State of New Mexico
Energy, Minerals and Natural Resources Department

New Mexico Oil Conservation Division approval and conditions listed below are made in accordance with OCD Rule 19.15.7.11 and are in addition to the actions approved by BLM on the following 3160-4 or 3160-5 form.

Operator Signature Date: 8-15-2013

Application Type:

☐ P&A ☒ Drilling/Casing Change ☐ Recomplete/DHC

☐ Location Change ☐ Other: _____

Well information:

API WELL #	Well Name	Well #	Operator Name	Type	Stat	County	Surf_Owner	UL	Sec	Twp	N/S	Rng	W/E	Feet	NS	Ft	EW
30-045-35403-00-00	HOGBACK DEEP 12	034	VISION ENERGY GROUP LLC	O	N	San Juan	N	O	12	29	N	17	W	500	S	1700	E

Conditions of Approval:

*Notify NMOCD 24hrs prior to beginning operations.
*Hold C104 for NSL for Hogback Penn

AUG 27 2013

NMOCD Approved by Signature Date

Form 3160-5
(August 1999)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
AUG 19 2013
Farmington Field Office
Bureau of Land Management

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE – Other instructions on reverse side

5. Lease Serial No.
I-89-IND-58

6. If Indian, Allottee or Tribe Name
Navajo Nation

7. If Unit or CA/Agreement, Name and/or N

1. Type of Well
☐ Oil Well ☐ Gas Well ☒ Other

8. Well Name and No.
Hogback Deep 12 #34

2. Name of Operator
Vision Energy Group LLC

9. API Well No.
30-045-35403

3a. Address
7415 East Main, Farmington, NM

3b. Phone No. *(include area code)*
505-327-4892

10. Field and Pool, or Exploratory Area
Hogback Penn & WC Leadville

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
500' fsl & 1700' fel, Section 12, T29N, R17W

11. County or Parish, State
San Juan County

12. CHECK 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
	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	Well Integrity
☐ Subsequent Report	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other
	☒ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
☐ Final Abandonment Notice	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operations (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 recomplete 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 shall be filed within 30 days Following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once Testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

RCVD AUG 21 '13
OIL CONS. DIV.
DIST. 3

Vision Energy is requesting the following changes to the original drilling plan:

1) Utilize a 3M 11" BOP system (see attachment)

2) Change casing/cement program (see attachment)

THIS APPROVAL OR ACCEPTANCE OF THIS ACTION DOES NOT RELIEVE THE LESSEE AND OPERATOR FROM OBTAINING ANY OTHER AUTHORIZATION REQUIRED FOR OPERATIONS ON FEDERAL AND INDIAN LANDS

CONDITIONS OF APPROVAL
Adhere to previously issued stipulations.

14. I hereby certify that the foregoing is true and correct

Name *(Printed/Typed)*	Title
John C. Thompson	Agent / Engineer
Signature: John C. Thompson	Date: August 15, 2013

THIS SPACE FOR FEDERAL OR STATE USE

Approved by	Title	Date
Troy Salyers	Petroleum Engineer	8/19/2013
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 FFO	

Title 18 U.S.C. Section 1001, 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.

NMOCD

Well Control Equipment Schematic for 3M Service

Attachment to Drilling Technical Program

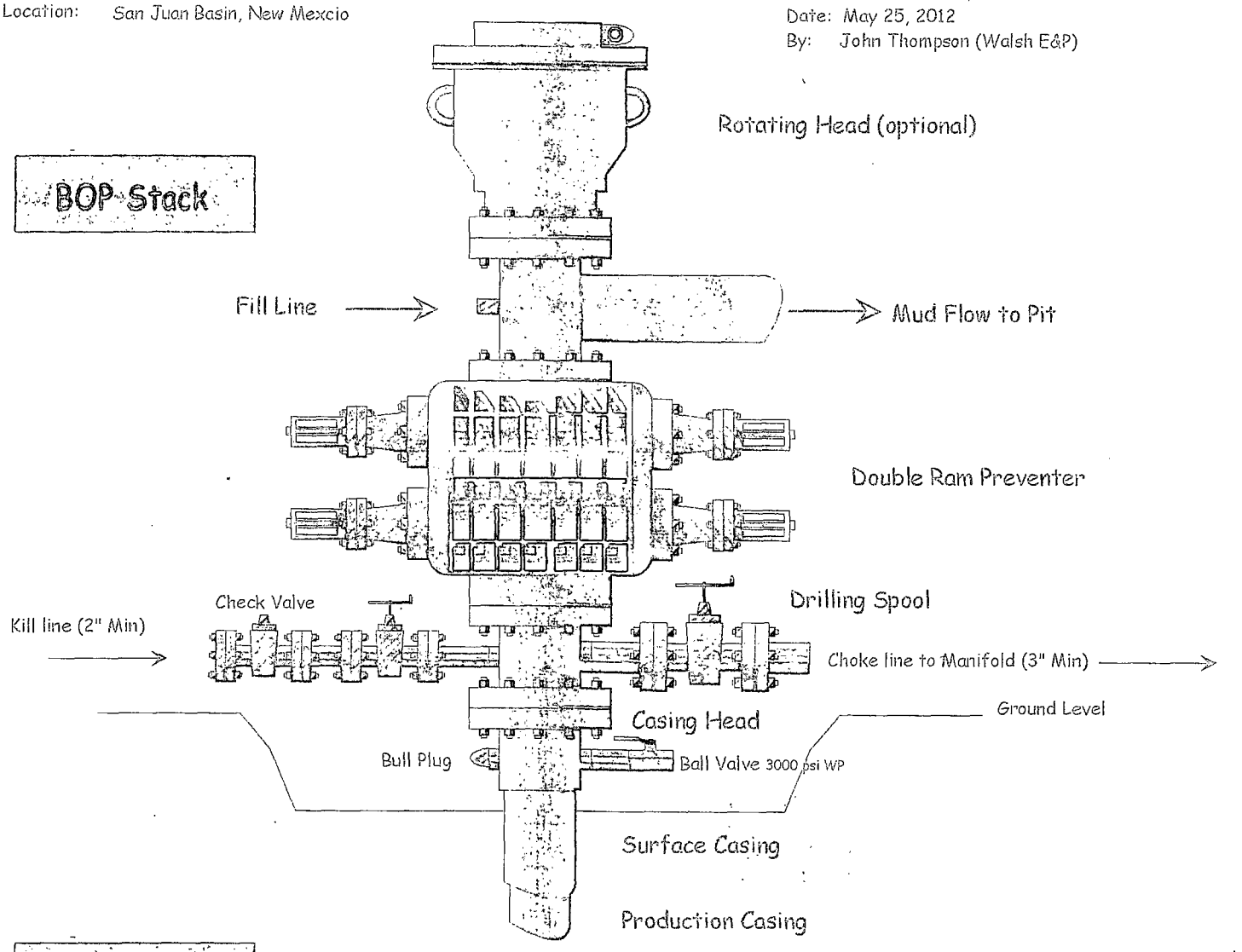
Exhibit #1

Typical BOP setup

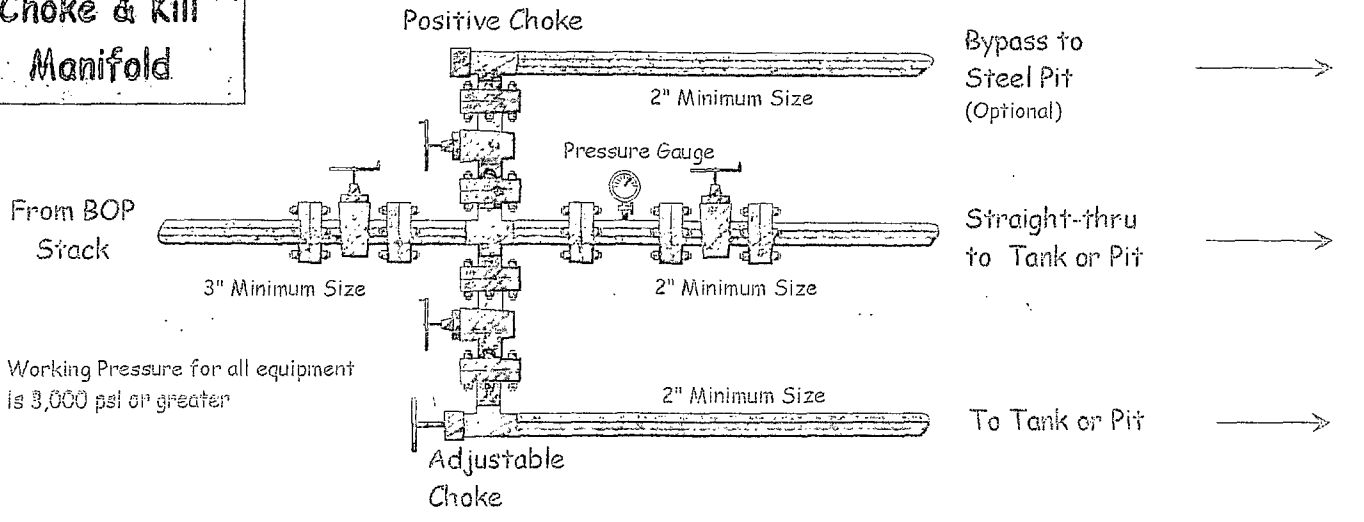
Location: San Juan Basin, New Mexcio

Date: May 25, 2012
By: John Thompson (Walsh E&P)

BOP Stack



Choke & Kill Manifold



Vision Energy Group LLC
Hogback Deep 12 #34
Sec 12., T29N, R17W

Surface

Bit: 12-1/4"
Casing: 9-5/8" (J55 or K55), 40 ppf
Depth: ~ 1130'

Cement Slurry: Type III or equivalent type of cement w/ additives. 515 sx (711 cf) at 14.6 ppg. Volume based on 100% excess. Volumes and additives may vary based on actual drilling conditions.

Production

Bit: 8-3/4"
Casing: 5-1/2", P110, 17 ppf
Depth: ~ 7500'

Stage Tool at ~ 4300'

Cement Slurry: Stage #1) Premium Lite FM HS. 614 sx (1216 cf) at 12.5 ppg. Stage #2) Lead: Premium Lite FM HS. 725 sx (1436 cf), Tail: Type III or equivalent type of cement. 50 sx (69 cf) at 14.6 ppg. Volume based on 50% excess in open hole & 10% excess in casing overlap. Volumes and additives may vary based on actual drilling conditions.