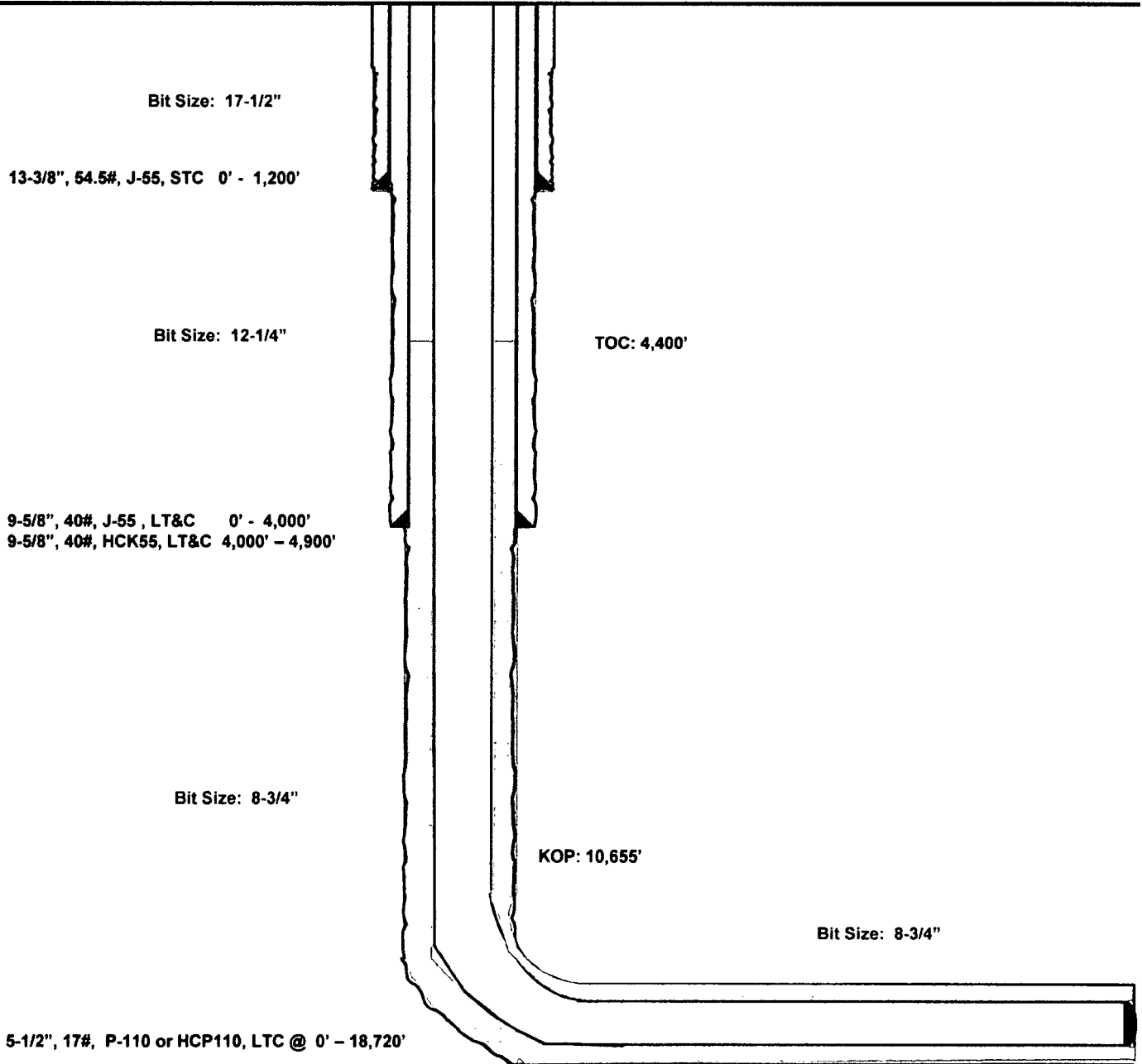
**Bandit 29 State Com #507H
Lea County, New Mexico**

**387' FNL
1102' FWL
Section 29
T-24-S, R-33-E**

Proposed Wellbore

API: 30-025-*****

**KB: 3,564'
GL: 3,539'**



**Lateral: 18,720' MD, 11,109' TVD
BH Location: 2540' FNL & 330' FWL
Section 32
T-24-S, R-33-E**

EOG RESOURCES, INC.
BANDIT 29 STATE COM #507H

Hydrogen Sulfide Plan Summary

- A. All personnel shall receive proper H₂S training in accordance with Onshore Order III.C.3.a.
- B. Briefing Area: two perpendicular areas will be designated by signs and readily accessible.
- C. Required Emergency Equipment:

- Well control equipment
 - a. Flare line 150' from wellhead to be ignited by flare gun.
 - b. Choke manifold with a remotely operated choke.
 - c. Mud/gas separator
- Protective equipment for essential personnel.

Breathing apparatus:

- a. Rescue Packs (SCBA) — 1 unit shall be placed at each breathing area, 2 shall be stored in the safety trailer.
- b. Work/Escapes packs — 4 packs shall be stored on the rig floor with sufficient air hose not to restrict work activity.
- c. Emergency Escape Packs — 4 packs shall be stored in the doghouse for emergency evacuation.

Auxiliary Rescue Equipment:

- a. Stretcher
- b. Two OSHA full body harness
- c. 100 ft 5/8 inch OSHA approved rope
- d. 1-20# class ABC fire extinguisher

- H₂S detection and monitoring equipment:

The stationary detector with three sensors will be placed in the upper dog house if equipped, set to visually alarm @ 10 ppm and audible @ 14 ppm. Calibrate a minimum of every 30 days or as needed. The sensors will be placed in the following places: Rig floor / Bell nipple / End of flow line or where well bore fluid is being discharged.
(Gas sample tubes will be stored in the safety trailer)
- Visual warning systems.
 - a. One color code condition sign will be placed at the entrance to the site reflecting the possible conditions at the site.
 - b. A colored condition flag will be on display, reflecting the current condition at the site at the time.
 - c. Two wind socks will be placed in strategic locations, visible from all angles.

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- **Mud program:**
The mud program has been designed to minimize the volume of H₂S circulated to surface. The operator will have the necessary mud products to minimize hazards while drilling in H₂S bearing zones.

- **Metallurgy:**
All drill strings, casings, tubing, wellhead, blowout preventer, drilling spool, kill lines, choke manifold and lines, and valves shall be suitable for H₂S service.

- **Communication:**
Communication will be via cell phones and land lines where available.

**EOG RESOURCES, INC.
BANDIT 29 STATE COM #507H**

Emergency Assistance Telephone List

<u>PUBLIC SAFETY:</u>	<u>911 or</u>
Lea County Sheriff's Department	(575) 396-3611
Rod Coffman	
Fire Department:	
Carlsbad	(575) 885-3125
Artesia	(575) 746-5050
Hospitals:	
Carlsbad	(575) 887-4121
Artesia	(575) 748-3333
Hobbs	(575) 392-1979
Dept. of Public Safety/Carlsbad	(575) 748-9718
Highway Department	(575) 885-3281
New Mexico Oil Conservation	(575) 476-3440
U.S. Dept. of Labor	(575) 887-1174
<u>EOG Resources, Inc.</u>	
EOG / Midland	Office (432) 686-3600
<u>Company Drilling Consultants:</u>	
David Dominique	Cell (985) 518-5839
Mike Vann	Cell (817) 980-5507
<u>Drilling Engineer</u>	
Steve Munsell	Office (432) 686-3609
	Cell (432) 894-1256
<u>Drilling Manager</u>	
Floyd Hernandez	Office (432) 686-3716
	Cell (817) 682-4569
<u>Drilling Superintendent</u>	
Jason Fitzgerald	Office (432) 848-9029
	Cell (318) 347-3916
<u>H&P Drilling</u>	
H&P Drilling	Office (432) 563-5757
H&P 651 Drilling Rig	Rig (903) 509-7131
<u>Tool Pusher:</u>	
Johnathan Craig	Cell (817) 760-6374
Brad Garrett	
<u>Safety</u>	
Brian Chandler (HSE Manager)	Office (432) 686-3695
	Cell (817) 239-0251