



STATE OF MISSOURI
GEOLOGICAL SURVEY PROGRAM
APPLICATION FOR PERMIT TO DRILL, DEEPEN OR PLUG BACK

RECEIVED
FORM OGC-3

FEB 01 2012

APPLICATION TO DRILL DEEPEN PLUG BACK FOR AN OIL WELL OR GAS WELL

NAME OF COMPANY OR OPERATOR: Altavista Energy, Inc. DATE: 02/01/2012

ADDRESS: PO Box 128 CITY: Wellsville STATE: KS ZIP CODE: 66092

DESCRIPTION OF WELL AND LEASE

NAME OF LEASE: Misemer WELL NUMBER: A-2 ELEVATION (GROUND): 1095

WELL LOCATION (GIVE FOOTAGE FROM SECTION LINES): 2250 ft. from North South section line 4455 ft. from East West section line

WELL LOCATION: Sec. 10 Township 46 North Range 33 East West LATITUDE: 38.82249 LONGITUDE: 94.56339 COUNTY: Cass

NEAREST DISTANCE FROM PROPOSED LOCATION TO PROPERTY OR LEASE LINE: 165 FEET

DISTANCE FROM PROPOSED LOCATION TO NEAREST DRILLING, COMPLETED OR APPLIED - FOR WELL ON THE SAME LEASE: N/A FEET

PROPOSED DEPTH: 750 DRILLING CONTRACTOR, NAME AND ADDRESS: Town Oilfield Services, PO Box 339, Louisburg, KS 66053 ROTARY OR CABLE TOOLS: Rotary APPROX. DATE WORK WILL START: 02/16/2012

NUMBER OF ACRES IN LEASE: 55 NUMBER OF WELLS ON LEASE INCLUDING THIS WELL, COMPLETED IN OR DRILLING TO THIS RESERVOIR: 1
NUMBER OF ABANDONED WELLS ON LEASE: 0

IF LEASE PURCHASED WITH ONE OR MORE WELLS DRILLED, FROM WHOM PURCHASED?
NAME: N/A - New Lease ADDRESS: _____

NO. OF WELLS PRODUCING: 0
INJECTION: 0
INACTIVE: 0
ABANDONED: 0

STATUS OF BOND: SINGLE WELL AMOUNT \$ _____ BLANKET BOND AMOUNT \$ 40,000 ON FILE ATTACHED

REMARKS: (IF THIS IS AN APPLICATION TO DEEPEN OR PLUG BACK, BRIEFLY DESCRIBE WORK TO BE DONE, GIVING PRESENT PRODUCING/INJECTION ZONE AND EXPECTED NEW INJECTION ZONE; USE BACK OF FORM IF NEEDED)

Well to be drilled as a Stratigraphic Test Well. Will not be completed as an oil well unless authorized by the Missouri Oil and Gas Council to do so.

PROPOSED CASING PROGRAM				APPROVED CASING - TO BE FILLED IN BY STATE GEOLOGIST			
AMOUNT	SIZE	WT/FT	CEMENT	AMOUNT	SIZE	WT/FT	CEMENT
20' (surface)	8.625"	20	5 sx (to surf)	20'	8.625"	20	Full
750' (prod)	4.5"	10	130 sx (to surf)	750'	4.5"	10	Length

I, the Undersigned, state that I am the Manager of the Corp. (Company), and that I am authorized by said company to make this report, and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct, and complete to the best of my knowledge.

SIGNATURE: Altavista Inc DATE: 02/01/2012

PERMIT NUMBER: 037-20856 DRILLER'S LOG REQUIRED E-LOGS REQUIRED IF RUN

APPROVED DATE: 2-15-12 CORE ANALYSIS REQUIRED IF RUN DRILL SYSTEM TEST INFO REQUIRED IF RUN

APPROVED BY: Joseph A. [Signature] SAMPLES REQUIRED at 10' intervals from surface to total depth. SAMPLES NOT REQUIRED WATER SAMPLES REQUIRED AT see attached special permit condition.

NOTE ▶ THIS PERMIT NOT TRANSFERABLE TO ANY OTHER PERSON OR TO ANY OTHER LOCATION.

APPROVAL OF THIS PERMIT BY THE OIL AND GAS COUNCIL DOES NOT CONSTITUTE ENDORSEMENT OF THE GEOLOGIC MERITS OF THE PROPOSED WELL NOR ENDORSEMENT OF THE QUALIFICATIONS OF THE PERMITTEE

I, _____ of the _____ (Company), confirm that an approved drilling permit has been obtained by the owner of this well. Council approval of this permit will be shown on this form by presence of a permit number and signature of authorized council representative.

DRILLER'S SIGNATURE: _____ DATE: _____

Button 38 49 20.96 94 33 48.2

OK/KR
2/14/12



STATE OF MISSOURI
MISSOURI DEPARTMENT OF NATURAL RESOURCES
GEOLOGICAL SURVEY PROGRAM
WELL LOCATION PLAT

RECEIVED FORM OGC-4

FEB 01 2012

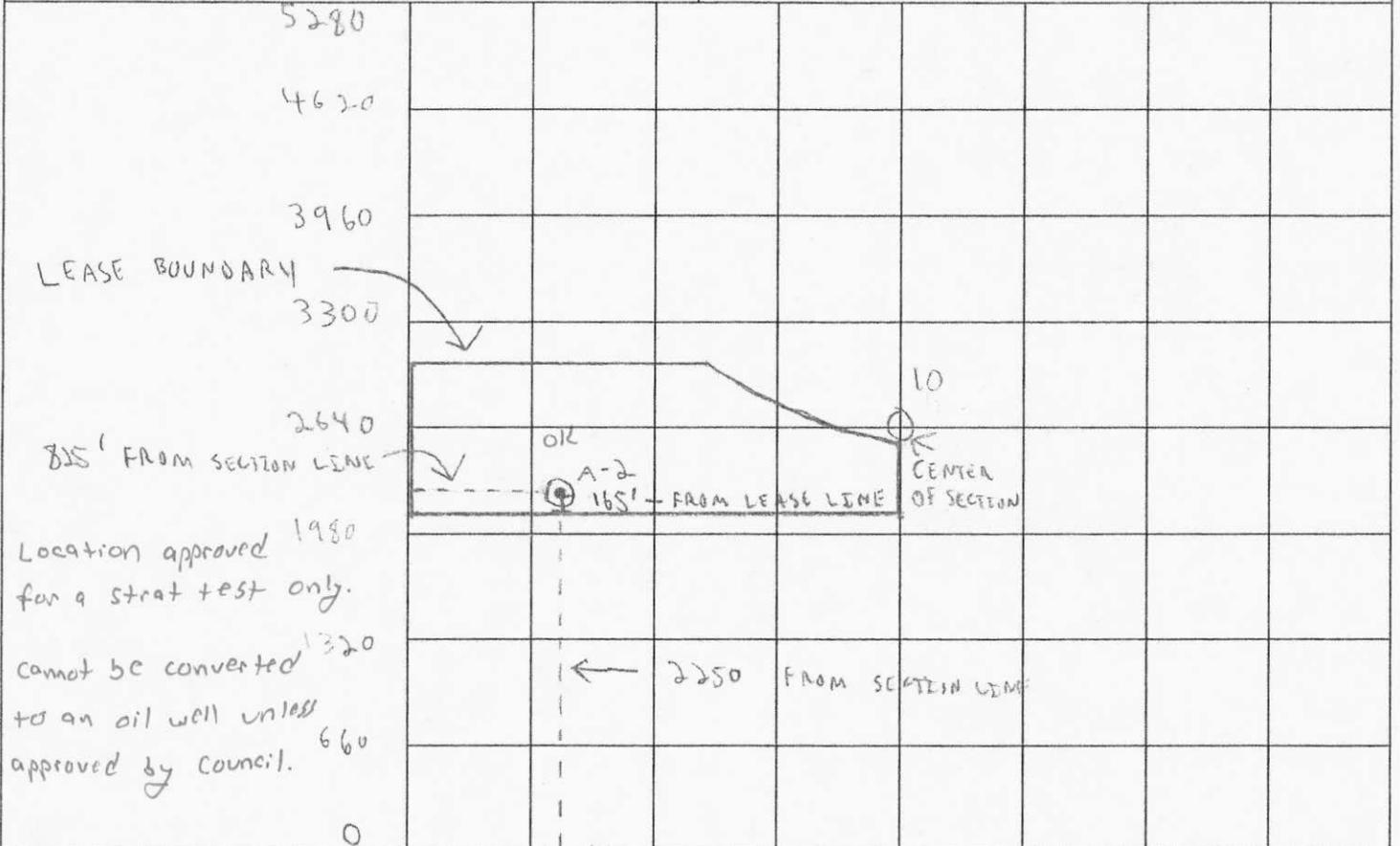
OWNER'S NAME
Altavista Energy, Inc.

LEASE NAME
Misemer (Well A-2) Mo Cass County Council

WELL LOCATION (GIVE FOOTAGE FROM SECTION LINES)
2250 ft. from North South from section line 4455 ft. from East West from section line

WELL LOCATION
Sec. 10 Township 46 North Range 33 East West

LATITUDE 38.82249 LONGITUDE 94.56339



REMARKS

INSTRUCTIONS
On the above plat, show distance of the proposed well from the two nearest section lines, the nearest lease line, and from the nearest well on the same lease completed in or drilling to the same reservoir. Do not confuse survey lines with lease lines. See rule 10 CSR 50-2.030 for survey requirements. Lease lines must be marked.

This is to certify that I have executed a survey to accurately locate oil and gas wells in accordance with 10 CSR 50-2.030 and that the results are correctly shown on the above plat.

REMIT TWO (2) COPIES TO:
GEOLOGICAL SURVEY PROGRAM
PO BOX 250, ROLLA, MO 65402-0250 (573) 368-2143
ONE (1) COPY WILL BE RETURNED

REGISTERED LAND SURVEYOR
NUMBER

Permit Special Condition

Permit 037-20856

Altavista Energy, Inc.

Well A-2 Stratigraphic Test Hole

This permit to construct is for a stratigraphic test hole. As such, there are no setback requirements from property or unit lines. The proposed location as indicated on the well location plat is acceptable. This well may **NOT** be converted to any other well type without the approval of the state oil and gas council. This location for all other well types would not conform to the 2 ½ acre spacing as previously established by the council for Cass County.

Rollins, Kyle

From: Phil Frick - DE <dephil@dpeweb.com>
Sent: Tuesday, February 14, 2012 12:27 PM
To: Rollins, Kyle
Cc: Vierrether, Chris
Subject: Re: Misemer Strat Test permit

Kyle,

We'll have to set surface casing, so that's a given. And then yes, we'll need to at least run pipe in the hole if we want to use it. So if you're ok with that, if it looks good we'll basically complete it as an oil well and then hope for the best with the council. That's the risk you take I guess :).

Regards,

Phil Frick
D. E. Exploration, Inc.
Altavista Energy, Inc.
Office: 785.883.4057
Cell: 913.221.5987

On 2/14/2012 11:13 AM, Rollins, Kyle wrote:
Phil,

On the application you indicate to set surface and production casing. Will this be done at the time of construction or after the council meeting in April? The comment section says it won't be completed as an oil well till after the council gives approval. However, you will most likely need to set some surface and possibly production casing to hold the hole open. Most strat test holes are not cased and plugged soon after being drilled. If I issue the permit as is, it looks to be completed as an oil well. If you want to drill the well as the application indicates, I am not against that but beware if the council votes against your petition for this lease you will have to plug an expensive well. Maybe just set enough surface casing to hold the hole open and then wait till the council vote? Thoughts?

Kyle Rollins
Geologist II
Economic Geology Unit
Division of Geology and Land Survey
573-368-2195
573-368-2111 (fax)
kyle.rollins@dnr.mo.gov
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