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Form 3160-5
(August 2007)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APR 05 2010

HOBBSD

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.
NMNM123522

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE – Other instructions on page 2.

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

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other8. Well Name and No.
Wish Federal #12. Name of Operator
Marbob Energy Corporation9. API Well No.
30-025-26241

3a. Address

P O Box 227, Artesia, NM 88211-0227

3b. Phone No. (include area code)

575-748-3303

10. Field and Pool or Exploratory Area
Teas; Bone Spring4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1980' FNL & 1650' FEL
Sec 27, T20S-R33E11. Country or Parish, State
Lea County, New Mexico**12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other requesting variance
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	to BOP requirements in
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	COA attached to APD

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 recompleat 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 recompleat 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.)

Marbob Energy respectfully requests approval of the BOP and choke manifold setup submitted in our APD as a 2M BOP system instead of a 3M BOP system. The actual rental BOP equipment used on the system will likely be rated to 5000 psi working pressure as this is what we normally use with our well service unit rigs.

This well is a cased-hole reentry that will be done with a well service unit, not a drilling rig. The requirement for a rig floor BOP control unit is not feasible with a well service unit. Our plan is to clean out to 5499' and test the Delaware Sand 5190-5200'. If the Delaware Sand is non-commercial (or when it depletes if it is productive), we plan to clean out to the original Bone Spring interval 9504-9593', test for a show and fracture stimulate if we see a show. We eventually plan to test the Bone Spring interval 8795-9047'.

The Delaware and Bone Spring formations have a pressure gradient less than a fresh water gradient and both formations require artificial lift to produce fluid to the surface. The Bone Spring zone of interest 9504-9593' pump tested 2 BOPD/ 5 BWPD prior to abandonment and poses no well control risk. We've researched area well records for Delaware and Bone Spring drillstem test pressures and have attached a summary of the information we found. The highest pressure gradient we found was 0.43 psi/ft (8.2 ppg equivalent mud weight) which is lower than a fresh water gradient.

The fresh water we propose to use in this reentry has sufficient density to control any pressure encountered in the Delaware and Bone Spring formations in this area. Keeping the well full of water will not be an issue in this wellbore. We've never had problems filling the wellbore and keeping the wellbore full of water when working on our Delaware and Bone Spring wells that have near-virgin reservoir pressure like this well (short well test, insignificant reservoir fluid withdrawal when this zone was originally tested by Amoco in 1984).

**SEE ATTACHED FOR
CONDITIONS OF APPROVAL**

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

Nancy T. Agnew

Title Land Department

Signature

Date 03/25/2010

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

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.

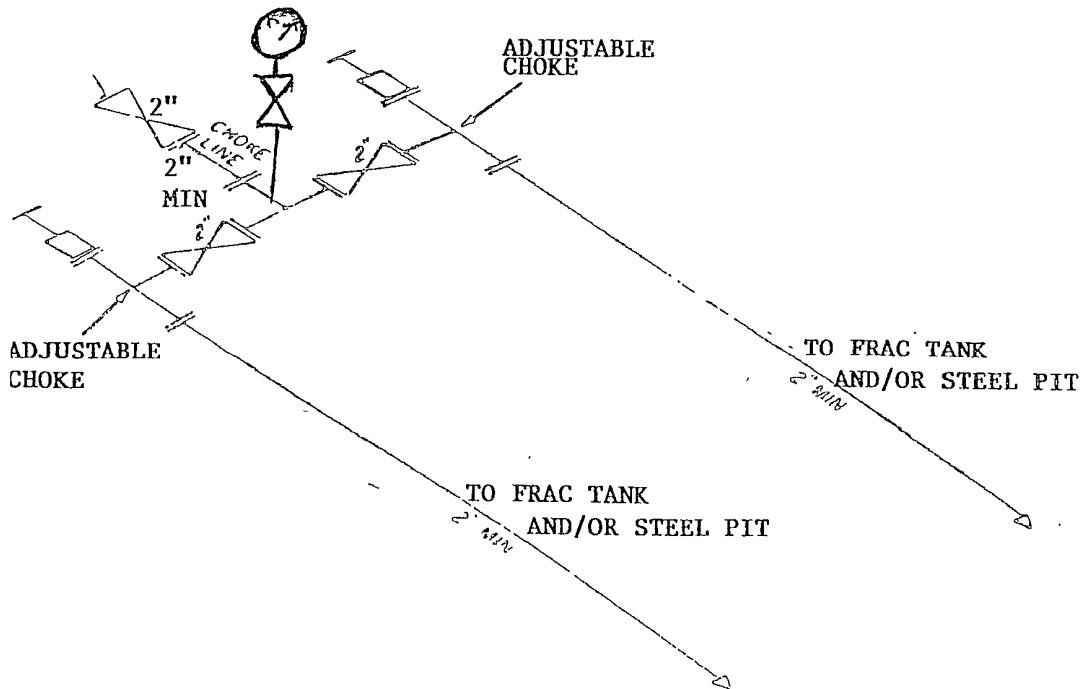
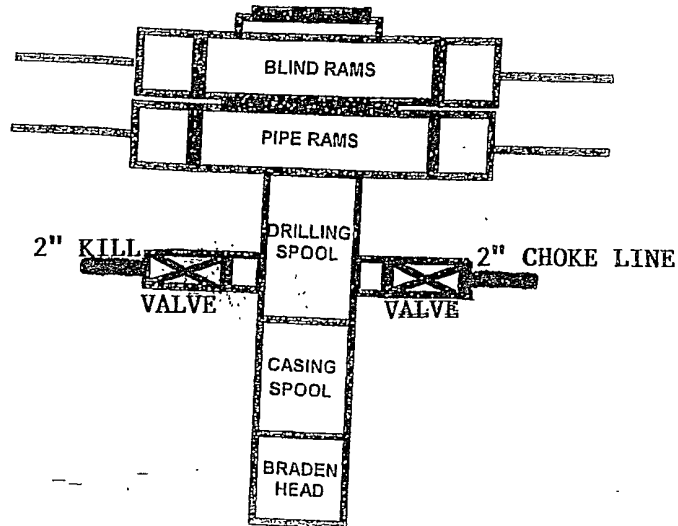
APPROVED
PETROLEUM ENGINEER
MAR 31 2010
/s/ Dustin Winkler
BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

Title _____ Date _____
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 with intent to defraud to make any statement or representation to any agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on page 2)

2M SYSTEM
CASED HOLE, SUBNORMAL PRESSURE



2M CHOKE MANIFOLD EQUIPMENT — CONFIGURATION OF CHOKES
MAY VARY

Wish Fed 1 Reentry APD										
Unit G, Section 27, T20S, R33E, Lea Co, NM										
Delaware and Bone Spring Reservoir Pressures from Area Well DST's										
24-Mar-10										
								Formation		Mud Wt.
Well Name	Section	Township	Range	Formation	Top Depth of Test	Bttm Depth of Test	Avg Depth of Test	Shut-in Pressure	Pressure Gradient	Equivalent of Pressure
					(ft)	(ft)	(ft)	(psi)	(psi/ft)	(ppg)
Mahaffey Fed 1	14	20s	33e	Bone Spring	8170	8226	8198	3050	0.37	7.2
				Bone Spring	8184	8300	8242	2845	0.35	6.6
				Bone Spring	9295	9400	9348	2125	0.23	4.4
				Bone Spring	9403	9440	9422	3775	0.40	7.7
				Bone Spring	9440	9464	9452	3540	0.37	7.2
				Bone Spring	9464	9557	9511	4045	0.43	8.2
				Bone Spring	9558	9658	9608	2190	0.23	4.4
				Bone Spring	9900	10010	9955	170	0.02	0.3
Six Shooter 13 Fed 1	13	20s	33e	Bone Spring	9342	9421	9382	3808	0.41	7.8
Smith Ranch 11 Fed 2	11	20s	33e	Bone Spring	9416	9461	9439	1412	0.15	2.9
Smith Ranch 11 Fed 1	11	20s	33e	Bone Spring	9417	9465	9441	3731	0.40	7.6
Smith Ranch Fed 1	11	20s	33e	Delaware	6285	6345	6315	1646	0.26	5.0
				Bone Spring	9290	9419	9355	3987	0.43	8.2
Muse Fed 1	7	20s	33e	Delaware	7103	7200	7152	2435	0.34	6.5
				Bone Spring	7948	8030	7989	780	0.10	1.9
				Bone Spring	9125	9180	9153	45	0.00	0.1
				Bone Spring	9505	9658	9582	95	0.01	0.2
				Bone Spring	9990	10100	10045	35	0.00	0.1
				Bone Spring	10445	10502	10474	2020	0.19	3.7
Little Eddy Unit 1	5	20s	33e	Bone Spring	9080	9191	9136	3593	0.39	7.6
				Bone Spring	9936	10080	10008	562	0.06	1.1
Salt Lake South Unit 1	21	21s	32e	Delaware	7090	7214	7152	2742	0.38	7.4
				Delaware	8508	8639	8574	880	0.10	2.0
Hat Mesa Unit 1	11	21s	32e	Delaware	6758	6870	6814	2638	0.39	7.4
Hat Mesa 1	10	21s	32e	Delaware	5960	6004	5982	2522	0.42	8.1
Union AJS Fed 1	8	21s	32e	Delaware	6927	6972	6950	2883	0.41	8.0
				Delaware	7088	7156	7122	2470	0.35	6.7
				Delaware	7178	7211	7195	2968	0.41	7.9
				Delaware	8356	8390	8373	3292	0.39	7.6
Eaves Unit 1	18	21s	33e	Bone Spring	8983	9270	9127	2836	0.31	6.0
South Lynch 1	9	21s	33e	Bone Spring	9020	9220	9120	3282	0.36	6.9
Comments: All DST pressure gradients in Delaware and Bone Spring are lower than fresh water gradient (all are subnormally pressured).										

Marbob Energy Corporation
NM-123522: Wish Federal #1
API: 30-025-26241
Lea County, New Mexico

RE: BOP change – Conditions of Approval

1. All blowout preventer (BOP) and related equipment (BOPE) shall comply with well control requirements as described in Onshore Oil and Gas Order No. 2 and API RP 53 Sec. 17.
2. Minimum working pressure of the blowout preventer (BOP) and related equipment (BOPE) required for drilling the well shall be **2000 (2M) psi**.
3. The appropriate BLM office shall be notified a minimum of 4 hours in advance for a representative to witness the tests.
 - a. The tests shall be done by an independent service company utilizing a test plug.
 - b. The results of the test shall be reported to the appropriate BLM office.
 - c. All tests are required to be recorded on a calibrated test chart. **A copy of the BOP/BOPE test chart and a copy of independent service company test will be submitted to the appropriate BLM office.**
 - d. The BOP/BOPE test shall include a low pressure test from 250 to 300 psi. The test will be held for a minimum of 10 minutes if test is done with a test plug and 30 minutes without a test plug.

DHW 032910
