## IDAHO DEPARTMENT OF LANDS DIRECTOR'S OFFICE

300 N 6th Street Suite 103 PO Box 83720 Boise ID 83720-0050 Phone (208) 334-0200 Fax (208) 334-5342



# IDAHO OIL AND GAS CONSERVATION COMMISSION

Kevin Dickey, Chairman Marc Shigeta, Vice-Chairman Jim Classen Renee Love, Ph.D Dustin T. Miller

October 11, 2018

Max Jameson Regulatory Coordinator AM Idaho, LLC 15021 Katy Frwy., Suite 400 Houston, TX 77094

RE: Application and Notice of Intention to Abandon – Espino #1-2 (USWN 11-075-20004), White #1-10 (USWN 11-075-20013), Korn #1-22 (USWN 11-075-20014), Tracy Trust #3-2 (USWN 11-075-20011) and State #1-17 (USWN 11-075-20005)

Dear Mr. Jameson:

The Idaho Department of Lands has received AM Idaho, LLC's Application and Notice of Intention to Abandon Well for the following five wells: Espino #1-2 (USWN 11-075-20004), White #1-10 (USWN 11-075-20013), Korn #1-22 (USWN 11-075-20014), Tracy Trust #3-2 (USWN 11-075-20011) and State #1-17 (USWN 11-075-20005). The permits to plug the above named wells are approved under the following conditions and will expire one (1) year from the date of this letter:

- 1. Plugging operations must follow the procedures outlined in the Notices of Intention to Abandon that were submitted to the Department September 27, 2018. Changes to the procedures must be provided to the Department by Sundry Notice and in accordance to IDAPA 20.07.02.502.
- A completed copy of the Plugging Record shall be filed with the Department no more than thirty (30) days after completion of plugging operations in accordance with IDAPA 20.07.02.502.06. A copy of this form is attached and can be downloaded from the Department of Lands website.

If you have any questions, please don't hesitate to contact me at your earliest convenience.

Sincerely,

James Thum

Oil and Gas Program Manager Idaho Dept of Lands Phone: (208) 334-0243

James There

jthum@idl.idaho.gov

cc: Diane Kassab – via email

Michael Christian, Marcus, Christian, Hardee & Davies LLP – via email



## AM IDAHO, LLC

15021 Katy Freeway, Suite 400 Houston, Texas 77094 (281) 530-0991 (281) 530-5278 FAX

September 27, 2018

James Thum
Oil & Gas Program Manager
Idaho Department of Lands
300 N. 6<sup>th</sup> Street, Suite 103

RE:

Notice of Intention to Abandon Well--REVISED

Korn #1-22, API #11-075-20014 on State Lease O-01986, Hamilton Field, Payette County

Dear Mr. Thum,

Boise, ID 83702

This letter is to inform you of Alta Mesa Services, LP intent to permanently plug and abandon the Korn #1-22 well located in Section 22, Township 7N, Range 4W. Preliminary review determines that this well might not be cost effective for us to build the required infrastructure in order to produce it. Attached is the Wellbore Diagram from November 2010 for your reference.

Following is the procedure that we plan to use for the proposed work:

1. This well is natural gas and allows us to pump cement plug from the surface down 2-7/8" tubing and inject into open perforations. Move in cement pump truck and spot 100' cement plug across perforations at 1,878'-1900'.

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BOISE, IDAHO

- 2. Move in electric wireline unit and perforate existing 2-7/8" tubing 1,826'-828' MD.
- 3. Circulate 500' balanced cement plug in 2-7/8" and 5-1/2" from 1,328' to 1,828' MD.
- 4. Cut 2-7/8" @ 450' MD. POOH with 450' of 2-7/8".
- 5. Set 5-1/2" CIBP @ 450' MD.
- 6. Perforate 5-1/2" @ 438' 440' MD.
- 7. Circulate cement down 5-1/2" and up 9-5/8" surface casing filing to surface.
- 8. Cut off wellhead and cap same with metal plate per IDL regulations. Cut off all pipe at 6' below ground level. Weld steel plate on top of pipe. Mark location with at least 4" diameter pipe at least 10' in length, leaving 4' above the ground level. This pipe is to be welded to the surface casing or embedded in cement.
- 9. Restore location per IDL and landowner requirement.
- 10. File final abandonment records with state.

We intend to begin this work as soon as possible, in order to use resources efficiently in completing work on other wells as explained in previous Sundry Notices. Thank you for your consideration of this request. If you should have any further questions, please feel free to contact me at 281-944-0638.

Sincerely

Max Jameson

Regulatory Coordinator

### AM Idaho, LLC **Korn 1-22 COMPLETION SCHEMATIC CURRENT WELLBORE DIAGRAM** As of 10/7/2010 LEASE: Bridge Energy Inc TOTAL DEPTH: WELL: Korn 1-22 SURFACE LOCATION: N43-56-11.42 W116-48-15.65 LOCATION: Sect 22/Township 7N/Range 4W **BOTTOM HOLE LOCATION:** N43-56-11.42 Payette County SPUD DATE: September 10, 2010 W116-48-15.65 ELEVATION: ELEVATION(KB): 2366' OBJECTIVE: Hamilton Sands 2373' HOLE FRACTURE MUD **FORMATION** SIZE WEIGHT GRADIENT **EVALUATION** COMMENTS (IN) TVD CASING SIZE (IN) (ppg) (ppg) **WBM** No FIT 25" 16" Line Pipe-Welded 79 ft 8.4 8.4 Top of cmt-450ft 12 1/4" SBM 9 5/8"-36ppft-R111-J55-STC - 9/11/2010 FΠ 774'ft 11.8 9ppg 2 7/8" 6.5# J-55 EUE 8rd "No pkr fluid in back side" - 10/7/2010 **Mud Logging** Each 10ft from 60ft 2 7/8 X 2.31 "X" profile nipple @1804ft ??? Packer @ 1843' (Arrowset) - 10/7/2010 Perfs 1878' to 1900' - 10/6/2010 (Stimulated with Extenders) **Baker Atlas** density,neutron,resistivity,sonic side wall cores Perfs 2078' to 2100' - 9/19/2010 (Stimulated with Extenders) Cast Iron Bridge Plug @ 2107' - 9/19/2010 Perfs 2113' to 2120' - 9/18/2010 (Stimulated with Extender) FI Col at 2251'ft SBM 5 1/2"-17ppft-R111-J55-LTC - 9/16/2010 TD 2328' 8 3/4" 2328ft 9.5 12.0

#### AM Idaho, LLC **KORN 1-22 PROPOSED SCHEMATIC** PROPOSED WELLBORE DIAGRAM - Plugged & Abandoned LEASE: Alta Mesa Services, LP TOTAL DEPTH: WELL: Korn 1-22 SURFACE LOCATION: N43-56-11.42 LOCATION: Sect 22/Township 7N/Range 4W W116-48-15.65 Payette County **BOTTOM HOLE LOCATION:** N43-56-11.42 SPUD DATE: September 10, 2010 W116-48-15.65 ELEVATION: ELEVATION(KB): OBJECTIVE: Hamilton Sands 23661 HOLE MUD FRACTURE **FORMATION** WEIGHT GRADIENT SIZE **EVALUATION** TVD CASING SIZE (IN) COMMENTS (IN) (ppg) (ppg) Cut off 6' below surface **WBM** 25" 16" Line Pipe-Welded No FIT 79 ft 8.4 8.4 Circulate cement down 5-1/2" and up 9-5/8" to surface. Estimated 170 sxs Class H cement from surface to 450'. Perforate 5-1/2" @ 438'- 440' MD. Top of cmt-450ft (5-1/2" x 9-5/8" annulus) Set CIBP @ 450' MD Cut 2-7/8" @ 450' MD SBM 9 5/8"-36ppft-R111-J55-STC - 9/11/2010 FΠ 12 1/4" 774<sup>th</sup> 11.8 9ppg Prod tbg: 27/8" 6.5# J-55 EUE 8rd -Cemented volume Spot 500' balanced cement plug. 105 sxs Class H cement from 1,328' to 1,828'. Perforate 2-7/8" tubing @ 1,826'-828' MD Packer @ 1843' (Arrowset) - 10/7/2010 Spot 100' balanced cement plug across perforations. Perfs 1878' to 1900' - 10/6/2010 (Stimulated with Extenders) 21 sxs Class H cement Perfs 2078' to 2100' - 9/19/2010 (Stimulated with Extenders) Cast Iron Bridge Plug @ 2107' - 9/19/2010 Perfs 2113' to 2120' - 9/18/2010 (Stimulated with Extender) Fi Col at 22511t Shoe @ 2328' SBM 9.5 5 1/2"-17ppft-R111-J55-LTC - 9/16/2010 8 3/4" 2328ft 12.0